

OWI3010	P1	OWI105B	P33	OWI5040FH	P65
OWI3015	P2	OWIH4312	P34	OWI3DF	P66
OWI4010	P3	OWI53FU	P35	OWIB73F	P67
OWI4012	P4	OWIH3D13	P36	OWIB75F	P68
OWI4018	P5	OWIH518	P37	OWIX114	P69
OWI6012	P6	OWIH53	P38	OWIX147	P70
OWI6020	P7	OWIH74	P39		
OWI6028	P8	OWIH114	P40		
OWI6045	P9	OWI10F	P41		
OWI8040	P10	OWIMD4D08	P42		
OWI31	P11	OWIMD4D10	P43		
OWI32	P12	OWIMD4D12	P44		
OWI43	P13	OWIMD4D10C	P45		
OWI52	P14	OWIMD4D12C	P46		
OWI53	P15	OWI312MF	P47		
OWI54	P16	OWI414MF	P48		
OWI73	P17	OWI511MF	P49		
OWI75	P18	OWIC5D23	P50		
OWI104	P19	OWI1606	P51		
OWI105	P20	OWI1704	P52		
OWI108	P21	OWI2506	P53		
OWIR1011	P22	OWI1608F	P54		
OWI1206	P23	OWI3308F	P55		
OWI1210	P24	OWI3316F	P56		
OWI1812	P25	OWI3326F	P57		
OWI2220	P26	OWI3340F	P58		
OWI32B	P27	OWI5022F	P59		
OWI43B	P28	OWI5040F	P60		
OWI54B	P29	OWI1813FH	P61		
OWI73B	P30	OWI3316FH	P62		
OWI75B	P31	OWI4020FH	P63		
OWI104B	P32	OWI5022FH	P64		

OWI3010 TYPE

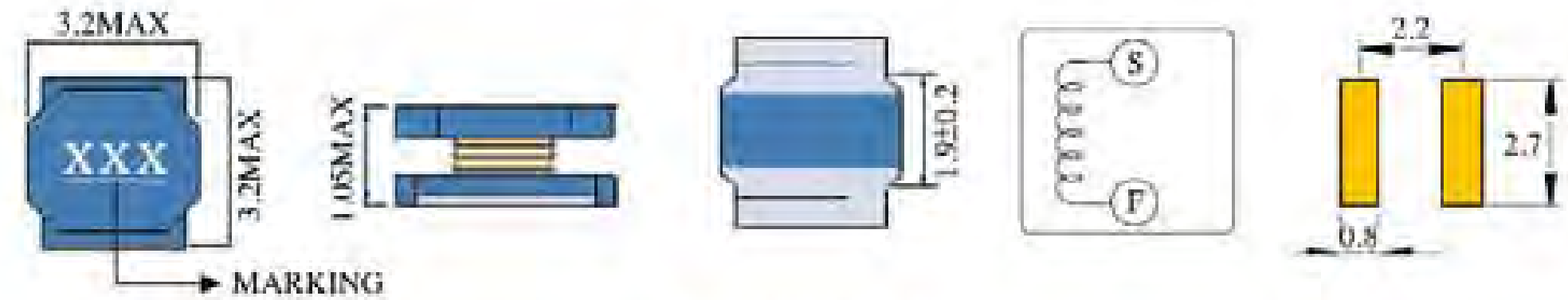


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

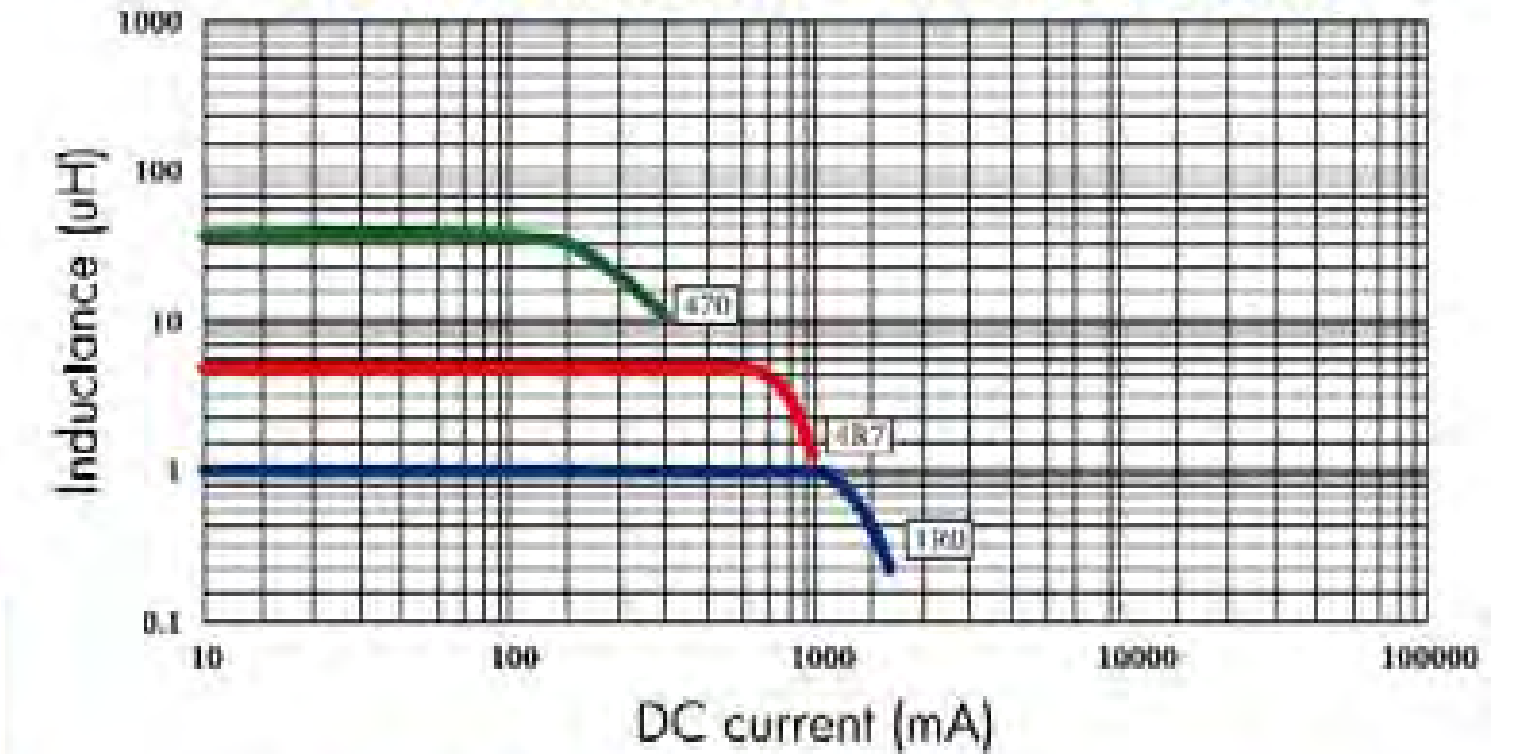
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



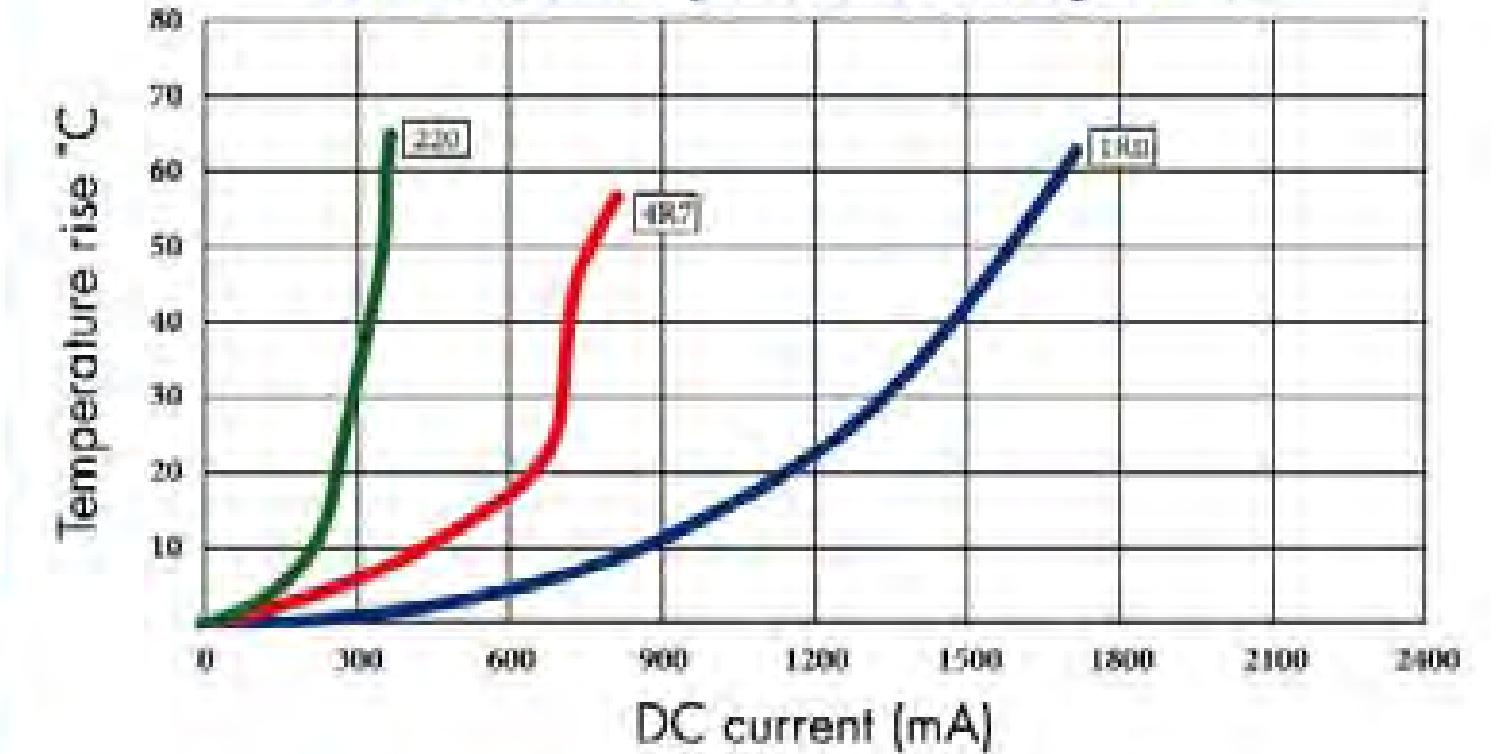
ELECTRICAL CHARACTERISTICS FOR OWI3010 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI3010-1R0	1.0	100KHZ	78m	1.30	1.30
OWI3010-1R5	1.5	100KHZ	107m	1.20	1.25
OWI3010-2R2	2.2	100KHZ	150m	1.10	1.05
OWI3010-3R3	3.3	100KHZ	188m	0.87	0.90
OWI3010-4R7	4.7	100KHZ	320m	0.75	0.68
OWI3010-6R8	6.8	100KHZ	430m	0.61	0.62
OWI3010-100	10	100KHZ	585m	0.50	0.55
OWI3010-150	15	100KHZ	920m	0.40	0.50
OWI3010-220	22	100KHZ	1.10	0.35	0.42
OWI3010-330	33	100KHZ	2.04	0.26	0.32
OWI3010-470	47	100KHZ	2.76	0.22	0.28

OWI3010 Inductance decrease by current



OWI3010 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
1uH~2.2uH: ±30%(N) 3.3uH~47uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 30% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI3015 TYPE

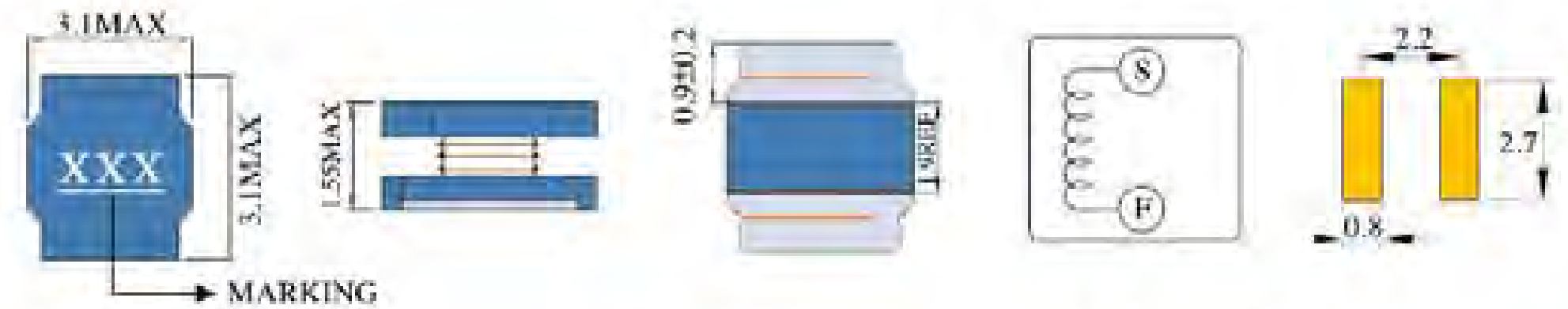


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

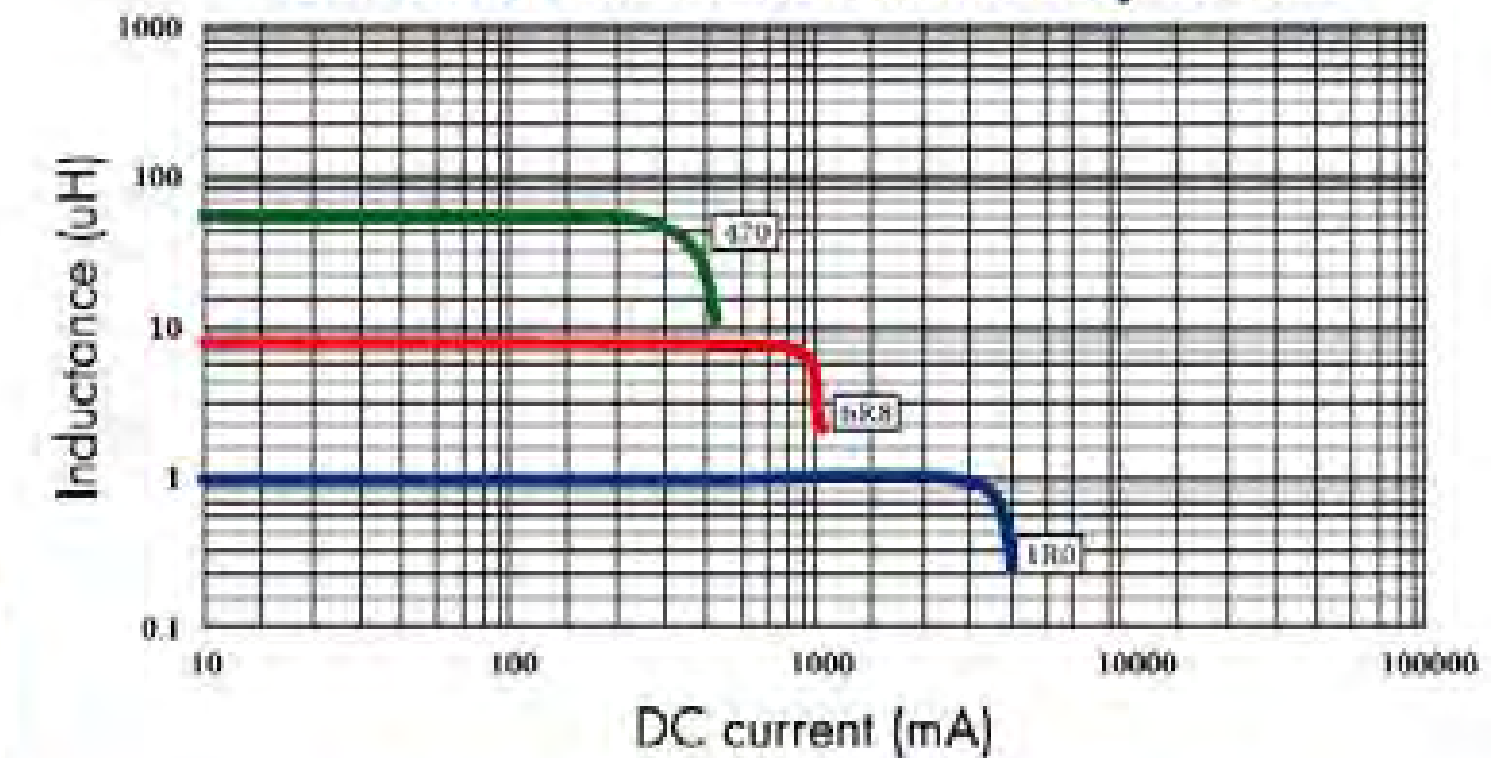
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



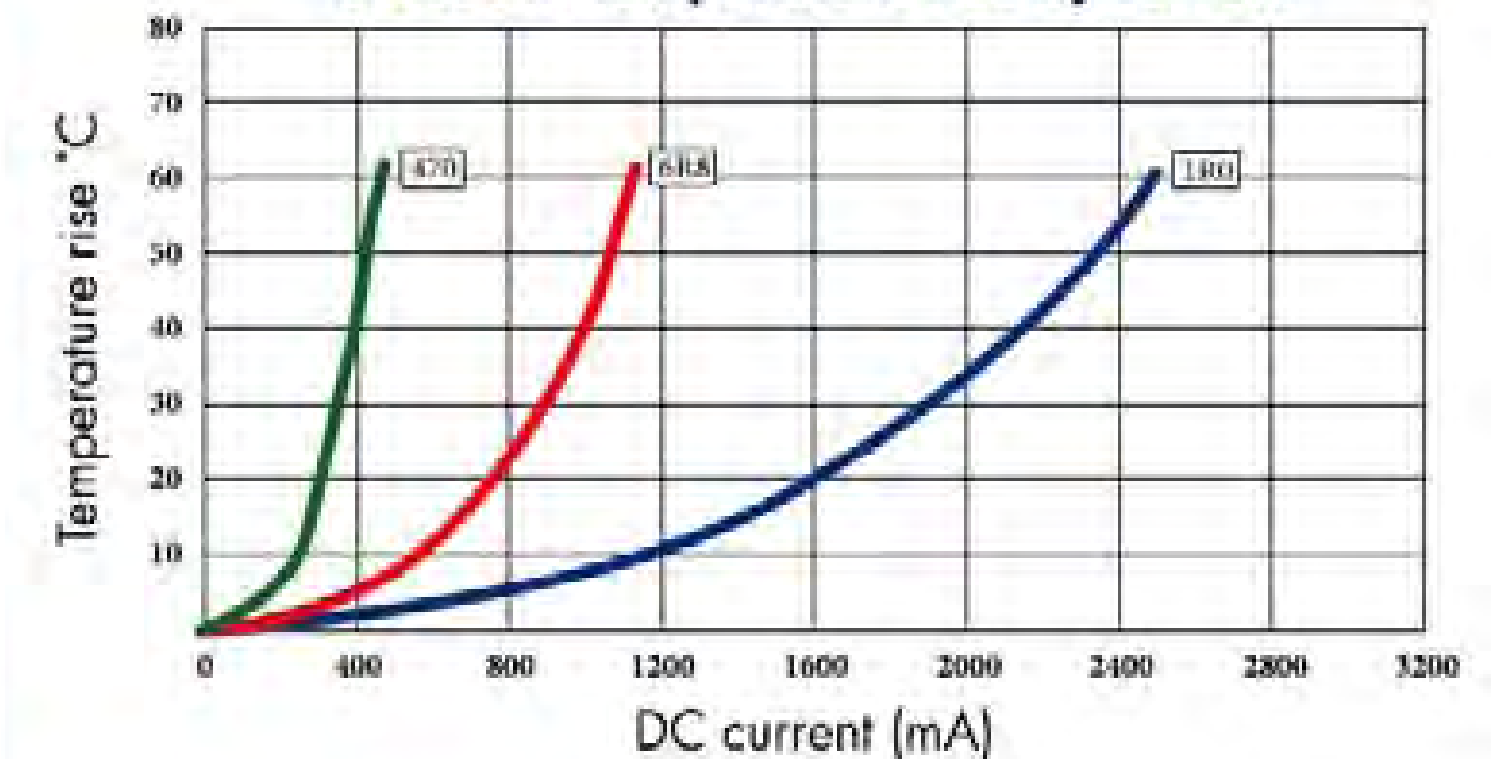
ELECTRICAL CHARACTERISTICS FOR OWI3015 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI3015-1R0	1.0	100KHZ	38m	2.10	1.80
OWI3015-1R5	1.5	100KHZ	60m	1.80	1.60
OWI3015-2R2	2.2	100KHZ	90m	1.48	1.30
OWI3015-3R3	3.3	100KHZ	132m	1.21	1.15
OWI3015-4R7	4.7	100KHZ	180m	1.02	0.95
OWI3015-6R8	6.8	100KHZ	250m	0.87	0.90
OWI3015-100	10	100KHZ	360m	0.70	0.70
OWI3015-150	15	100KHZ	528m	0.56	0.55
OWI3015-220	22	100KHZ	820m	0.47	0.49
OWI3015-330	33	100KHZ	1.20	0.39	0.40
OWI3015-470	47	100KHZ	1.64	0.32	0.34

OWI3015 Inductance decrease by current



OWI3015 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
1uH~1.5uH: ±30%(N) 2.2uH~47uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 30% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI4010 TYPE

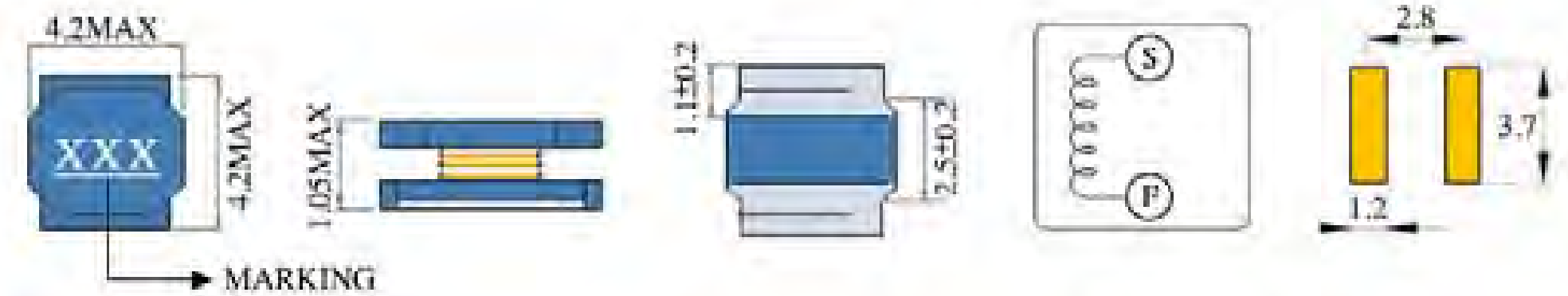


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

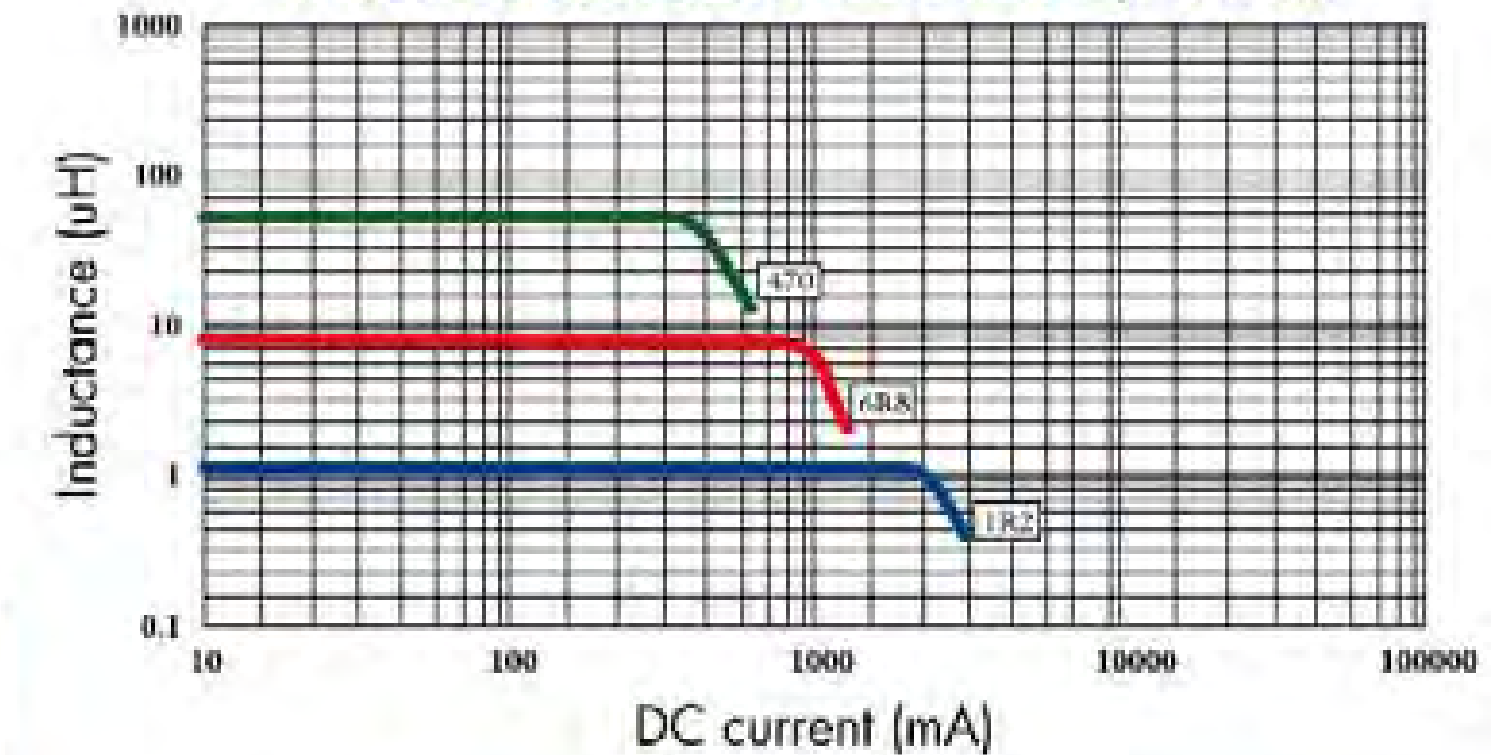
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



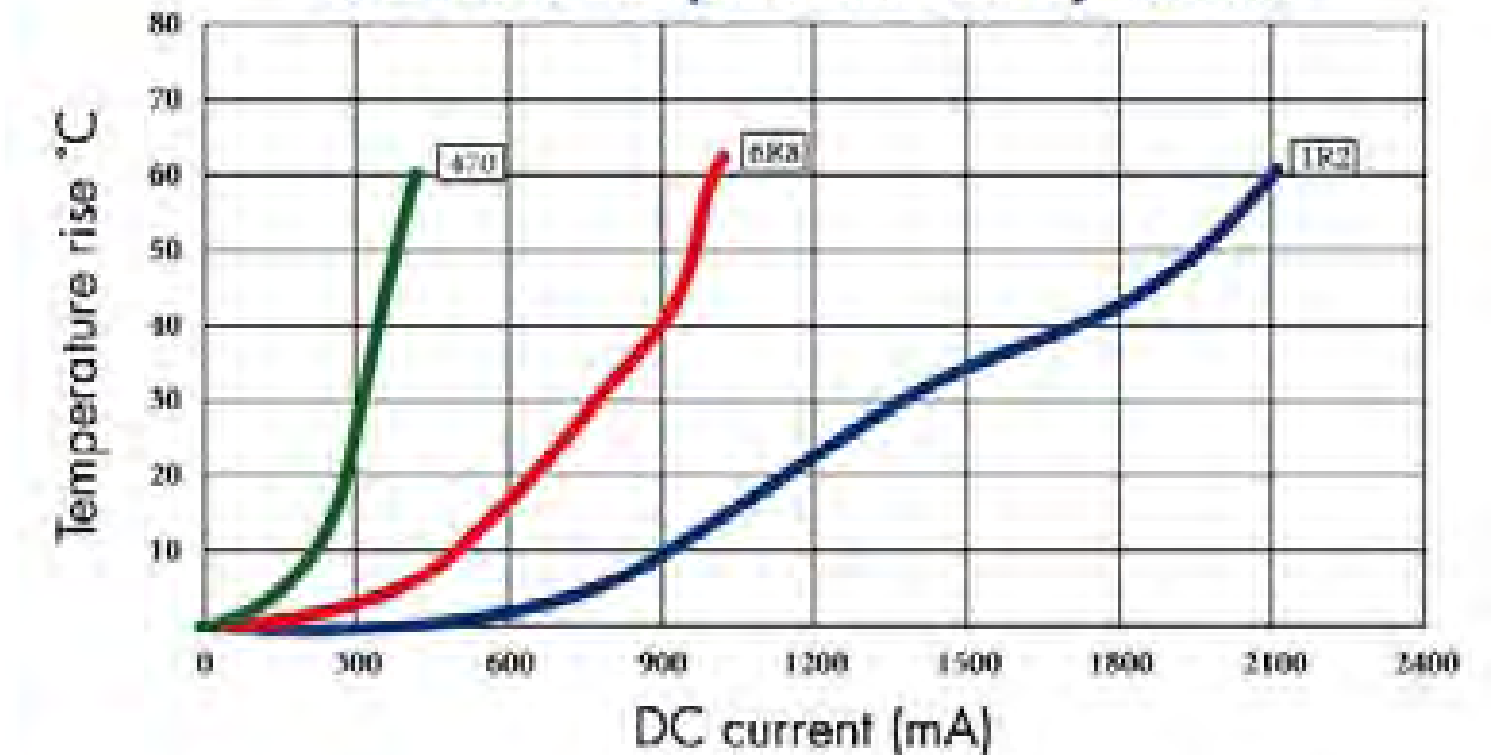
ELECTRICAL CHARACTERISTICS FOR OWI4010 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI4010-1R2	1.2	100KHZ	120m	1.80	1.50
OWI4010-2R2	2.2	100KHZ	180m	1.15	1.10
OWI4010-3R3	3.3	100KHZ	216m	1.10	1.00
OWI4010-4R7	4.7	100KHZ	270m	0.90	0.85
OWI4010-6R8	6.8	100KHZ	360m	0.74	0.78
OWI4010-100	10	100KHZ	640m	0.56	0.60
OWI4010-150	15	100KHZ	790m	0.47	0.50
OWI4010-220	22	100KHZ	1.20	0.36	0.40
OWI4010-330	33	100KHZ	1.84	0.28	0.34
OWI4010-470	47	100KHZ	2.28	0.24	0.29

OWI4010 Inductance decrease by current



OWI4010 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
1.2uH~2.2uH: ±30%(N) 3.3uH~47uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 30% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI4012 TYPE

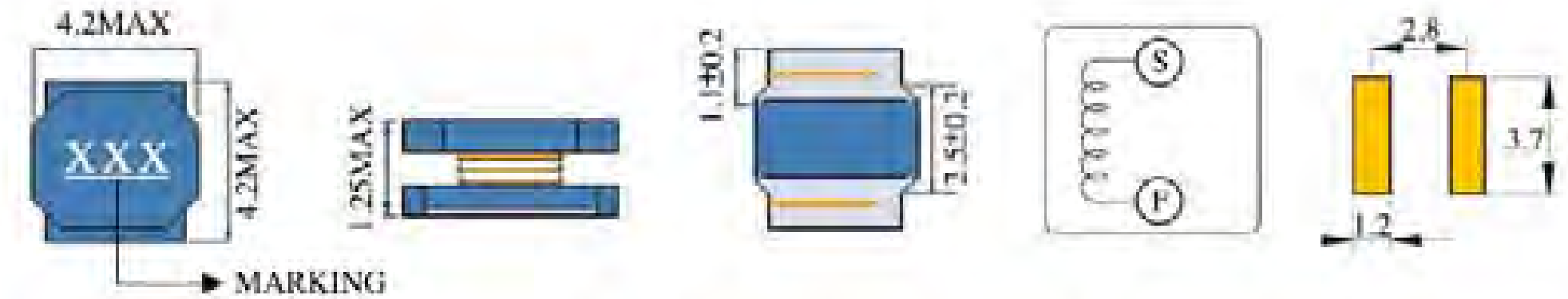


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

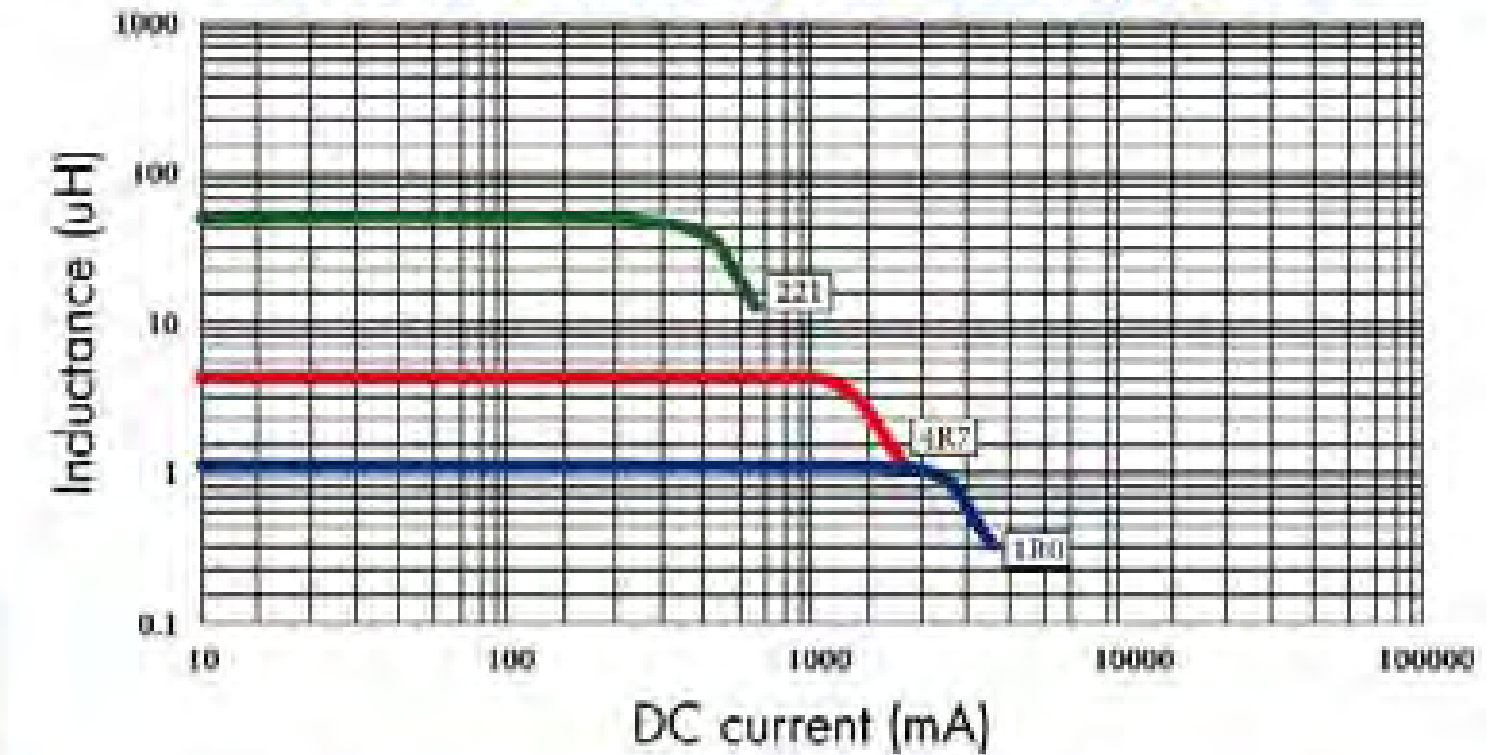
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



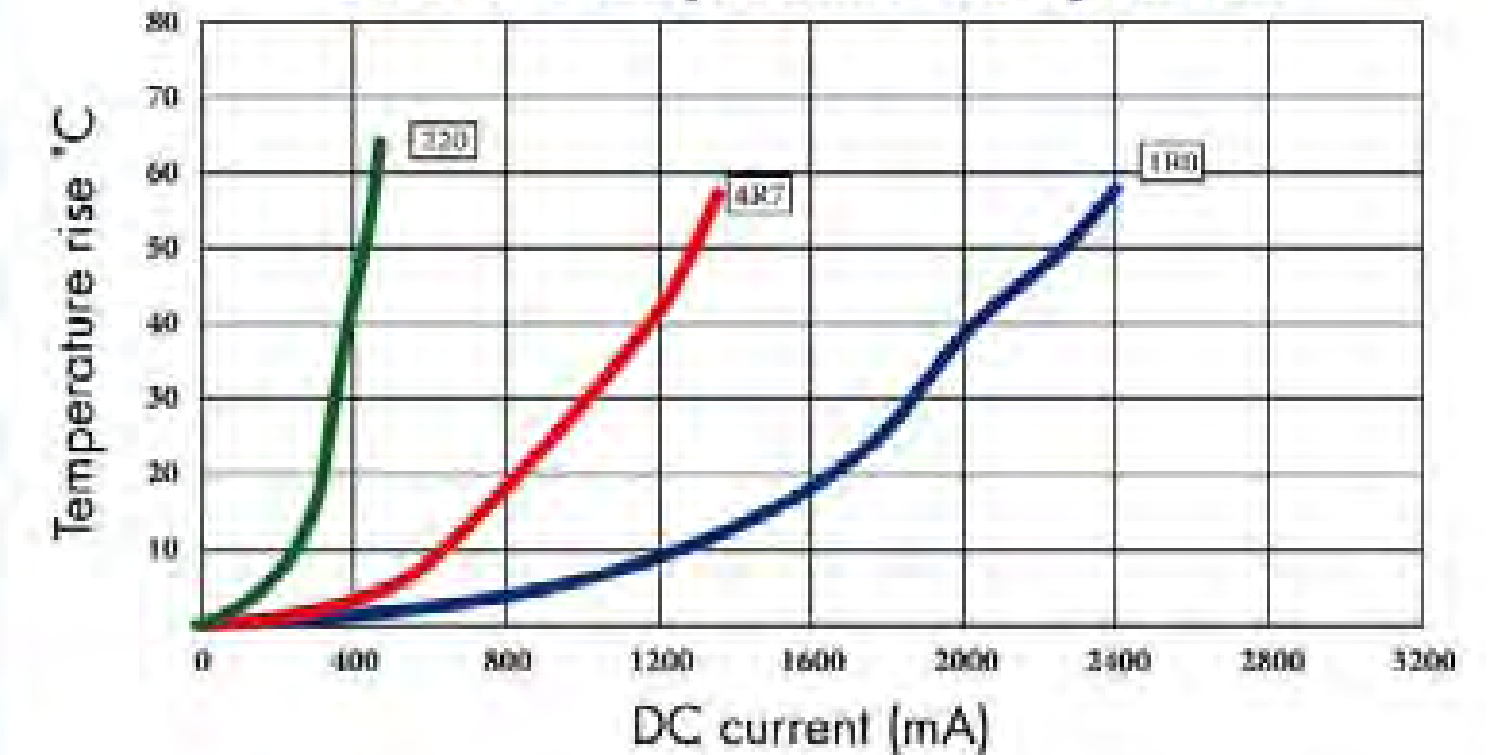
ELECTRICAL CHARACTERISTICS FOR OWI4012 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI4012-1R0	1.0	100KHZ	72m	2.50	1.70
OWI4012-1R5	1.5	100KHZ	80m	2.00	1.55
OWI4012-2R2	2.2	100KHZ	108m	1.65	1.30
OWI4012-3R3	3.3	100KHZ	156m	1.20	1.10
OWI4012-4R7	4.7	100KHZ	168m	1.05	1.00
OWI4012-6R8	6.8	100KHZ	276m	0.90	0.80
OWI4012-100	10	100KHZ	360m	0.74	0.75
OWI4012-150	15	100KHZ	480m	0.56	0.60
OWI4012-220	22	100KHZ	790m	0.51	0.50
OWI4012-330	33	100KHZ	1.20	0.40	0.42
OWI4012-470	47	100KHZ	1.80	0.35	0.35

OWI4012 Inductance decrease by current



OWI4012 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: 1uH~1.5uH: ±30%(N) 2.2uH~47uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 30% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI4018 TYPE

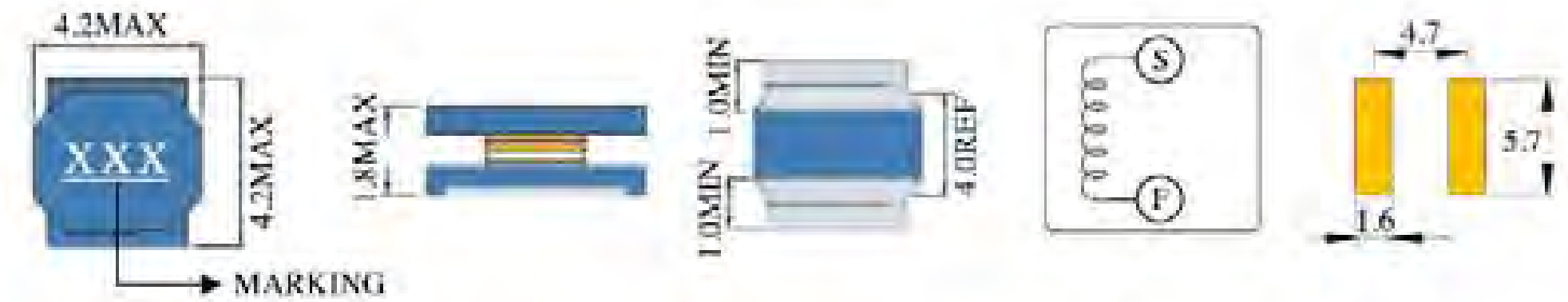


FEATURES

1. Low DC resistance, high rated current and high inductance.
Inductance: 1.0 to 220uH.
2. The series exhibits low voltage drops and small variations in inductance with respect to temperature rise and DC current level. This makes them excellent for use as power supply line choke coils.

APPLICATIONS

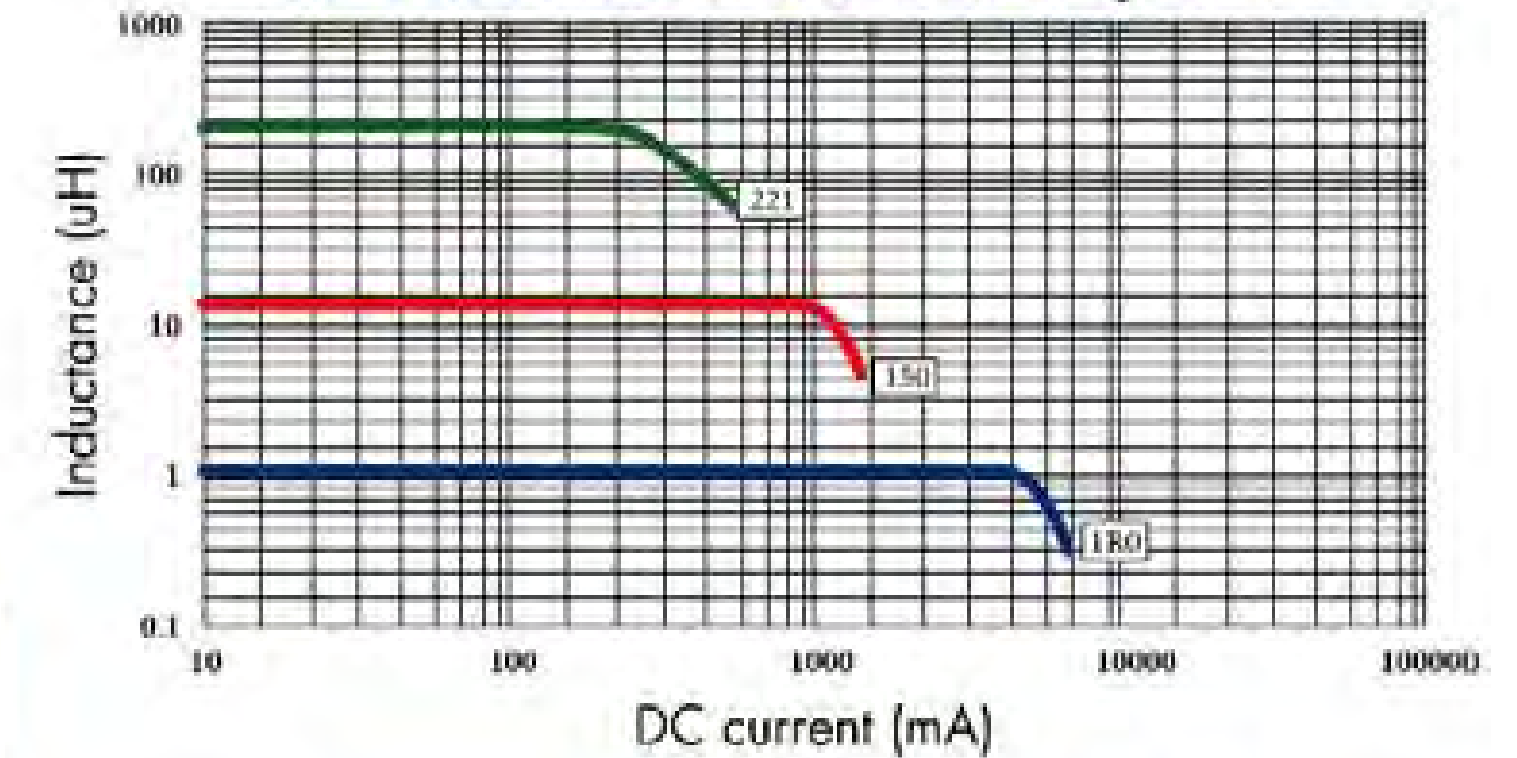
1. Portable communication, equipments.
2. DC/DC converters, etc.



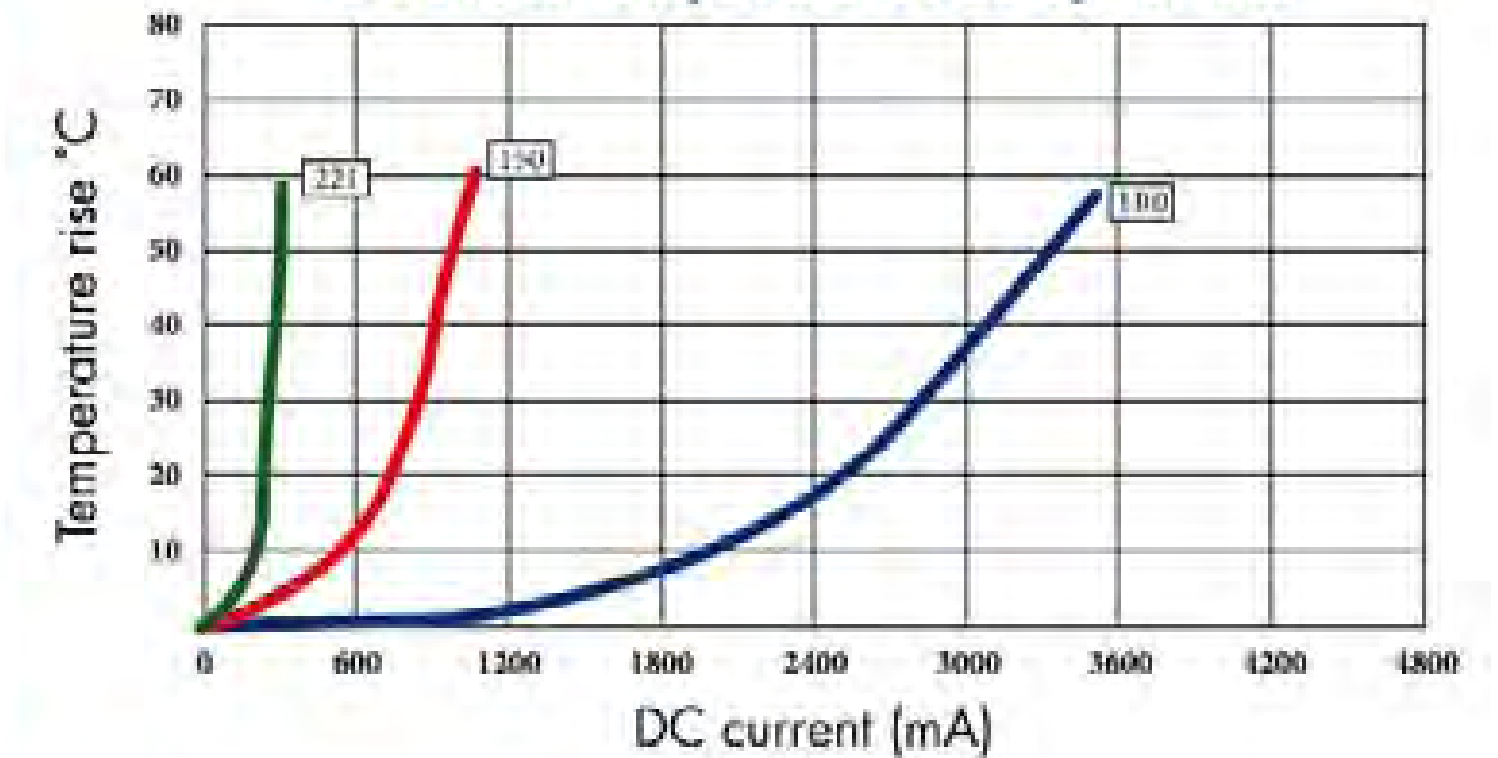
ELECTRICAL CHARACTERISTICS FOR OWI4018 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI4018-1R0	1.0	100KHZ	30m	4.00	2.75
OWI4018-2R2	2.2	100KHZ	60m	2.70	2.22
OWI4018-3R3	3.3	100KHZ	84m	2.00	1.99
OWI4018-4R7	4.7	100KHZ	97m	1.70	1.61
OWI4018-6R8	6.8	100KHZ	141m	1.45	1.23
OWI4018-100	10	100KHZ	210m	1.20	1.10
OWI4018-150	15	100KHZ	321m	0.94	0.86
OWI4018-220	22	100KHZ	500m	0.80	0.70
OWI4018-330	33	100KHZ	676m	0.65	0.60
OWI4018-470	47	100KHZ	996m	0.57	0.50
OWI4018-680	68	100KHZ	1.38	0.47	0.40
OWI4018-101	100	100KHZ	2.22	0.40	0.32
OWI4018-151	150	100KHZ	3.00	0.31	0.25
OWI4018-221	220	100KHZ	4.20	0.27	0.22

OWI4018 Inductance decrease by current



OWI4018 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
1uH: ±30%(N) 2.2uH~220uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 30% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI6012 TYPE

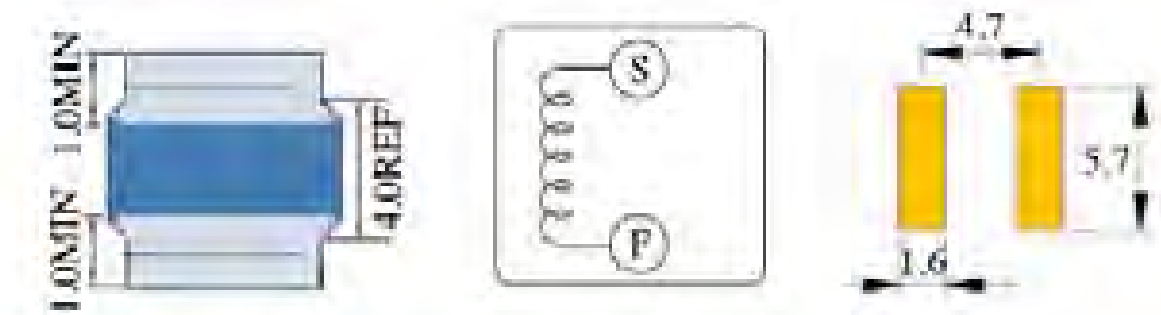
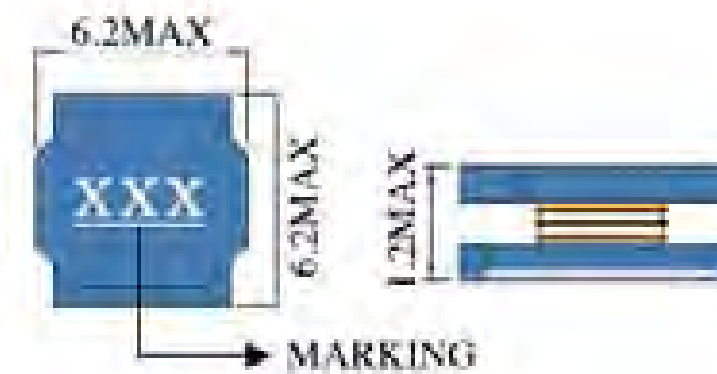


FEATURES

1. Low DC resistance, high rated current and high inductance.
Inductance: 3.3 to 100 μ H.
2. The series exhibits low voltage drops and small variations in inductance with respect to temperature rise and DC current level. This makes them excellent for use as power supply line choke coils.

APPLICATIONS

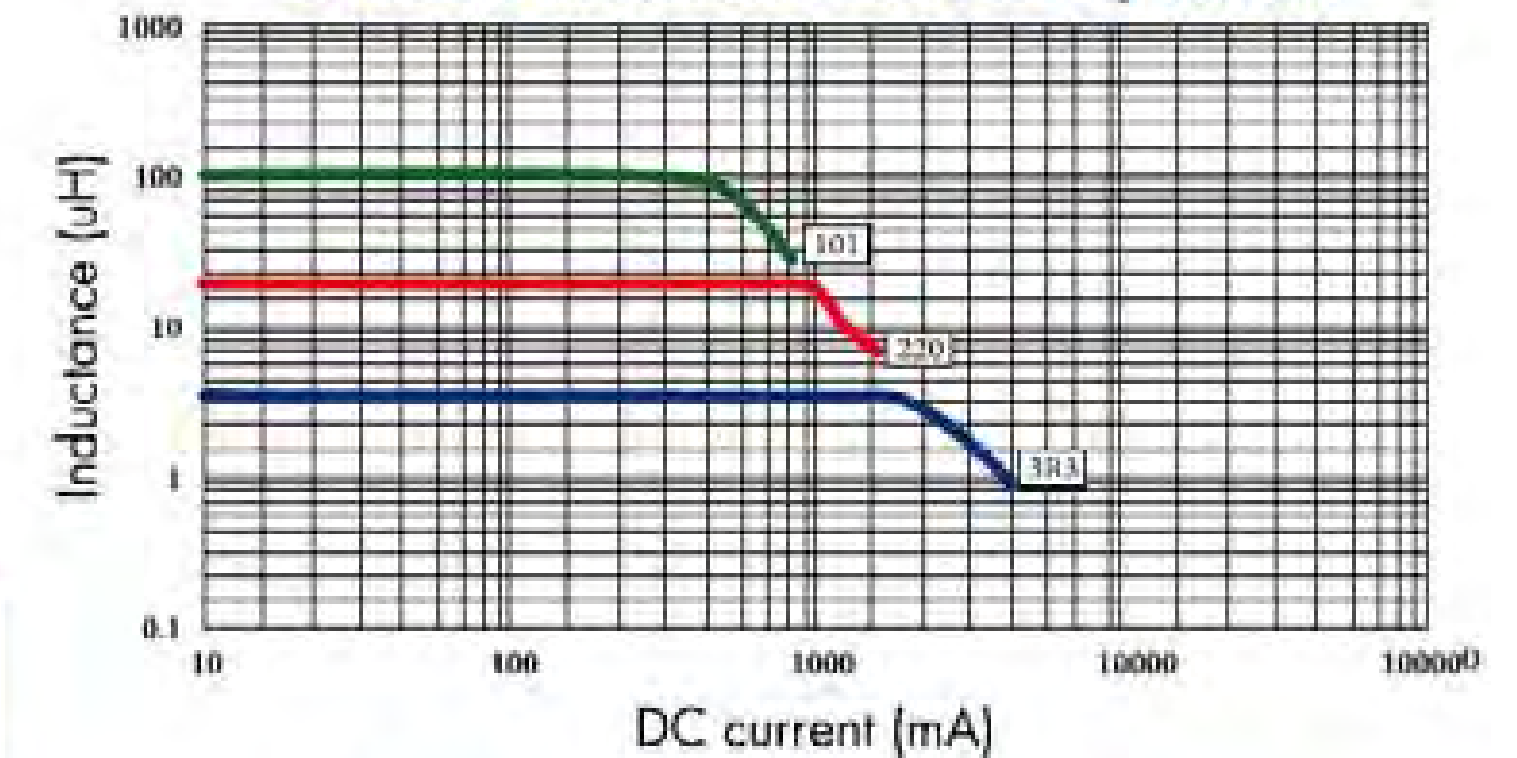
1. Portable communication, equipments.
2. DC/DC converters, etc.



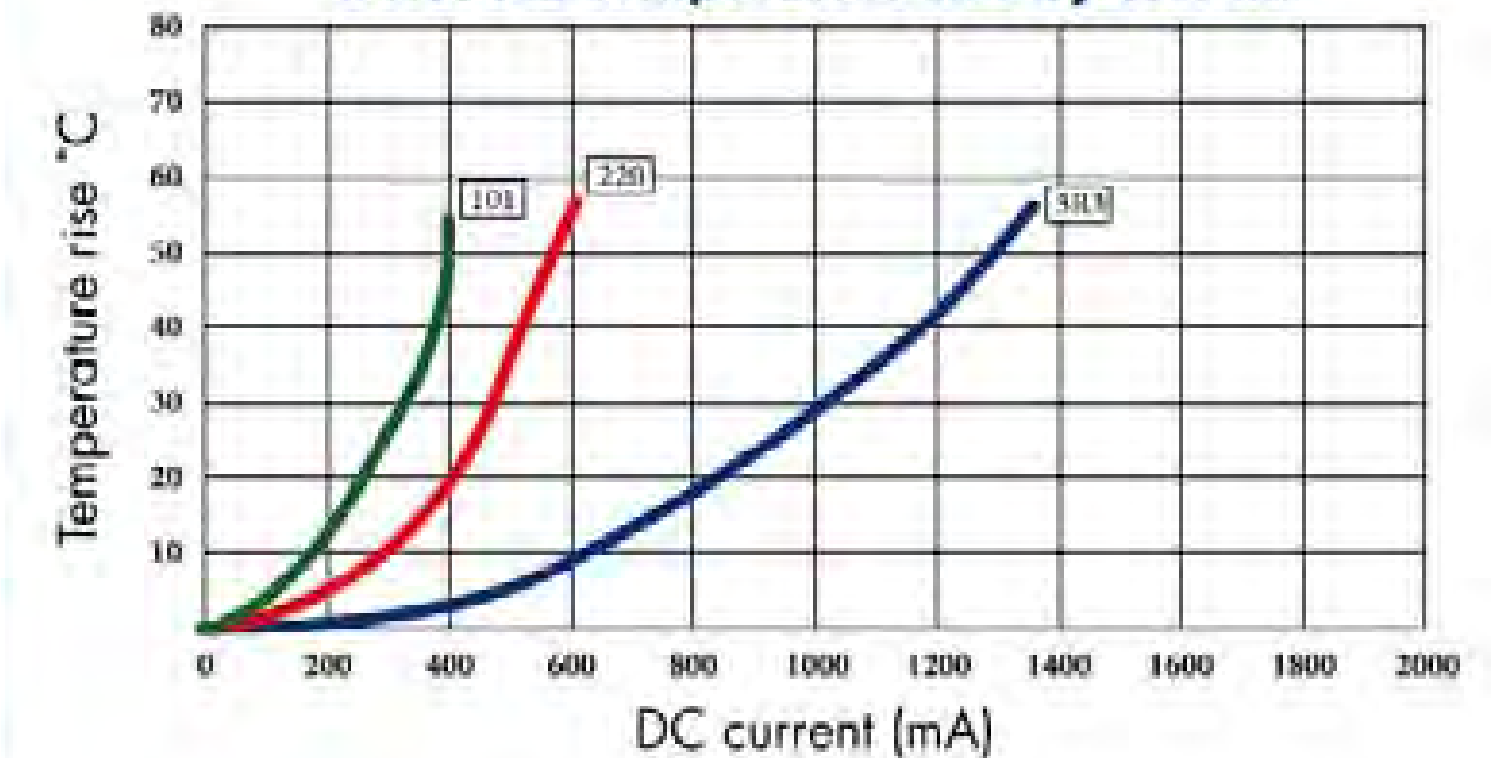
ELECTRICAL CHARACTERISTICS FOR OWI6012 SERIES

Part Number	Inductance (μ H) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI6012-3R3	3.3	100KHZ	180m	1.73	1.02
OWI6012-4R7	4.7	100KHZ	230m	1.50	0.96
OWI6012-6R8	6.8	100KHZ	330m	1.20	0.90
OWI6012-8R2	8.2	100KHZ	440m	1.10	0.77
OWI6012-100	10	100KHZ	480m	1.00	0.69
OWI6012-120	12	100KHZ	650m	0.92	0.62
OWI6012-150	15	100KHZ	760m	0.80	0.50
OWI6012-180	18	100KHZ	980m	0.75	0.48
OWI6012-220	22	100KHZ	1.14	0.67	0.48
OWI6012-270	27	100KHZ	1.53	0.60	0.43
OWI6012-330	33	100KHZ	1.75	0.58	0.38
OWI6012-390	39	100KHZ	1.92	0.53	0.36
OWI6012-470	47	100KHZ	2.40	0.49	0.34
OWI6012-560	56	100KHZ	2.76	0.43	0.33
OWI6012-680	68	100KHZ	3.30	0.39	0.30
OWI6012-820	82	100KHZ	3.67	0.36	0.27
OWI6012-101	100	100KHZ	4.60	0.32	0.22

OWI6012 Inductance decrease by current



OWI6012 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: $\pm 20\%$ (M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as $\Delta t = 40$ °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI6020 TYPE

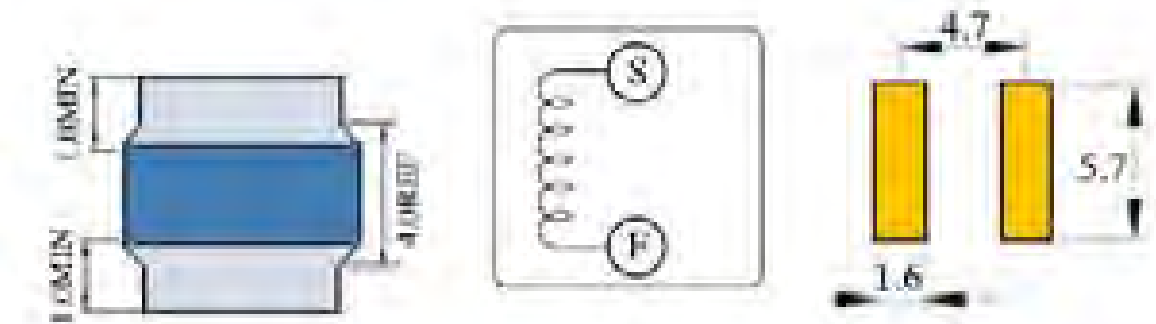
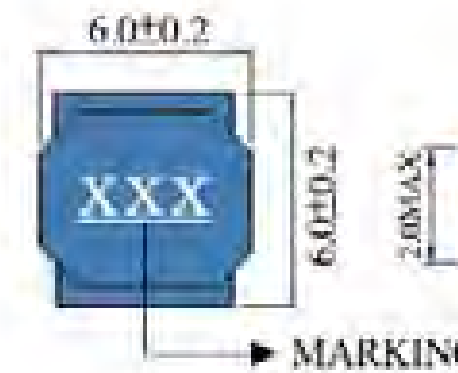


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

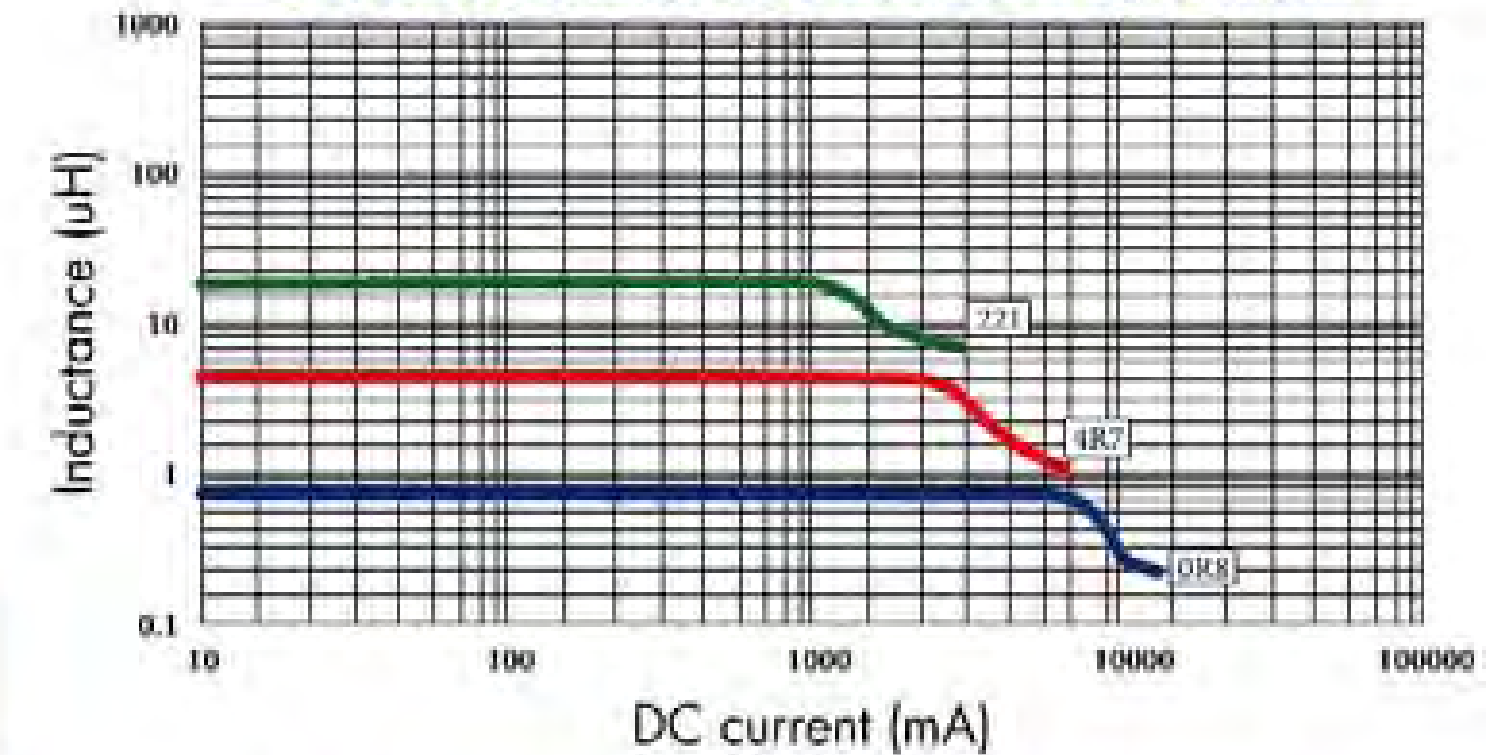
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



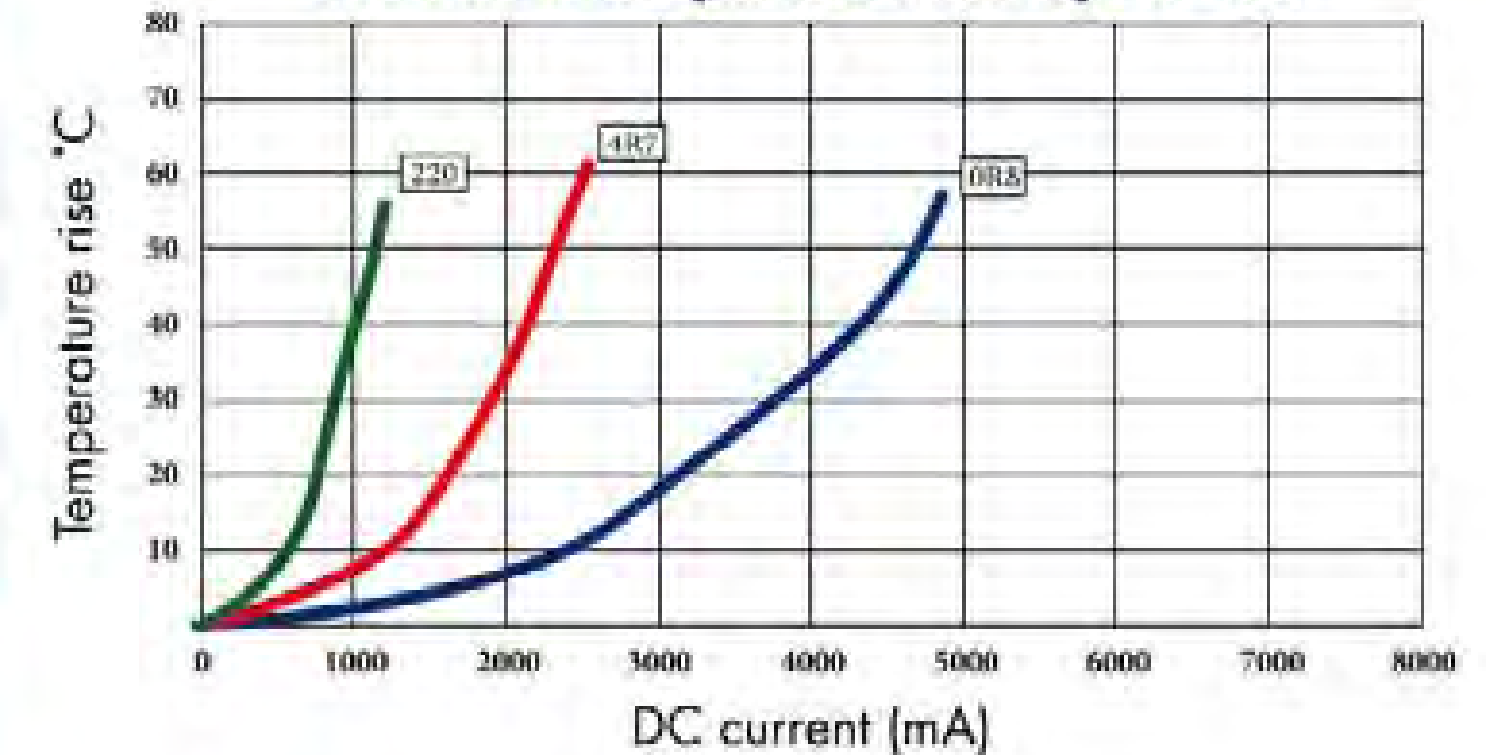
ELECTRICAL CHARACTERISTICS FOR OWI6020 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI6020-0R8	0.8	100KHZ	26.0m	5.50	3.90
OWI6020-1R5	1.5	100KHZ	33.8m	4.00	3.20
OWI6020-2R2	2.2	100KHZ	44.2m	3.20	2.80
OWI6020-3R3	3.3	100KHZ	52.0m	2.80	2.35
OWI6020-4R7	4.7	100KHZ	75.4m	2.40	1.85
OWI6020-6R8	6.8	100KHZ	110.5m	2.00	1.60
OWI6020-100	10	100KHZ	150.0m	1.70	1.30
OWI6020-220	22	100KHZ	348.0m	1.05	0.90

OWI6020 Inductance decrease by current



OWI6020 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: 0.8uH~6.8uH: ±30%(N) 10uH~22uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 30% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as ΔT=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI6028 TYPE

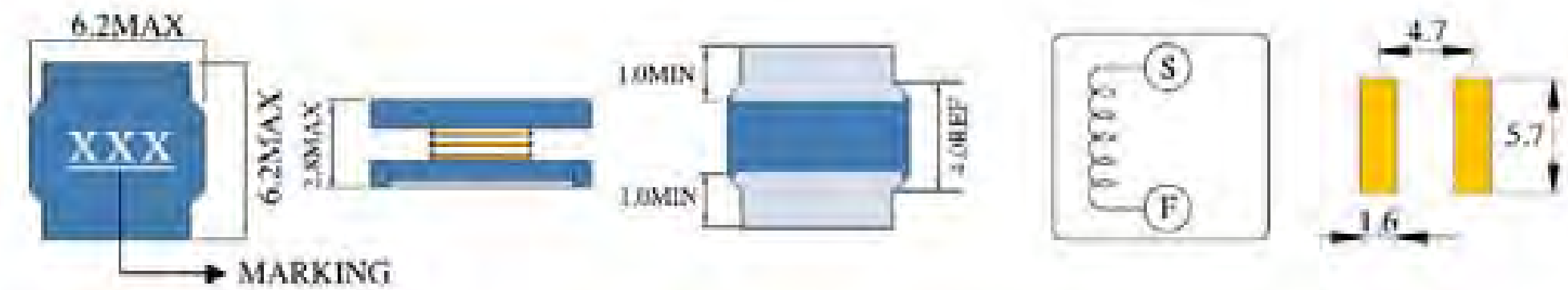


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

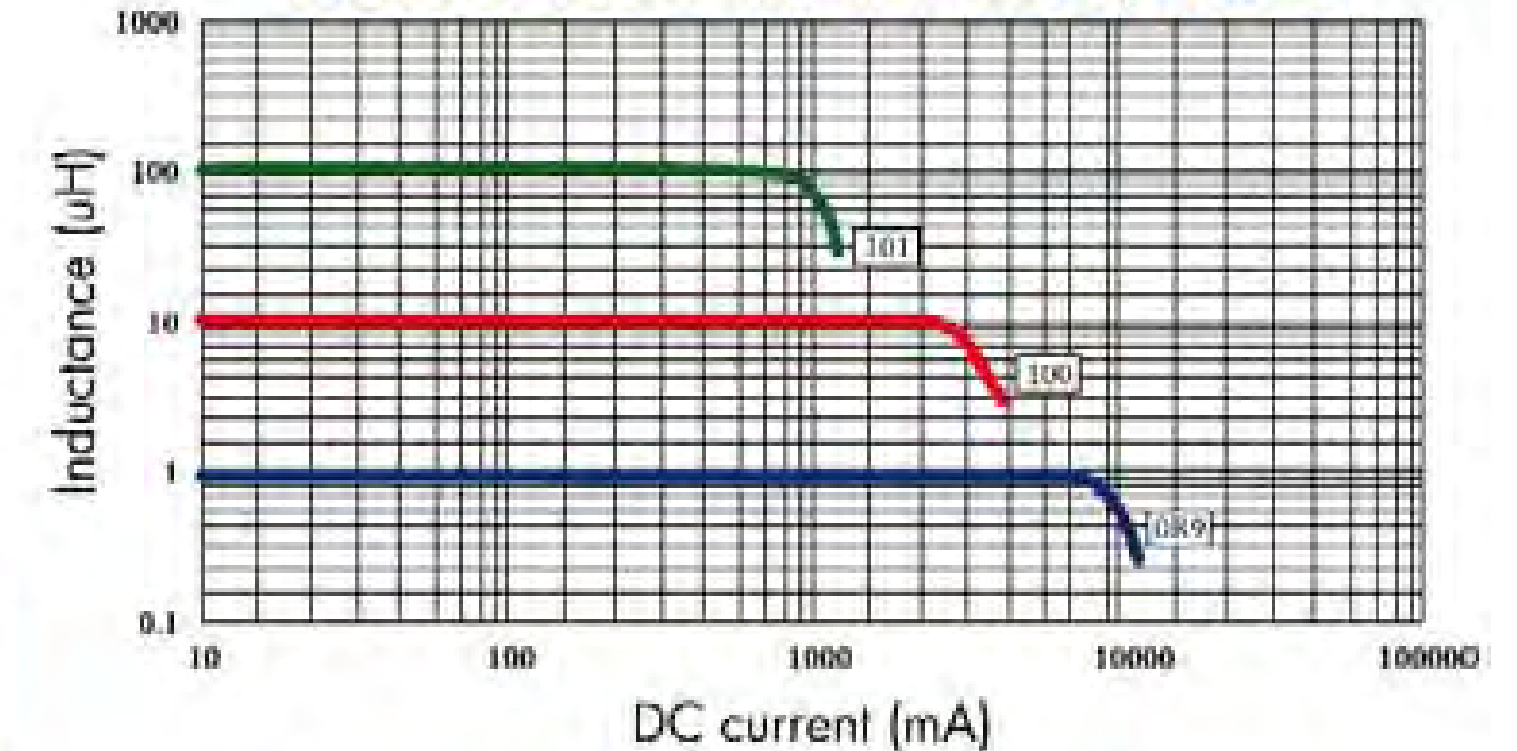
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



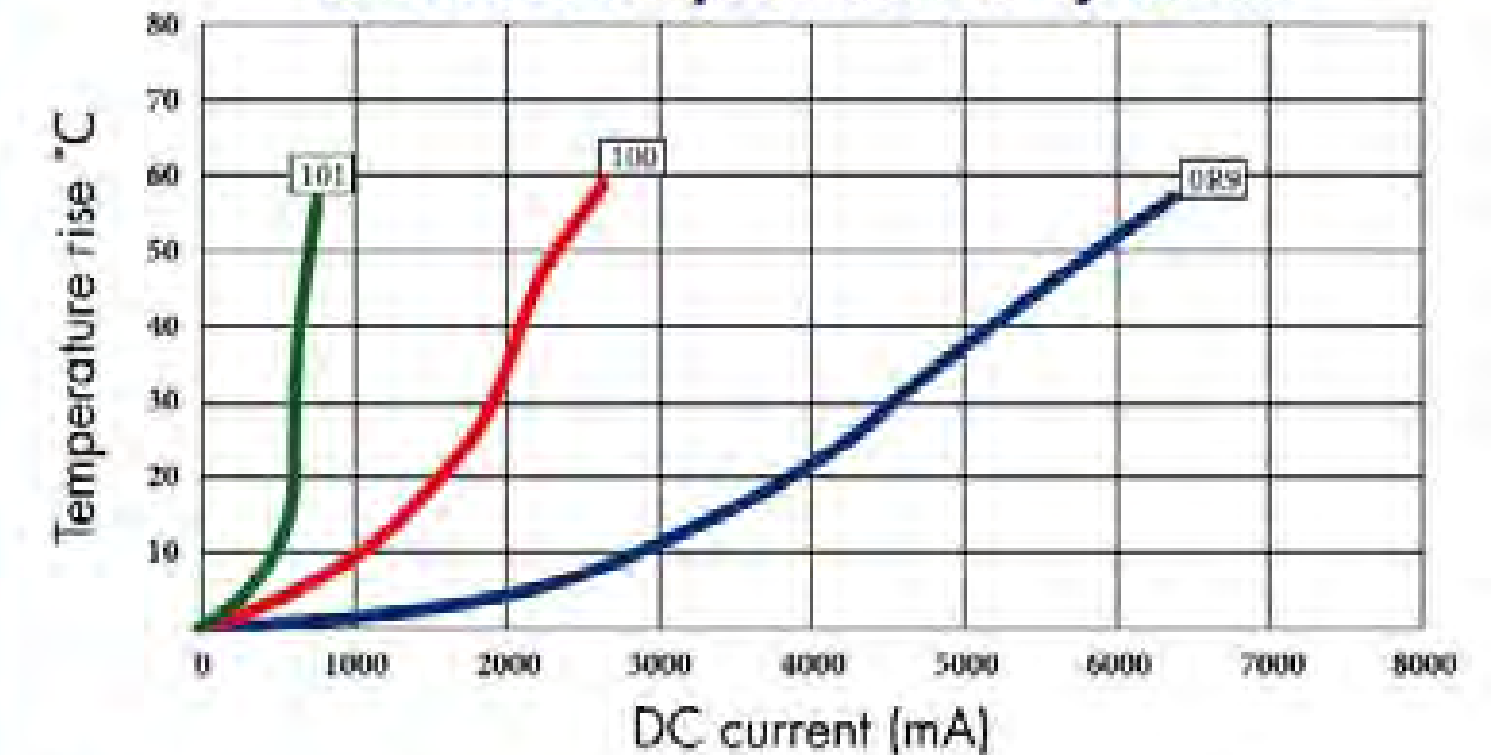
ELECTRICAL CHARACTERISTICS FOR OWI6028 SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI6028-0R9	0.9	100KHZ	17.0m	6.60	4.50
OWI6028-1R5	1.5	100KHZ	21.0m	5.00	4.00
OWI6028-2R2	2.2	100KHZ	26.0m	4.20	3.60
OWI6028-3R0	3.0	100KHZ	30.0m	3.60	3.10
OWI6028-4R7	4.7	100KHZ	37.2m	2.70	2.50
OWI6028-6R0	6.0	100KHZ	48.0m	2.50	2.20
OWI6028-100	10	100KHZ	78.0m	1.90	1.90
OWI6028-150	15	100KHZ	114m	1.60	1.60
OWI6028-220	22	100KHZ	180m	1.30	1.20
OWI6028-330	33	100KHZ	264m	1.10	1.00
OWI6028-470	47	100KHZ	360m	0.95	0.85
OWI6028-680	68	100KHZ	504m	0.76	0.70
OWI6028-101	100	100KHZ	720m	0.62	0.60

OWI6028 Inductance decrease by current



OWI6028 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
0.9μH~3.0μH: ±30%(N) 4.7μH~100μH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 30% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI6045 TYPE

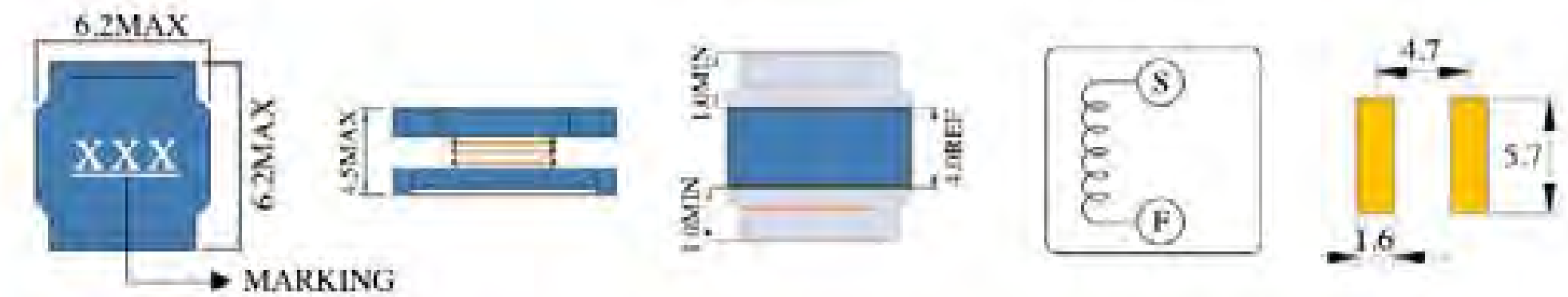


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

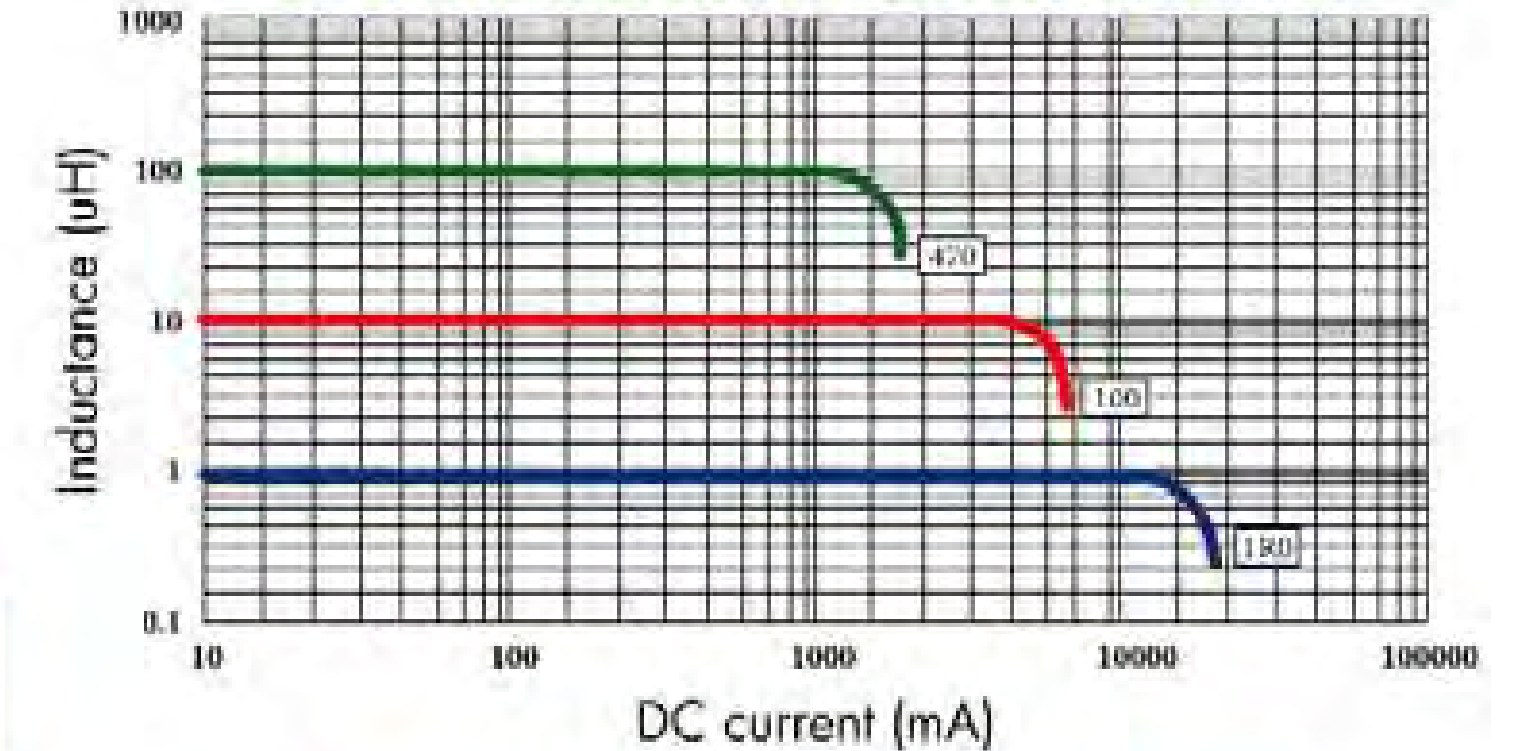
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



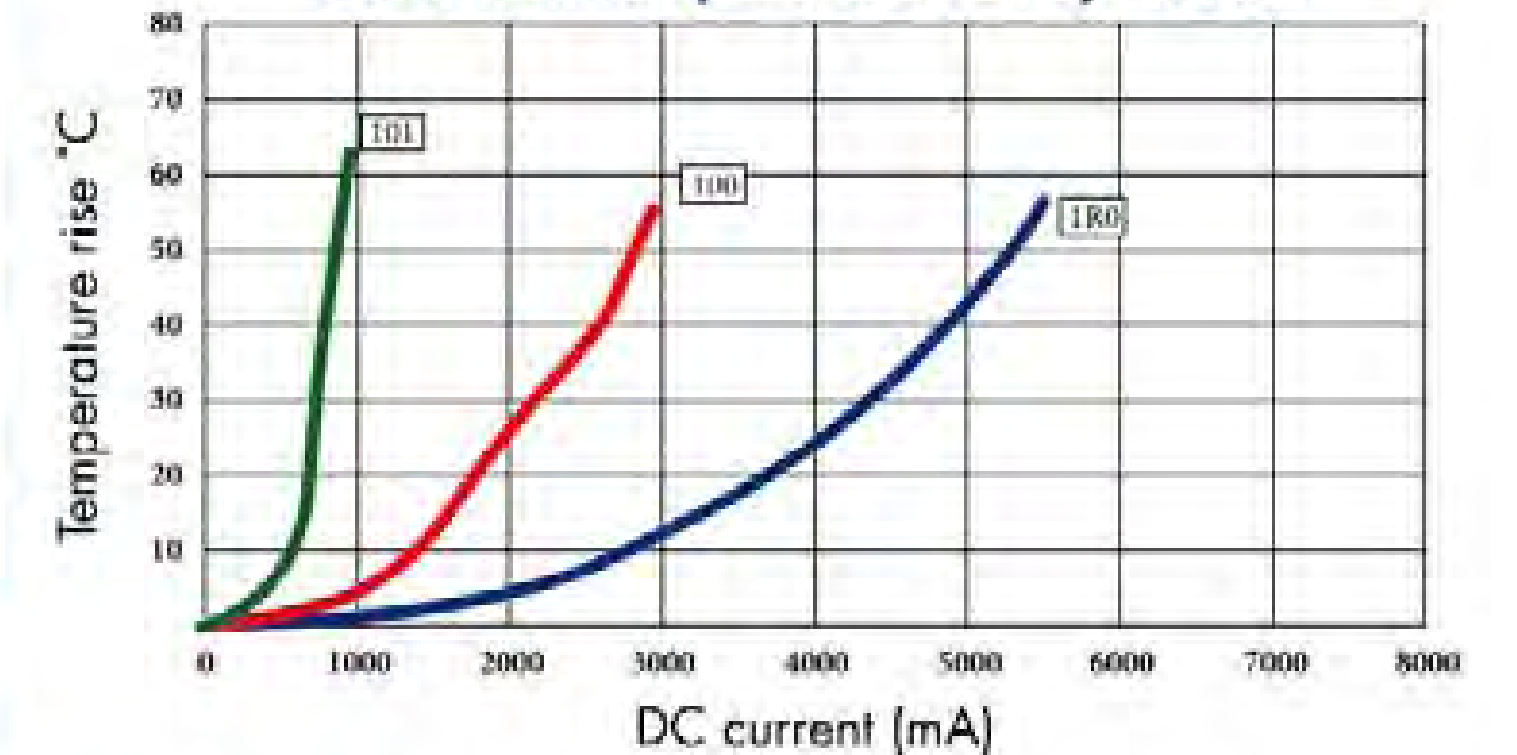
ELECTRICAL CHARACTERISTICS FOR OWI6045 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI6045-1R0	1.0	100KHZ	18.2m	8.5	4.30
OWI6045-1R3	1.3	100KHZ	20.8m	8.0	4.00
OWI6045-1R8	1.8	100KHZ	23.4m	7.0	3.70
OWI6045-2R3	2.3	100KHZ	30.0m	6.0	3.40
OWI6045-3R0	3.0	100KHZ	35.0m	5.0	3.30
OWI6045-4R5	4.5	100KHZ	43.0m	4.0	3.00
OWI6045-6R3	6.3	100KHZ	54.0m	3.8	2.80
OWI6045-100	10	100KHZ	83.0m	3.0	2.15
OWI6045-150	15	100KHZ	114m	2.3	1.90
OWI6045-220	22	100KHZ	175m	1.9	1.60
OWI6045-330	33	100KHZ	240m	1.5	1.30
OWI6045-470	47	100KHZ	330m	1.3	1.00
OWI6045-680	68	100KHZ	470m	1.0	0.80
OWI6045-101	100	100KHZ	720m	0.8	0.70

OWI6045 Inductance decrease by current



OWI6045 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
1uH~6.3uH: ±30%(N) 10uH~100uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 30% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI8040 TYPE

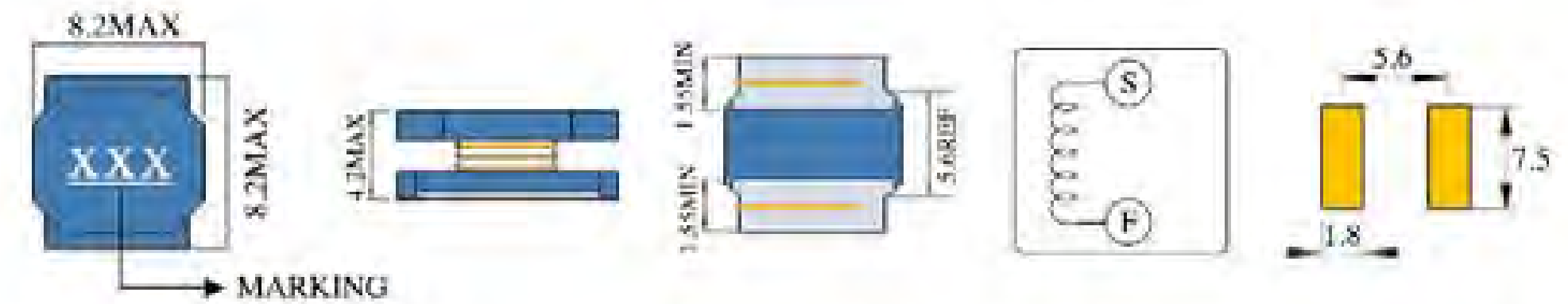


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

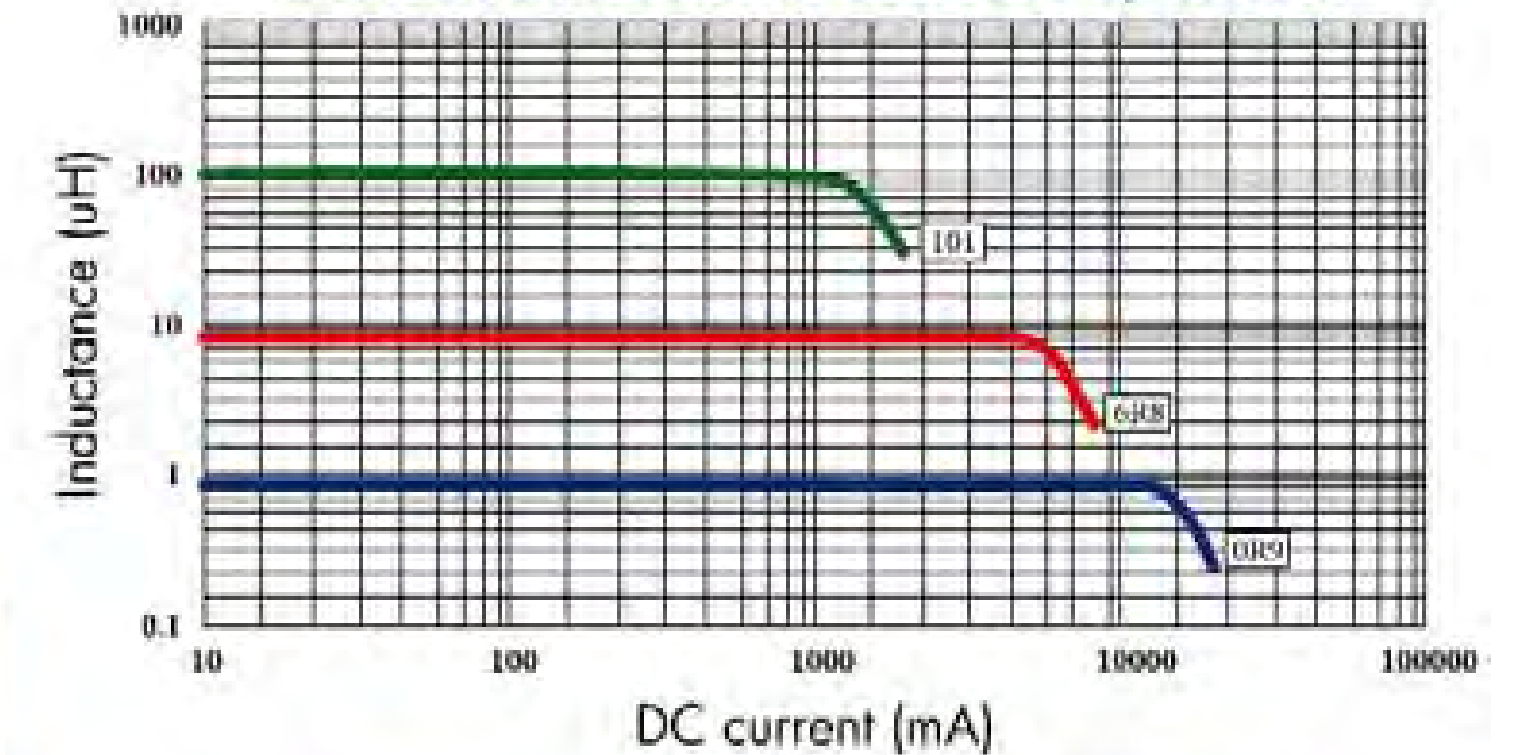
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



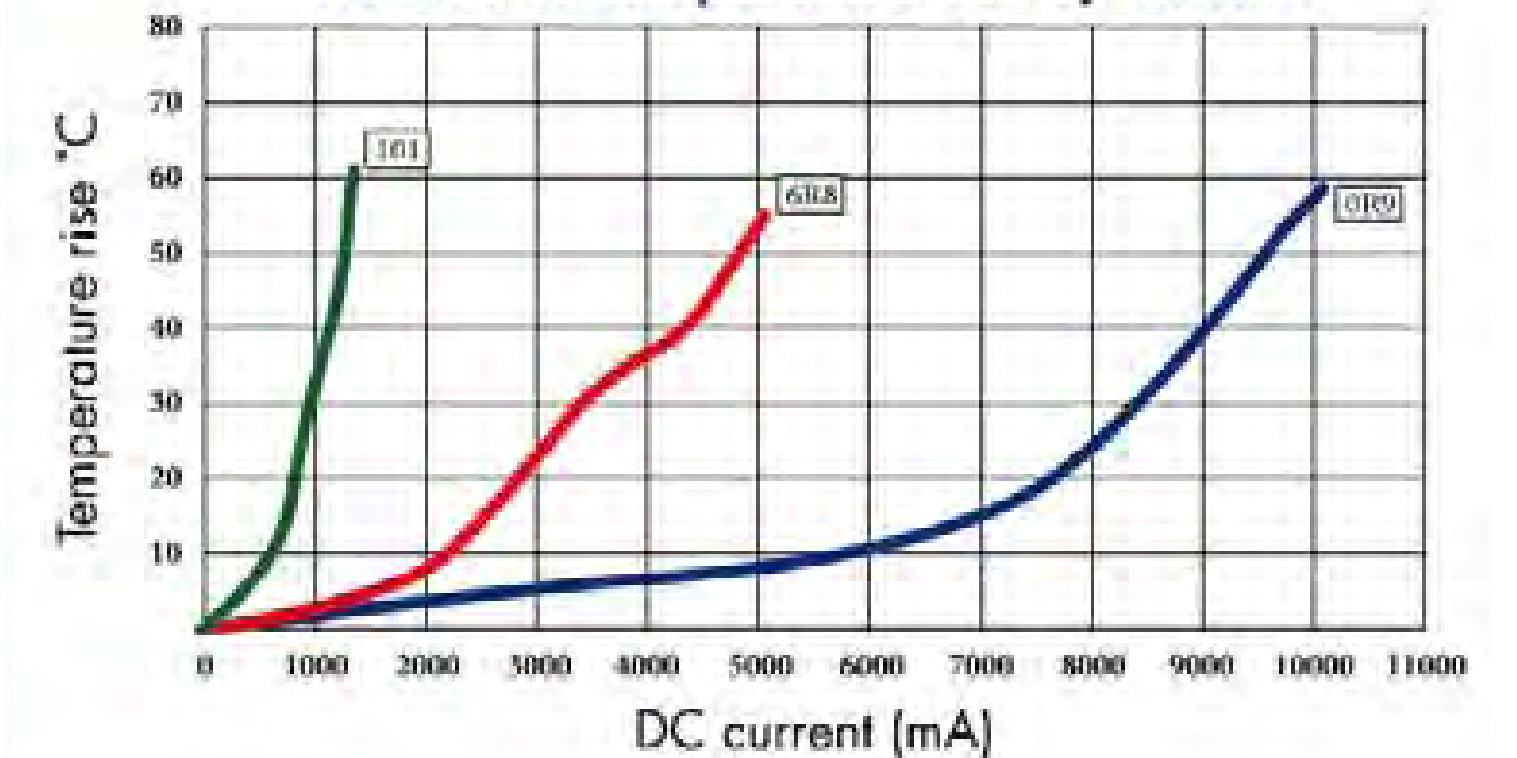
ELECTRICAL CHARACTERISTICS FOR OWI8040 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI8040-0R9	0.9	100KHZ	7.8m	11.0	8.20
OWI8040-1R4	1.4	100KHZ	9.5m	9.0	6.40
OWI8040-2R0	2.0	100KHZ	11.7m	7.4	6.10
OWI8040-3R6	3.6	100KHZ	19.5m	5.3	5.30
OWI8040-4R7	4.7	100KHZ	23.4m	4.7	4.70
OWI8040-6R8	6.8	100KHZ	32.5m	4.0	3.90
OWI8040-100	10	100KHZ	42m	3.4	3.20
OWI8040-150	15	100KHZ	60m	2.7	2.50
OWI8040-220	22	100KHZ	88m	2.2	2.20
OWI8040-330	33	100KHZ	130m	1.9	1.60
OWI8040-470	47	100KHZ	200m	1.5	1.40
OWI8040-680	68	100KHZ	300m	1.2	1.10
OWI8040-101	100	100KHZ	380m	1.0	0.90

OWI8040 Inductance decrease by current



OWI8040 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
0.9uH~6.8uH: ±30%(N) 10uH~100uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 30% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI31 TYPE

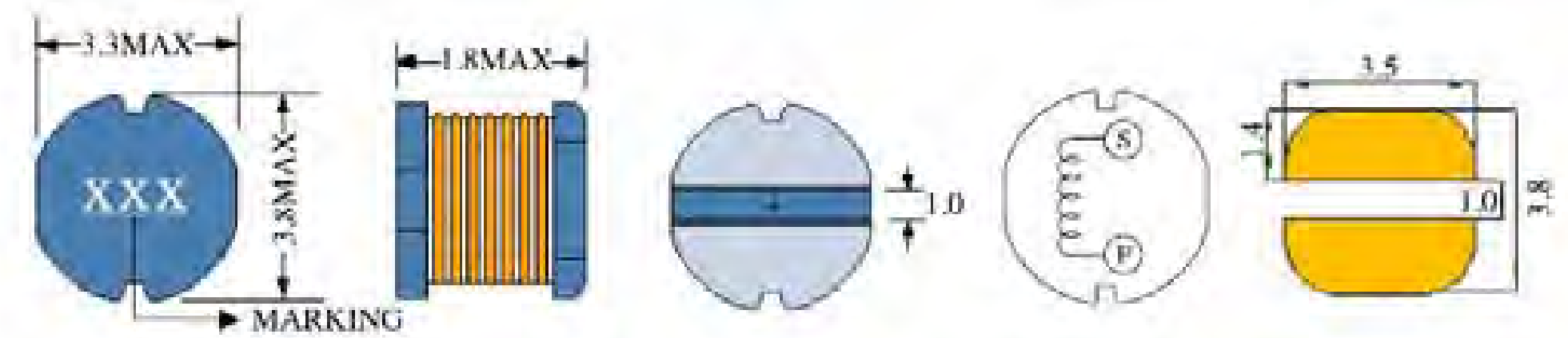


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

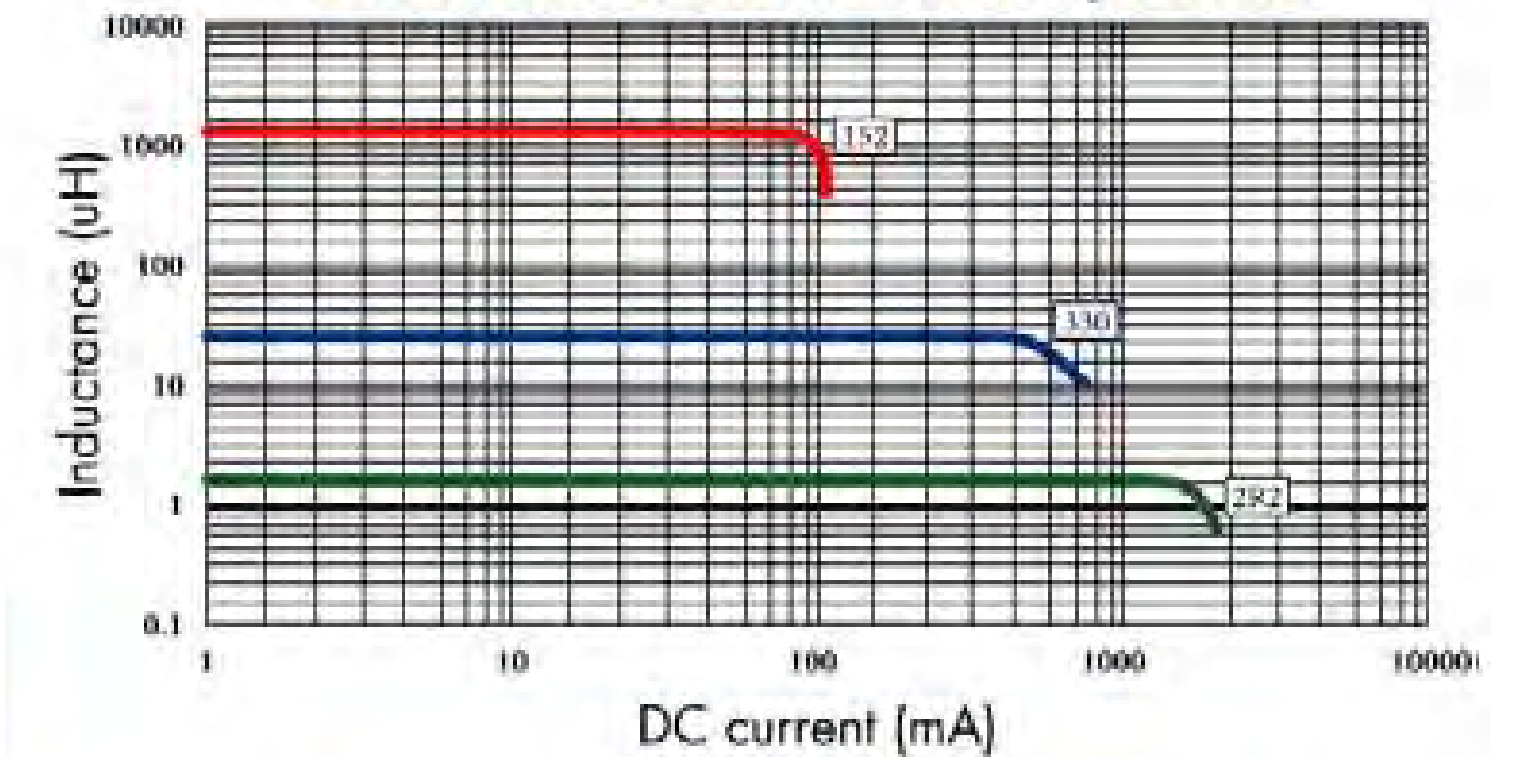
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



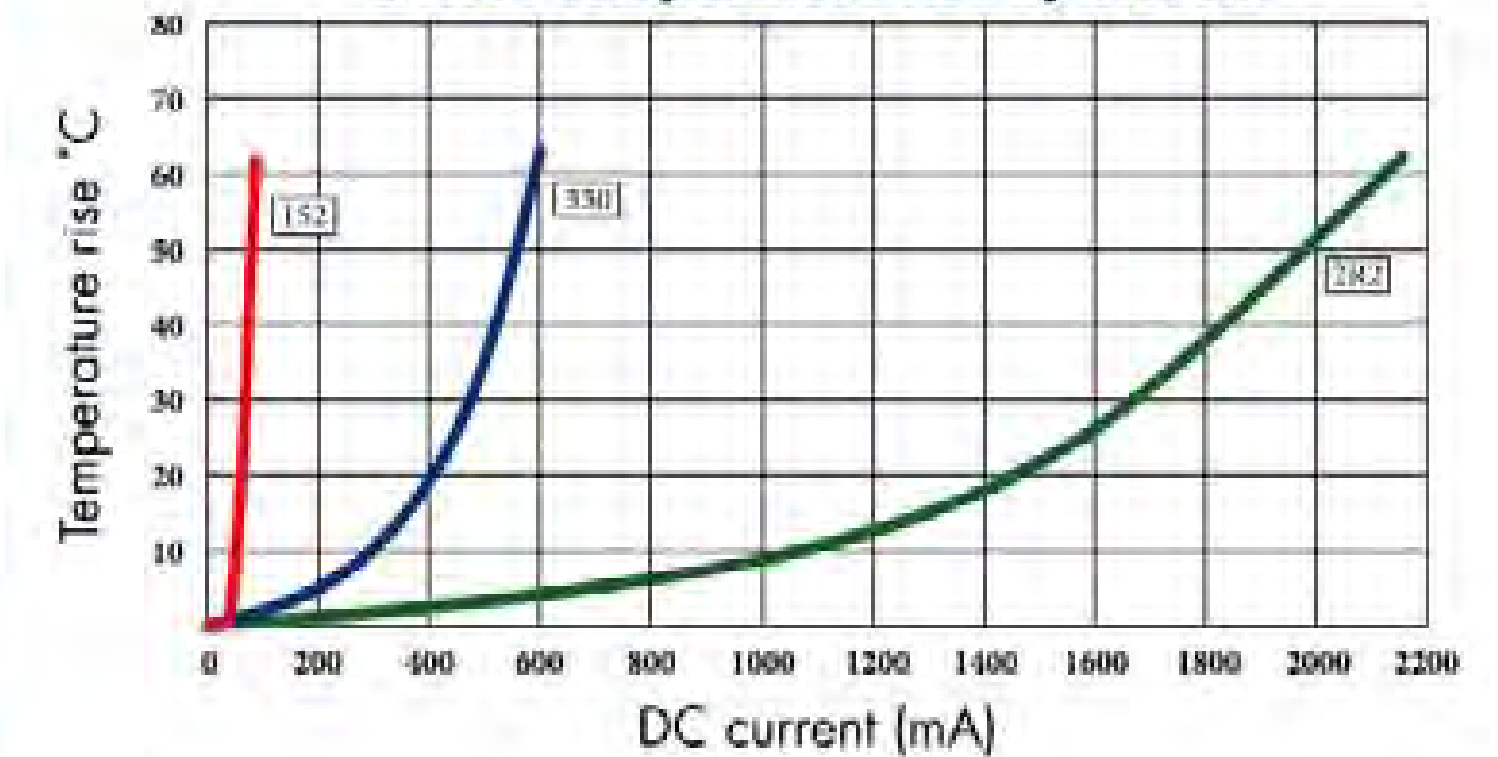
ELECTRICAL CHARACTERISTICS FOR OWI31 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI31-2R2	2.2	1MHZ	0.10	0.79	1.60
OWI31-4R7	4.7	1MHZ	0.19	0.65	1.05
OWI31-100	10	1MHZ	0.35	0.45	0.80
OWI31-150	15	1MHZ	0.65	0.30	0.64
OWI31-220	22	1MHZ	0.76	0.25	0.52
OWI31-330	33	1MHZ	1.2	0.20	0.46
OWI31-470	47	1MHZ	1.7	0.17	0.35
OWI31-680	68	1MHZ	2.5	0.13	0.29
OWI31-101	100	1KHZ	3.4	0.10	0.25
OWI31-122	1200	1KHZ	45.6	0.05	0.08
OWI31-152	1500	1KHZ	66.0	0.03	0.066

OWI31 Inductance decrease by current



OWI31 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25°C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp. change as Δt=40°C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI32 TYPE

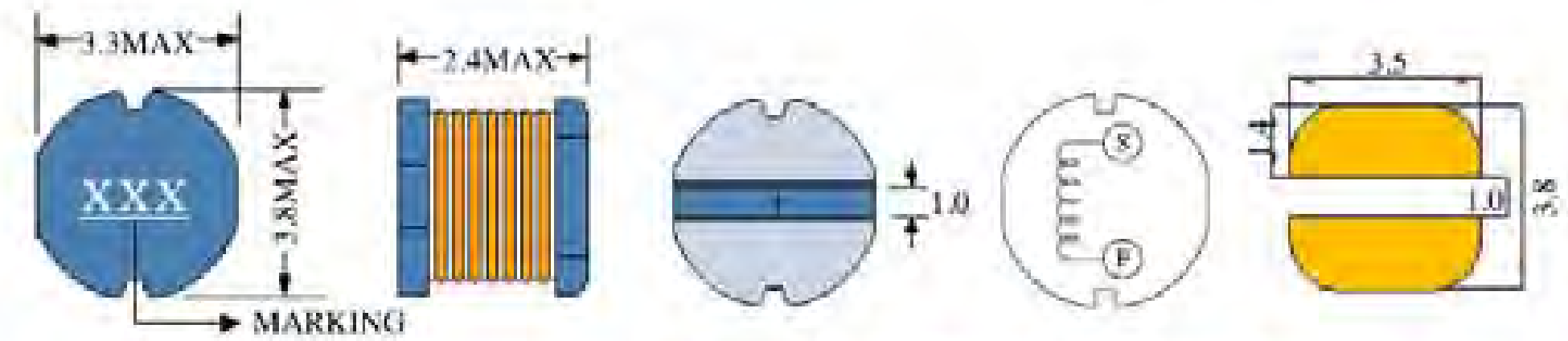


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

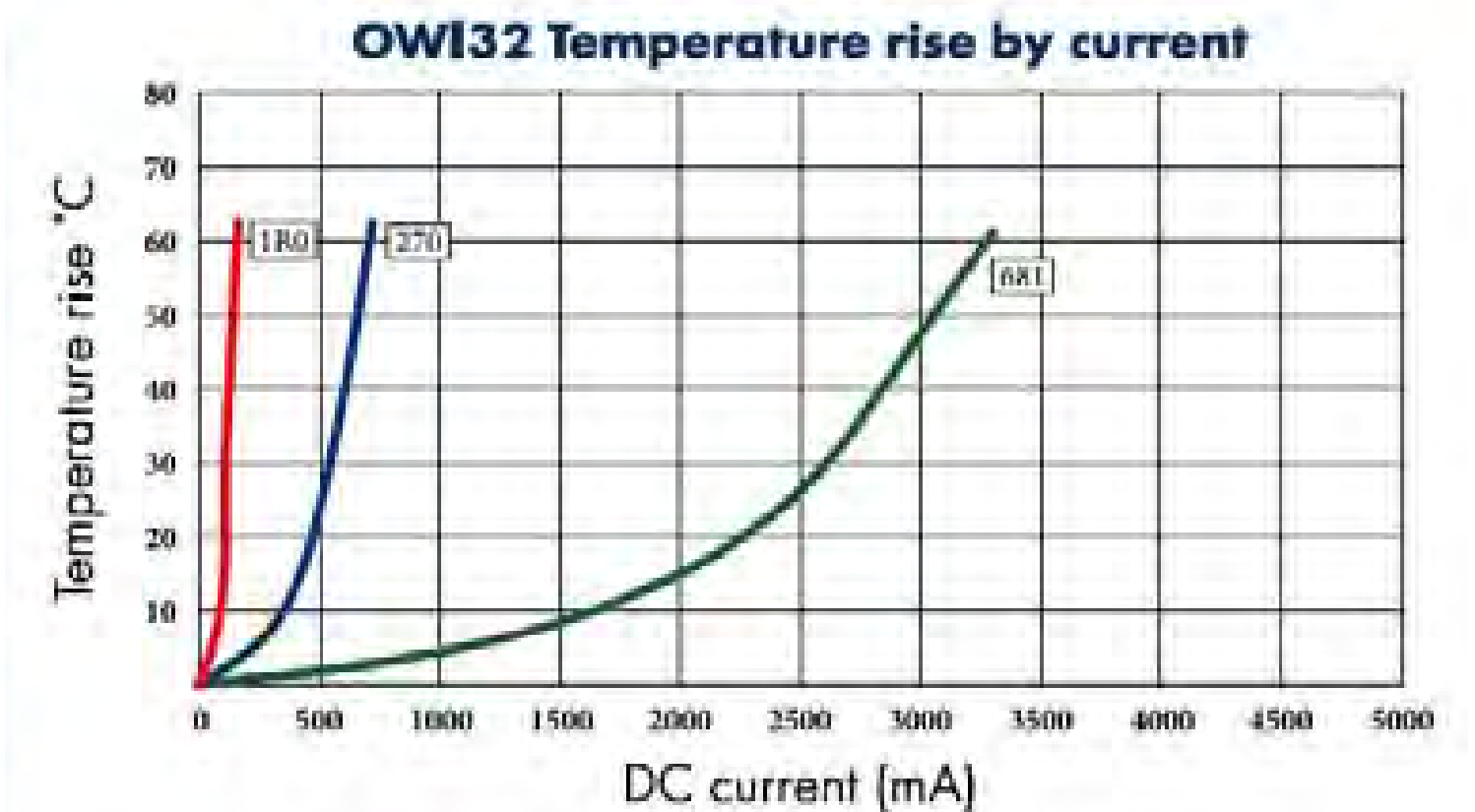
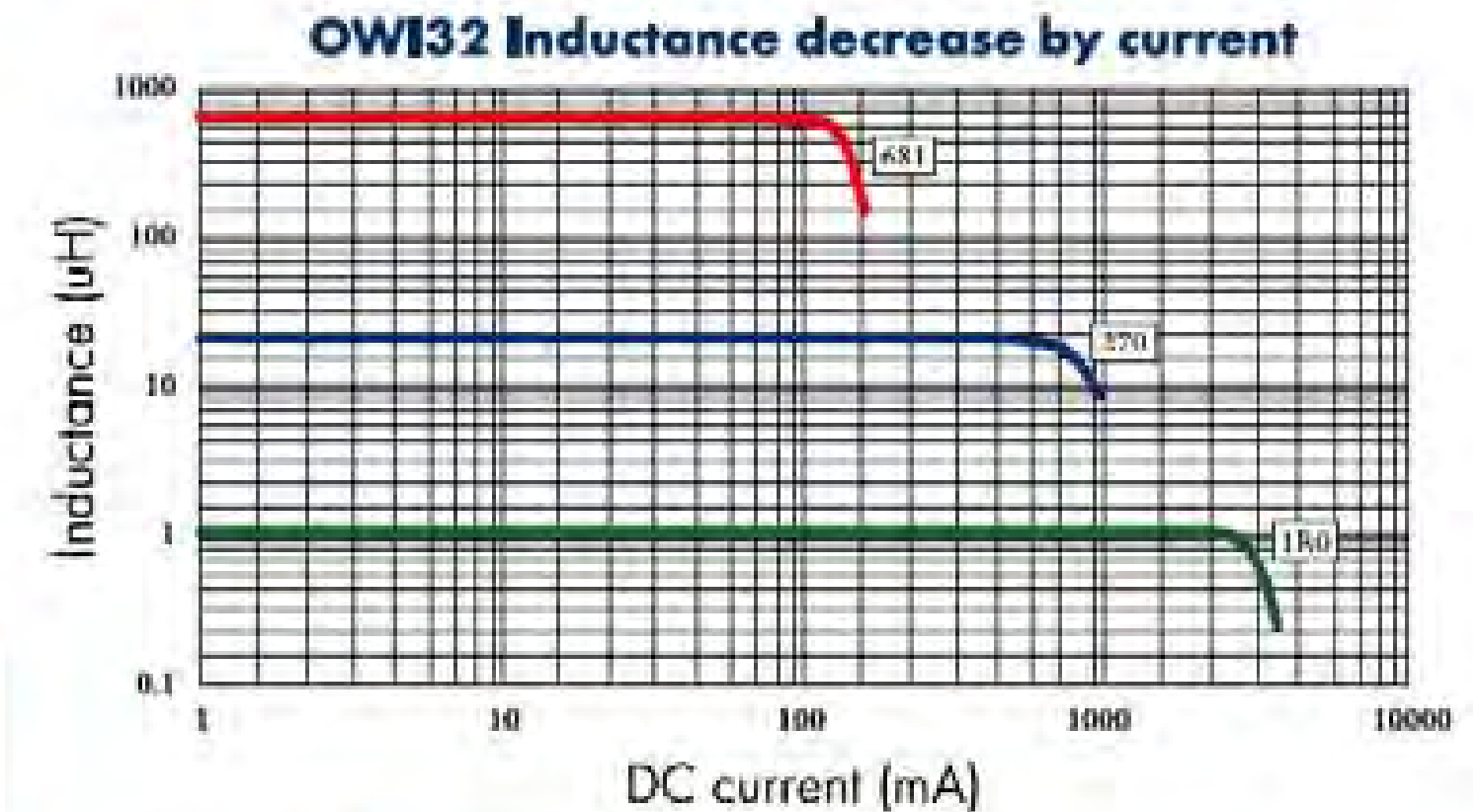
APPLICATIONS

1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



ELECTRICAL CHARACTERISTICS FOR OWI32 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI32-1R0	1.0	7.96MHZ	43m	2.34	2.60
OWI32-1R4	1.4	7.96MHZ	50m	2.04	2.30
OWI32-1R8	1.8	7.96MHZ	68m	1.79	1.90
OWI32-2R2	2.2	7.96MHZ	84m	1.60	1.70
OWI32-2R7	2.7	7.96MHZ	97m	1.50	1.60
OWI32-3R3	3.3	7.96MHZ	104m	1.30	1.55
OWI32-3R9	3.9	7.96MHZ	145m	1.22	1.38
OWI32-4R7	4.7	7.96MHZ	156m	1.05	1.30
OWI32-5R6	5.6	7.96MHZ	194m	0.98	1.15
OWI32-6R8	6.8	7.96MHZ	232m	0.87	1.02
OWI32-8R2	8.2	7.96MHZ	285m	0.77	0.90
OWI32-100	10	2.52MHZ	373m	0.71	0.80
OWI32-120	12	2.52MHZ	397m	0.65	0.72
OWI32-150	15	2.52MHZ	547m	0.57	0.66
OWI32-180	18	2.52MHZ	592m	0.52	0.64
OWI32-220	22	2.52MHZ	720m	0.47	0.60
OWI32-270	27	2.52MHZ	889m	0.44	0.52
OWI32-330	33	2.52MHZ	961m	0.39	0.47
OWI32-390	39	2.52MHZ	1.20	0.36	0.44
OWI32-470	47	2.52MHZ	1.47	0.33	0.40
OWI32-560	56	2.52MHZ	1.80	0.31	0.39
OWI32-680	68	2.52MHZ	2.30	0.28	0.33
OWI32-820	82	2.52MHZ	2.45	0.25	0.31
OWI32-101	100	1KHZ	3.20	0.22	0.29
OWI32-121	120	1KHZ	4.10	0.20	0.25
OWI32-151	150	1KHZ	4.78	0.17	0.23
OWI32-181	180	1KHZ	7.65	0.15	0.20
OWI32-221	220	1KHZ	9.20	0.13	0.17
OWI32-271	270	1KHZ	9.90	0.11	0.15
OWI32-331	330	1KHZ	11.2	0.09	0.14
OWI32-391	390	1KHZ	12.7	0.09	0.13
OWI32-471	470	1KHZ	14.0	0.08	0.13
OWI32-561	560	1KHZ	19.8	0.07	0.12
OWI32-681	680	1KHZ	22.7	0.06	0.11



1. Inductance tested at 0.25V. Tolerance of inductance:
1.0uH: ±30%(N) 1.4uH~680uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as ΔT=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI43 TYPE

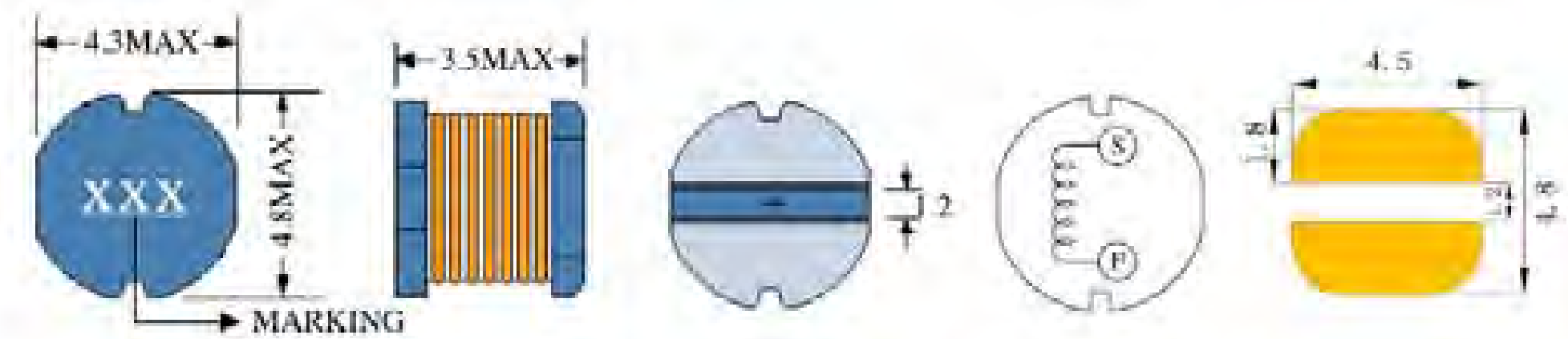


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

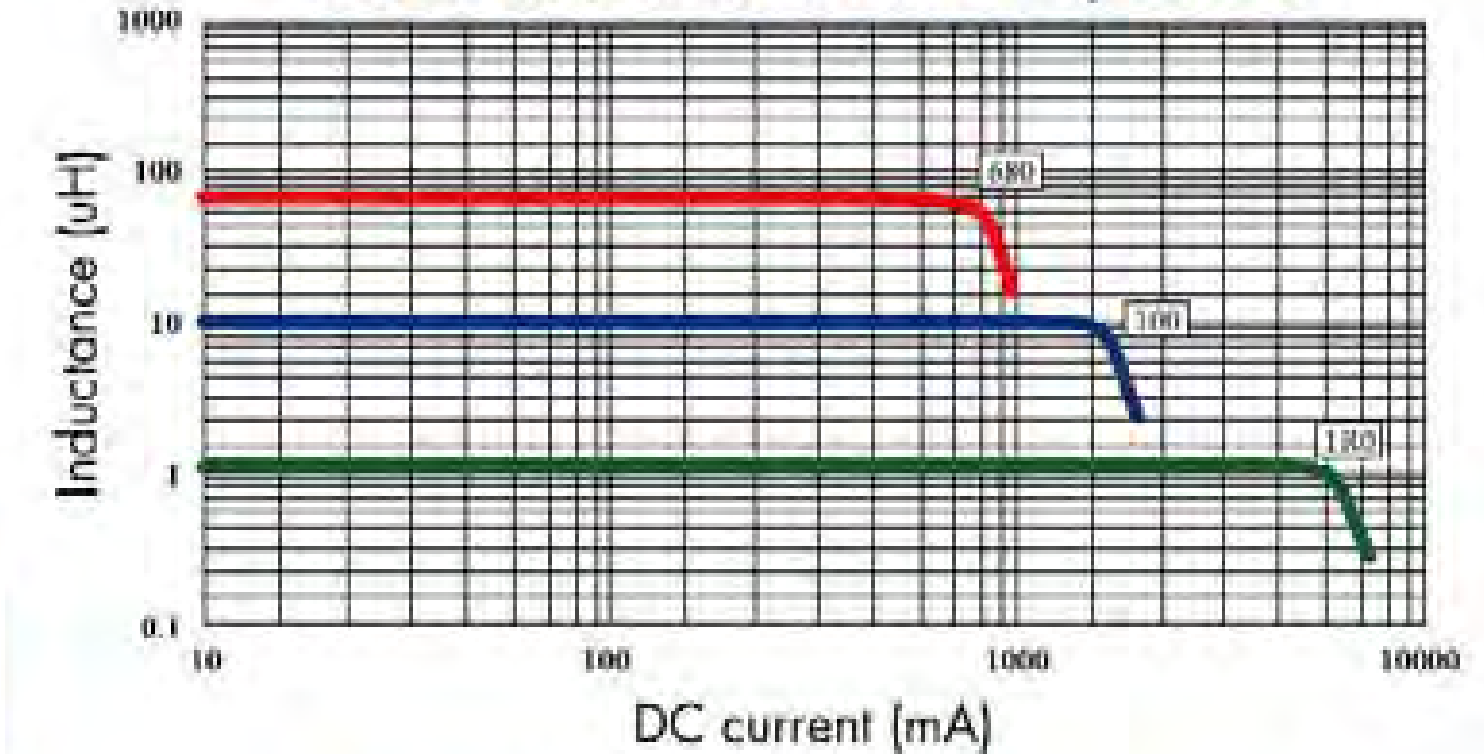
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



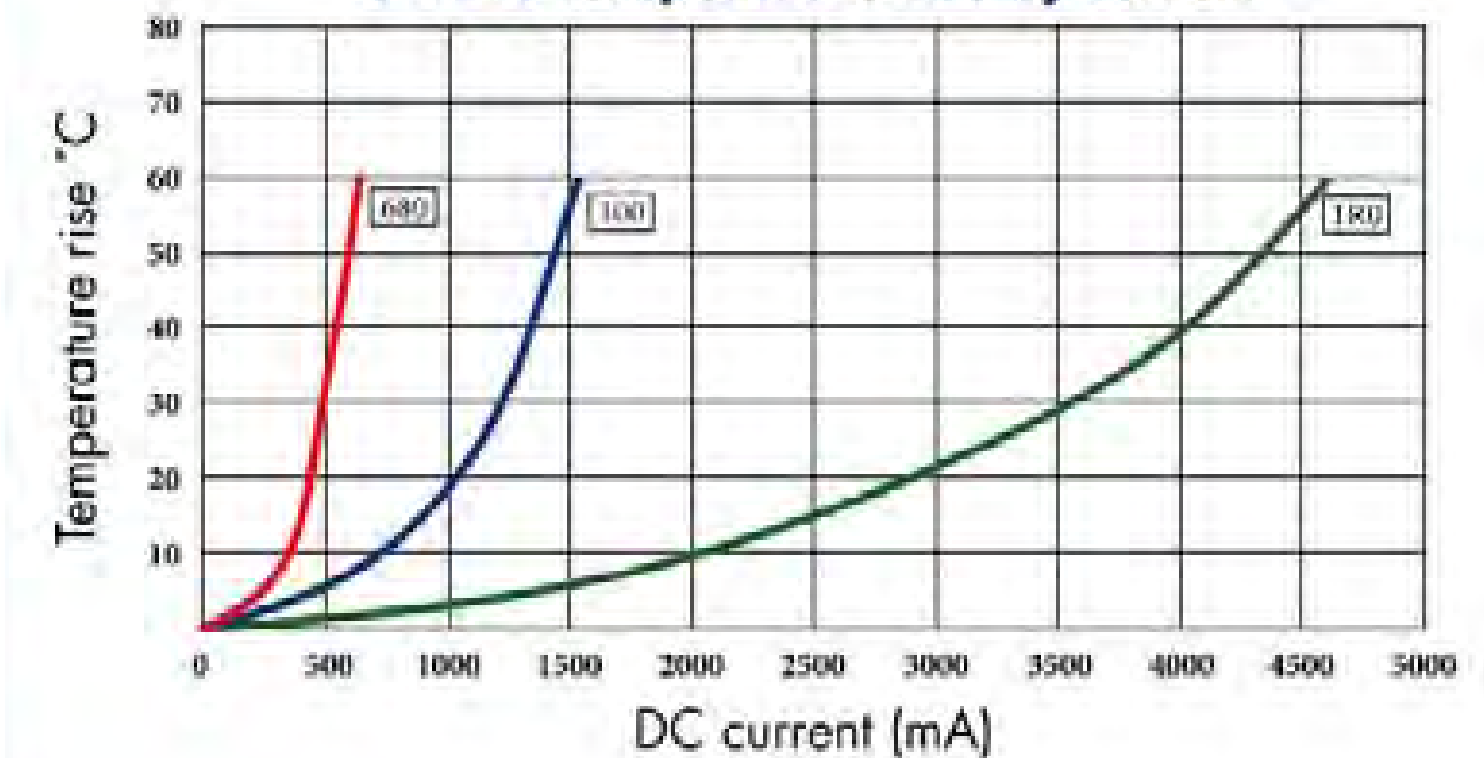
ELECTRICAL CHARACTERISTICS FOR OWI43 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI43-1R0	1.0	7.96MHZ	33m	3.80	3.20
OWI43-1R4	1.4	7.96MHZ	38m	3.30	3.10
OWI43-1R8	1.8	7.96MHZ	42m	2.91	2.90
OWI43-2R2	2.2	7.96MHZ	47m	2.60	2.70
OWI43-2R7	2.7	7.96MHZ	52m	2.43	2.50
OWI43-3R3	3.3	7.96MHZ	58m	2.15	2.15
OWI43-3R9	3.9	7.96MHZ	76m	1.98	1.98
OWI43-4R7	4.7	7.96MHZ	94m	1.70	1.72
OWI43-5R6	5.6	7.96MHZ	101m	1.60	1.68
OWI43-6R8	6.8	7.96MHZ	117m	1.41	1.58
OWI43-8R2	8.2	7.96MHZ	132m	1.26	1.40
OWI43-100	10	2.52MHZ	182m	1.15	1.25
OWI43-120	12	2.52MHZ	210m	1.05	1.20
OWI43-150	15	2.52MHZ	235m	0.92	1.10
OWI43-180	18	2.52MHZ	338m	0.84	0.95
OWI43-220	22	2.52MHZ	378m	0.76	0.86
OWI43-270	27	2.52MHZ	522m	0.71	0.74
OWI43-330	33	2.52MHZ	540m	0.64	0.72
OWI43-390	39	2.52MHZ	587m	0.59	0.64
OWI43-470	47	2.52MHZ	844m	0.54	0.60
OWI43-560	56	2.52MHZ	937m	0.50	0.54
OWI43-680	68	2.52MHZ	1117m	0.46	0.48

OWI43 Inductance decrease by current



OWI43 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
1.0uH: ±30%(N) 1.4uH~68uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp. change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI52 TYPE

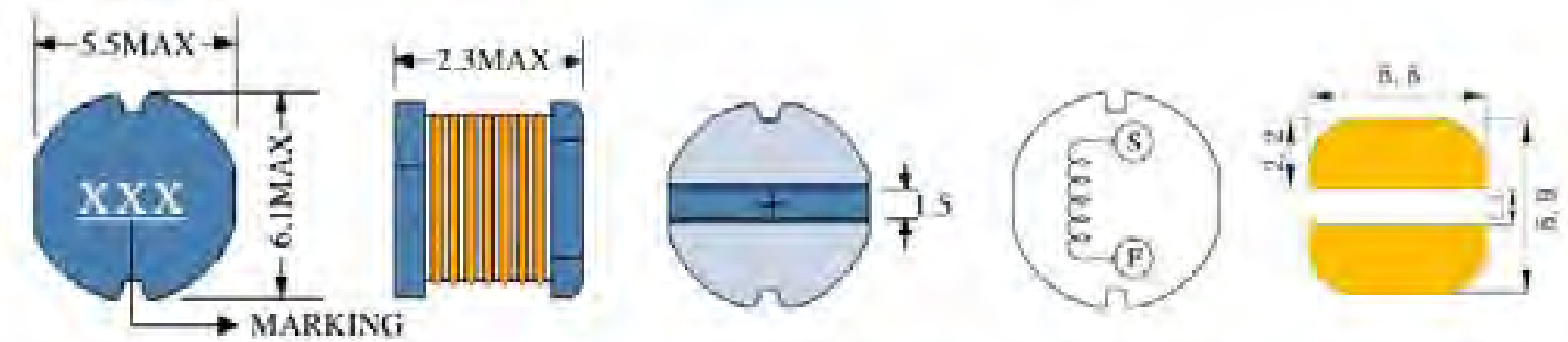


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

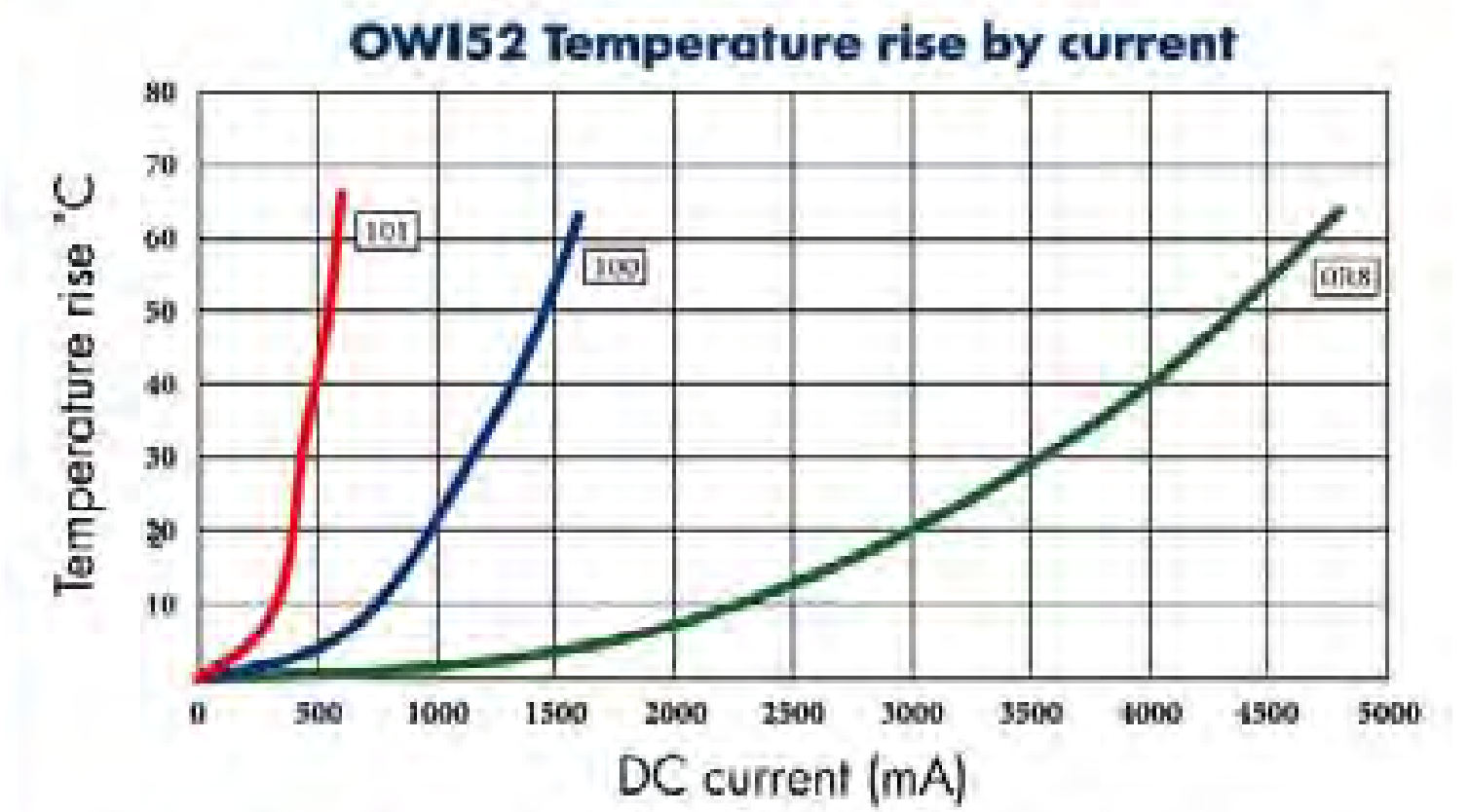
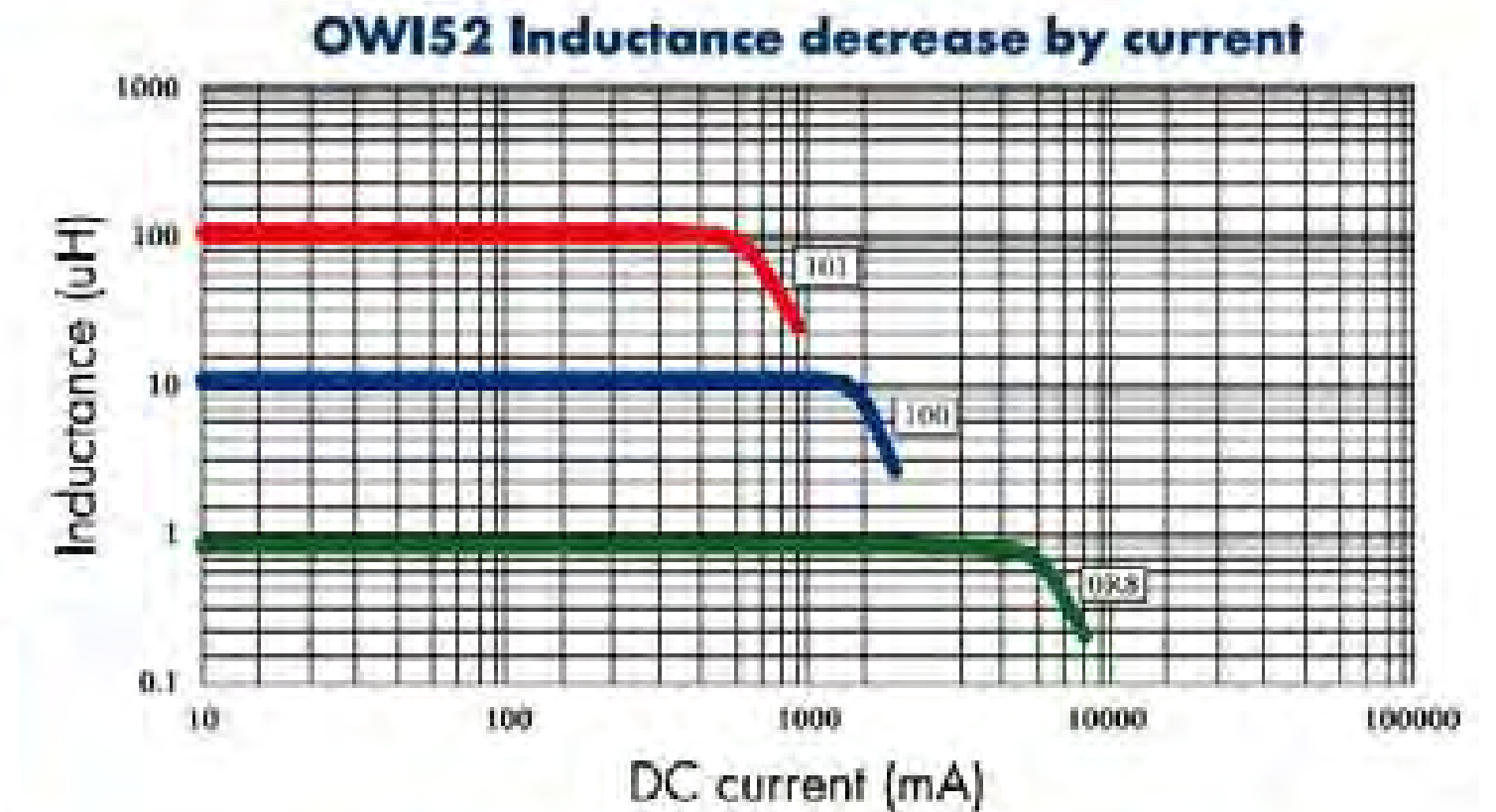
APPLICATIONS

1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



ELECTRICAL CHARACTERISTICS FOR OWI52 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI52-R80	0.8	7.96MHZ	29m	3.00	3.50
OWI52-1R2	1.2	7.96MHZ	36m	2.80	3.30
OWI52-1R8	1.8	7.96MHZ	54m	2.40	2.50
OWI52-2R2	2.2	7.96MHZ	56m	2.20	2.30
OWI52-3R3	3.3	7.96MHZ	74m	2.00	2.00
OWI52-3R9	3.9	7.96MHZ	84m	1.80	1.80
OWI52-4R7	4.7	7.96MHZ	108m	1.66	1.65
OWI52-5R6	5.6	7.96MHZ	118m	1.53	1.50
OWI52-6R8	6.8	7.96MHZ	128m	1.39	1.40
OWI52-8R2	8.2	7.96MHZ	156m	1.20	1.32
OWI52-100	10	2.52MHZ	200m	1.15	1.15
OWI52-120	12	2.52MHZ	210m	1.02	1.05
OWI52-150	15	2.52MHZ	270m	0.88	0.96
OWI52-180	18	2.52MHZ	325m	0.80	0.88
OWI52-220	22	2.52MHZ	400m	0.74	0.84
OWI52-270	27	2.52MHZ	470m	0.66	0.78
OWI52-330	33	2.52MHZ	580m	0.62	0.70
OWI52-390	39	2.52MHZ	660m	0.56	0.64
OWI52-470	47	2.52MHZ	767m	0.53	0.58
OWI52-560	56	2.52MHZ	1.02	0.49	0.54
OWI52-680	68	2.52MHZ	1.165	0.44	0.50
OWI52-820	82	2.52MHZ	1.37	0.40	0.47
OWI52-101	100	1KHZ	1.44	0.37	0.44



1. Inductance tested at 0.25V. Tolerance of inductance:
0.8uH: ±30%(N) 1.2uH~100uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI53 TYPE

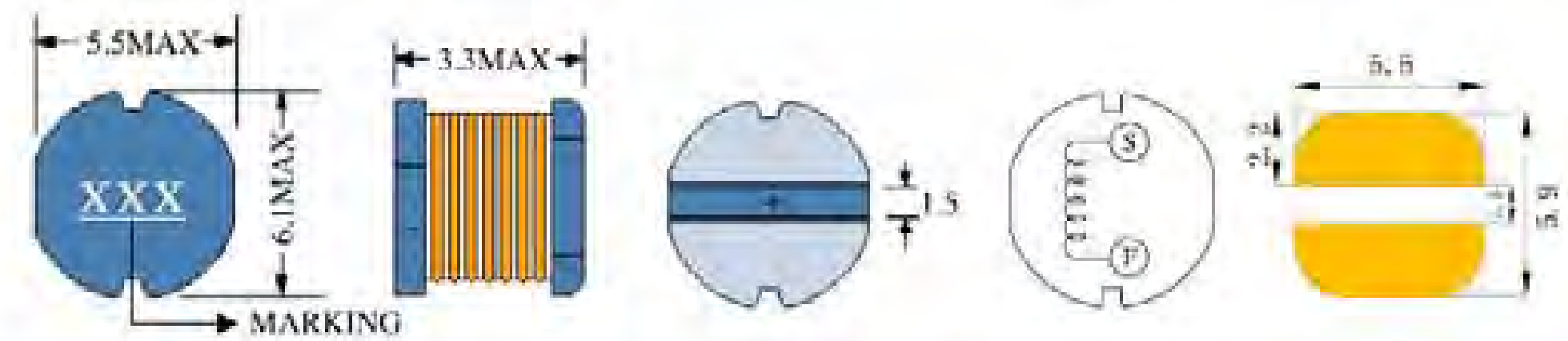


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

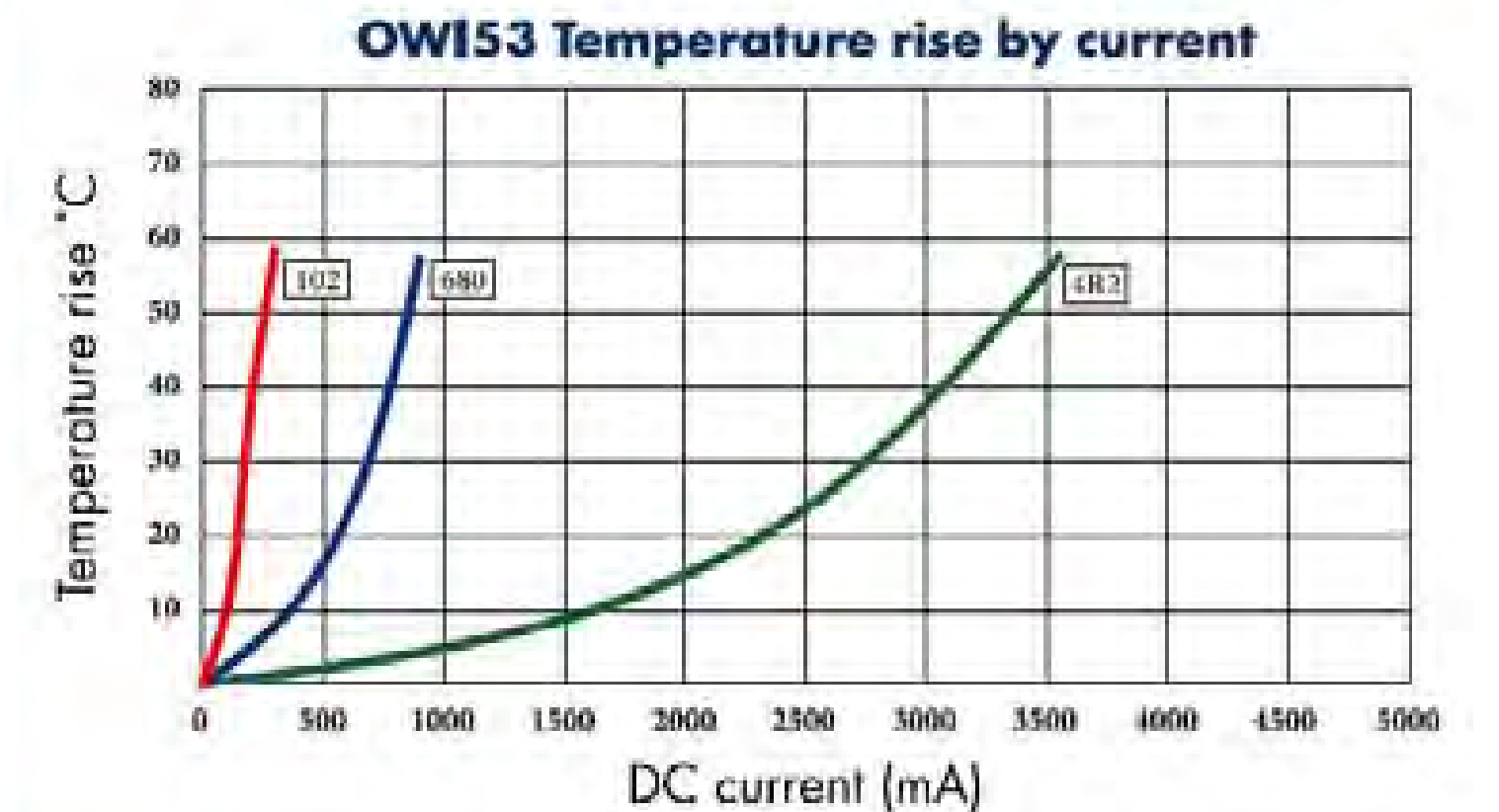
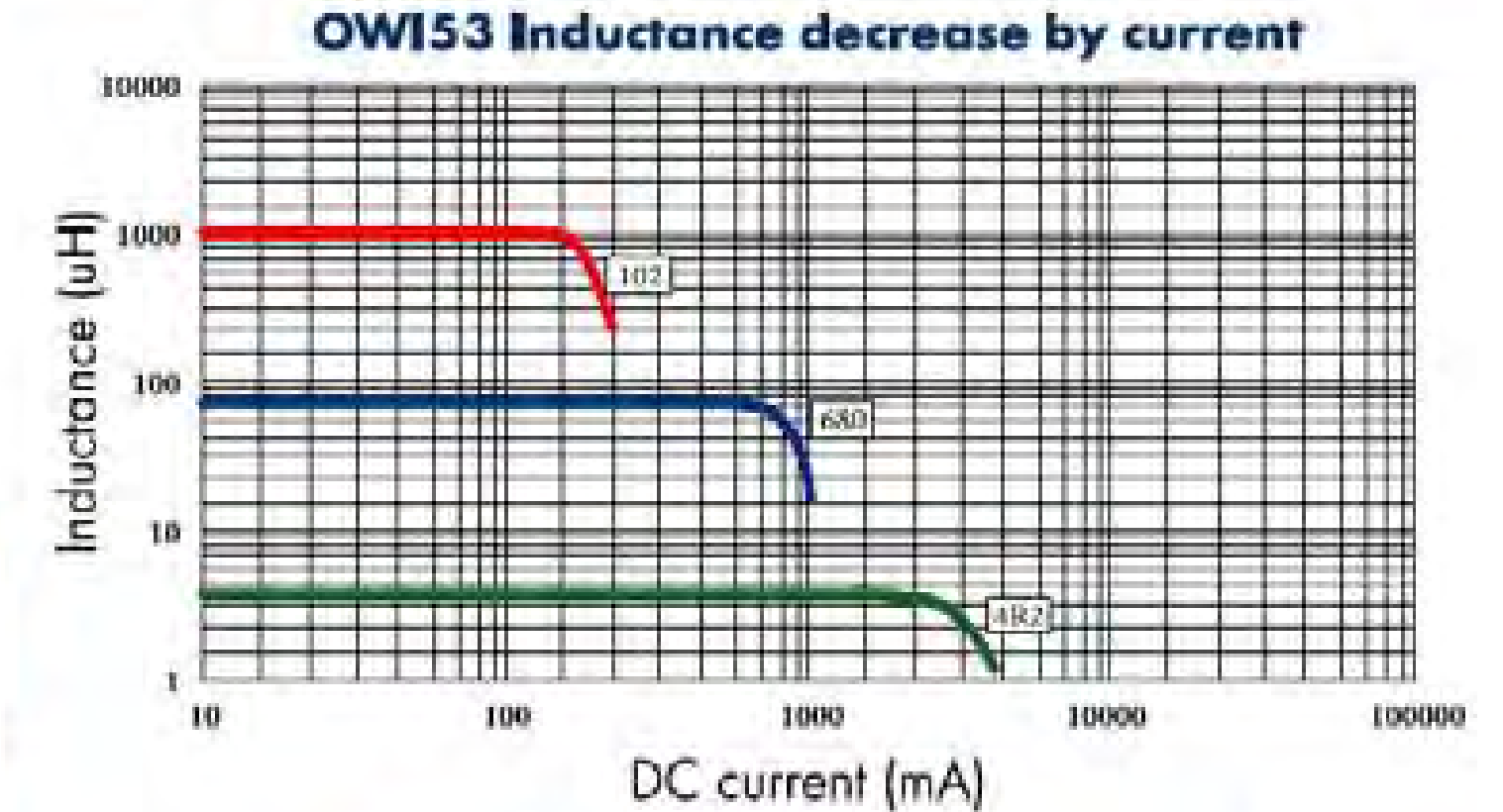
APPLICATIONS

1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



ELECTRICAL CHARACTERISTICS FOR OWI53 SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI53-4R2	4.2	7.96MHZ	70m	1.85	2.60
OWI53-6R2	6.2	7.96MHZ	85m	1.75	2.20
OWI53-100	10	2.52MHZ	0.11	1.30	1.85
OWI53-120	12	2.52MHZ	0.13	1.23	1.60
OWI53-150	15	2.52MHZ	0.16	1.10	1.50
OWI53-180	18	2.52MHZ	0.18	1.05	1.40
OWI53-220	22	2.52MHZ	0.23	0.93	1.30
OWI53-270	27	2.52MHZ	0.25	0.84	1.20
OWI53-330	33	2.52MHZ	0.30	0.76	1.02
OWI53-390	39	2.52MHZ	0.35	0.68	0.95
OWI53-470	47	2.52MHZ	0.43	0.63	0.85
OWI53-560	56	2.52MHZ	0.54	0.59	0.78
OWI53-680	68	2.52MHZ	0.59	0.53	0.70
OWI53-820	82	2.52MHZ	0.72	0.48	0.62
OWI53-101	100	1KHZ	0.92	0.45	0.56
OWI53-121	120	1KHZ	1.01	0.42	0.52
OWI53-151	150	1KHZ	1.3	0.38	0.46
OWI53-181	180	1KHZ	1.6	0.35	0.40
OWI53-221	220	1KHZ	1.8	0.32	0.38
OWI53-271	270	1KHZ	2.4	0.30	0.35
OWI53-331	330	1KHZ	3.2	0.28	0.31
OWI53-391	390	1KHZ	3.5	0.26	0.29
OWI53-471	470	1KHZ	4.2	0.20	0.25
OWI53-561	560	1KHZ	4.9	0.19	0.22
OWI53-681	680	1KHZ	6.7	0.18	0.20
OWI53-821	820	1KHZ	7.8	0.15	0.18
OWI53-102	1000	1KHZ	8.8	0.13	0.17



1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI54 TYPE

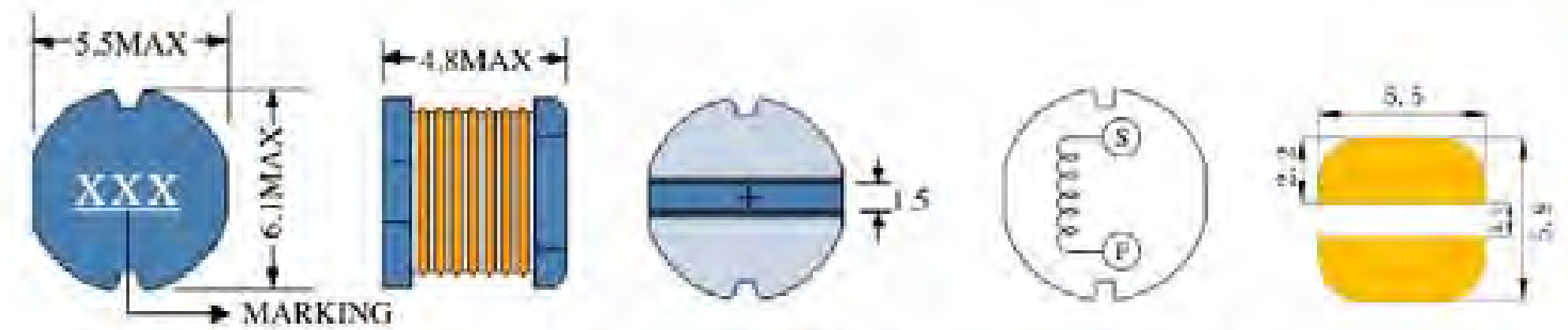


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

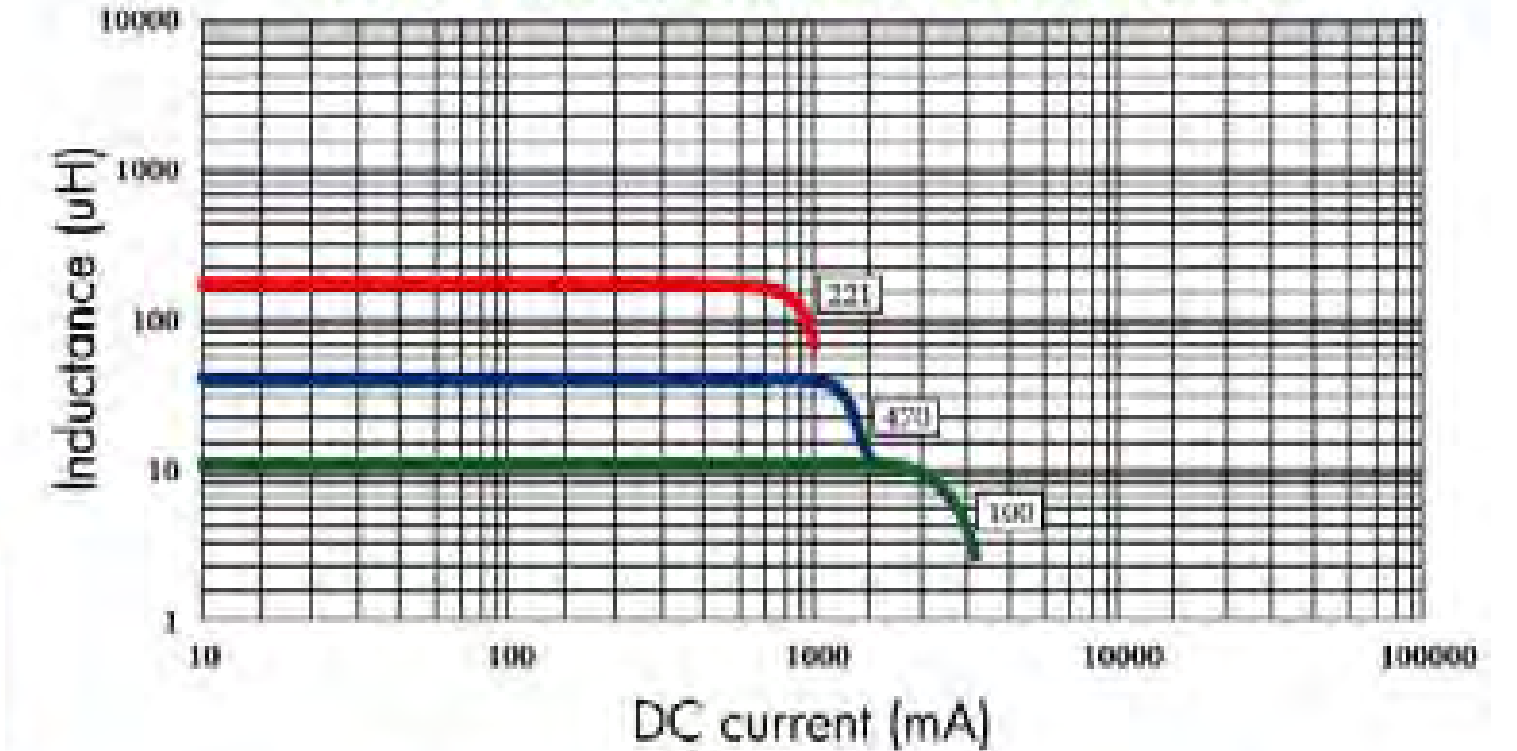
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



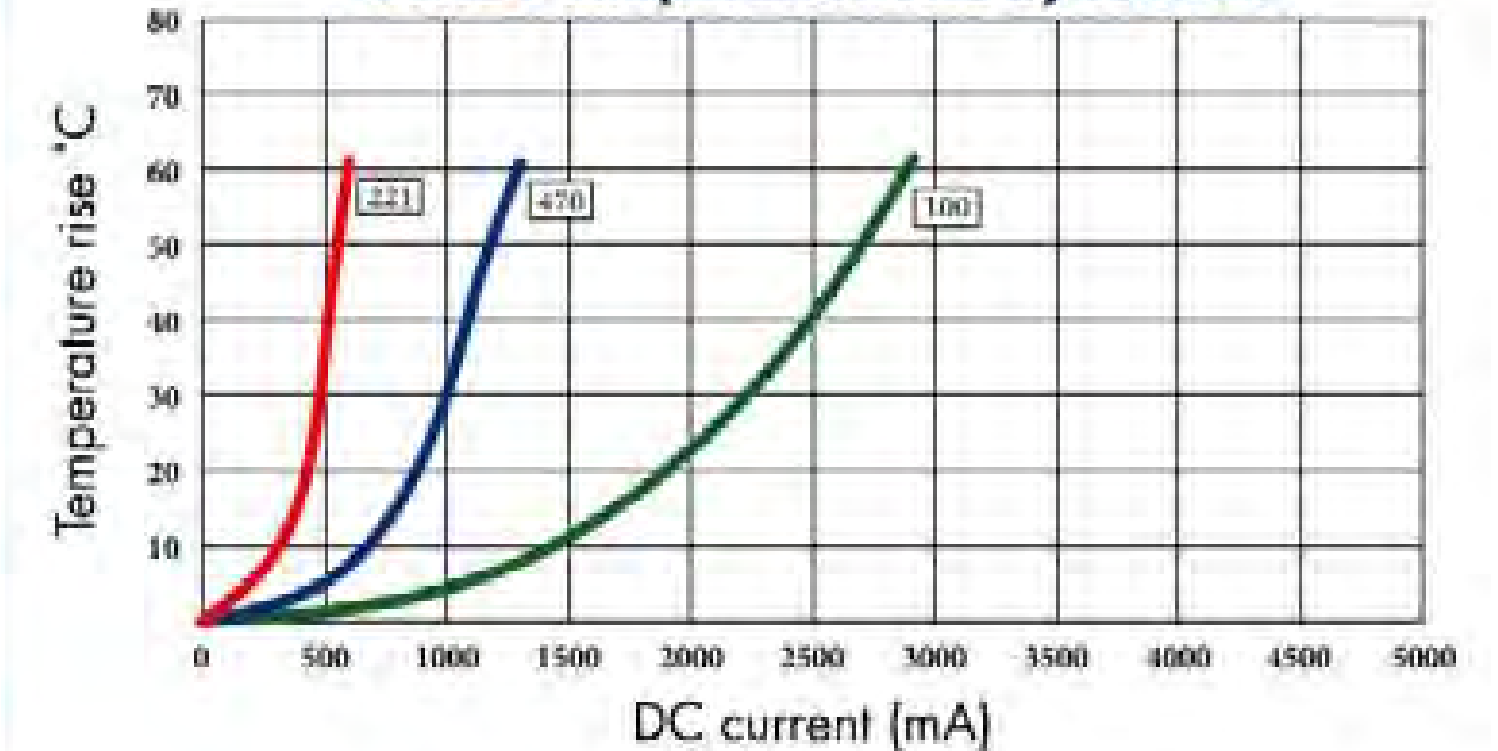
ELECTRICAL CHARACTERISTICS FOR OWI54 SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI54-100	10	2.52MHZ	0.10	1.44	2.20
OWI54-120	12	2.52MHZ	0.12	1.40	1.98
OWI54-150	15	2.52MHZ	0.14	1.30	1.76
OWI54-180	18	2.52MHZ	0.15	1.23	1.65
OWI54-220	22	2.52MHZ	0.18	1.11	1.45
OWI54-270	27	2.52MHZ	0.20	0.97	1.30
OWI54-330	33	2.52MHZ	0.23	0.88	1.20
OWI54-390	39	2.52MHZ	0.32	0.80	1.10
OWI54-470	47	2.52MHZ	0.37	0.72	1.00
OWI54-560	56	2.52MHZ	0.42	0.68	0.86
OWI54-680	68	2.52MHZ	0.46	0.61	0.78
OWI54-820	82	2.52MHZ	0.60	0.58	0.70
OWI54-101	100	1KHZ	0.70	0.52	0.64
OWI54-121	120	1KHZ	0.93	0.48	0.58
OWI54-151	150	1KHZ	1.10	0.40	0.54
OWI54-181	180	1KHZ	1.38	0.38	0.52
OWI54-221	220	1KHZ	1.57	0.35	0.48

OWI54 Inductance decrease by current



OWI54 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI73 TYPE

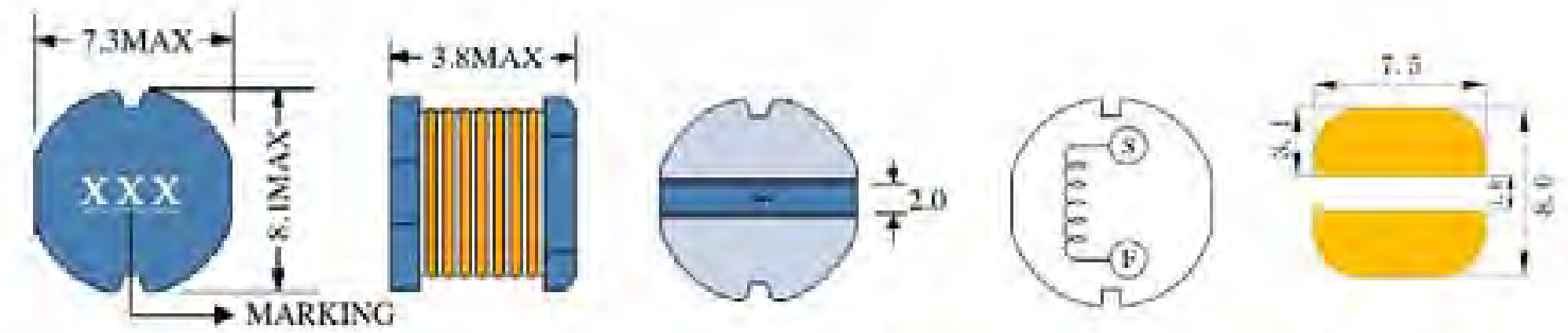


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

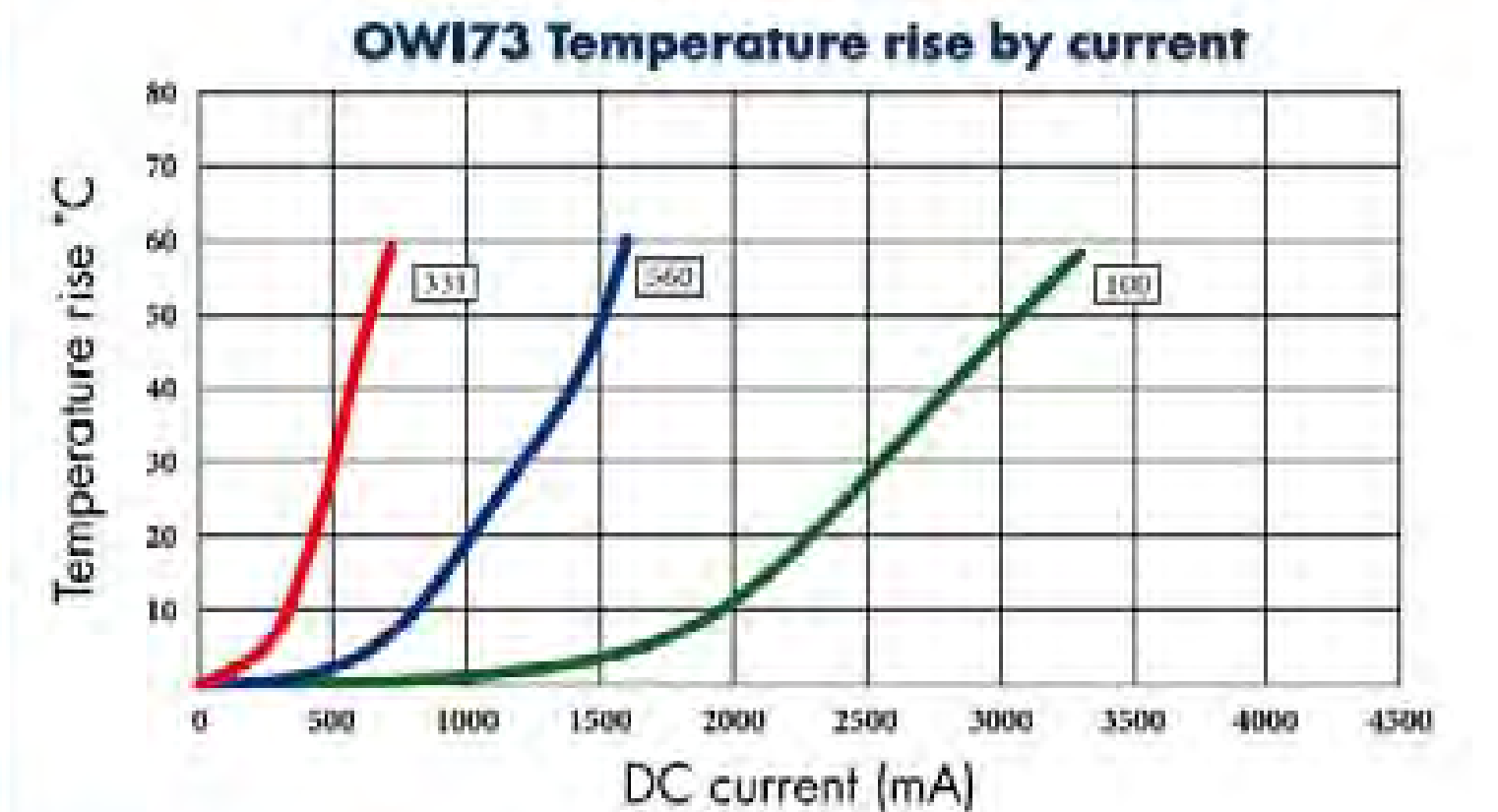
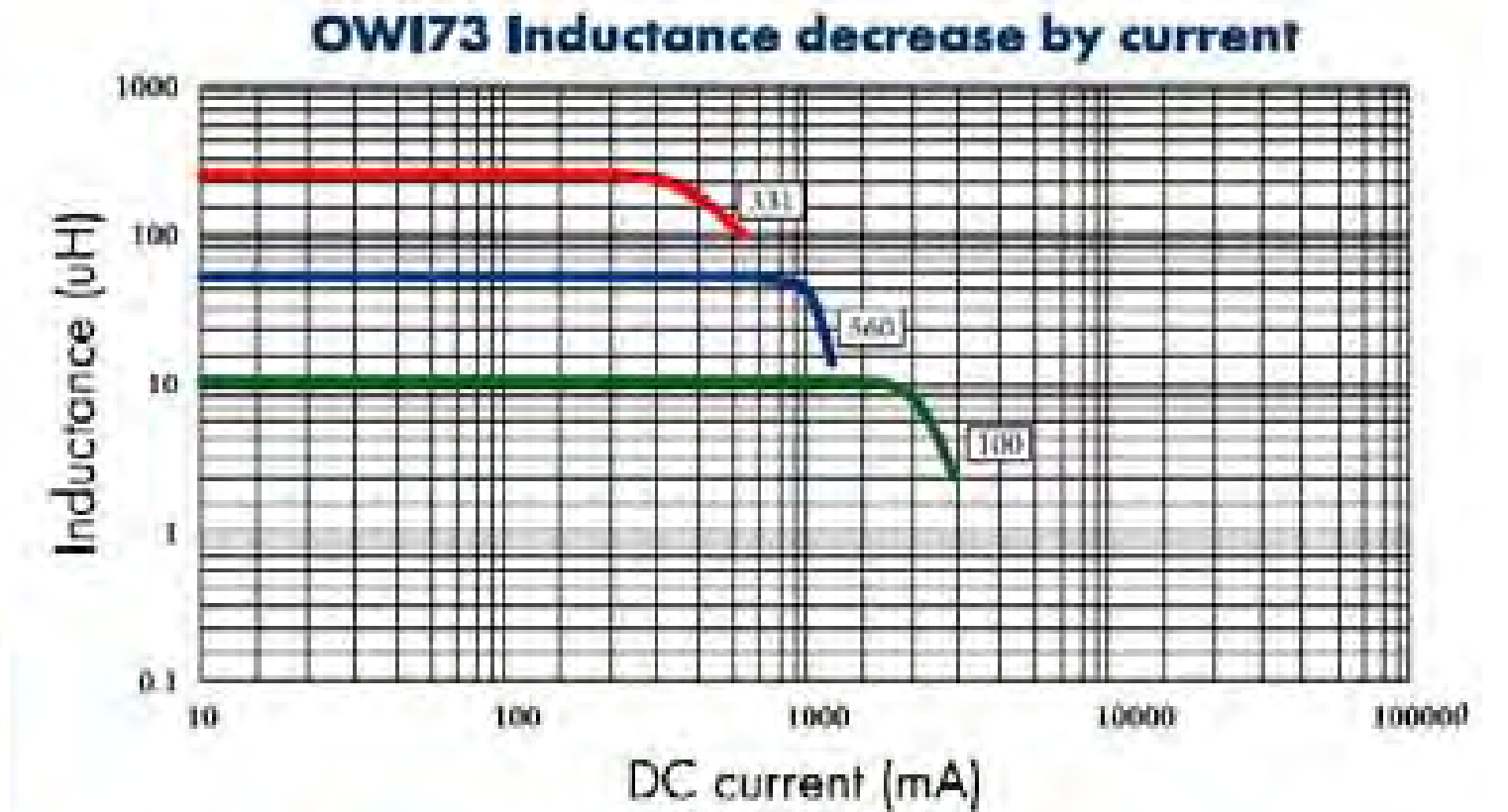
APPLICATIONS

1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



ELECTRICAL CHARACTERISTICS FOR OWI73 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI73-100	10	2.52MHZ	80m	1.44	2.40
OWI73-120	12	2.52MHZ	90m	1.39	2.20
OWI73-150	15	2.52MHZ	100m	1.24	2.00
OWI73-180	18	2.52MHZ	110m	1.12	1.80
OWI73-220	22	2.52MHZ	130m	1.07	1.65
OWI73-270	27	2.52MHZ	150m	0.94	1.50
OWI73-330	33	2.52MHZ	170m	0.85	1.40
OWI73-390	39	2.52MHZ	220m	0.74	1.30
OWI73-470	47	2.52MHZ	250m	0.68	1.22
OWI73-560	56	2.52MHZ	280m	0.64	1.13
OWI73-680	68	2.52MHZ	330m	0.59	1.05
OWI73-820	82	2.52MHZ	410m	0.54	0.96
OWI73-101	100	1KHZ	480m	0.51	0.88
OWI73-121	120	1KHZ	540m	0.49	0.80
OWI73-151	150	1KHZ	750m	0.40	0.72
OWI73-181	180	1KHZ	1.02	0.36	0.62
OWI73-221	220	1KHZ	1.20	0.31	0.54
OWI73-271	270	1KHZ	1.31	0.29	0.48
OWI73-331	330	1KHZ	1.50	0.28	0.44



1. Inductance tested at 0.25V. Tolerance of inductance: $\pm 20\%$ (M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as $\Delta t=40^{\circ}\text{C}$ or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI75 TYPE

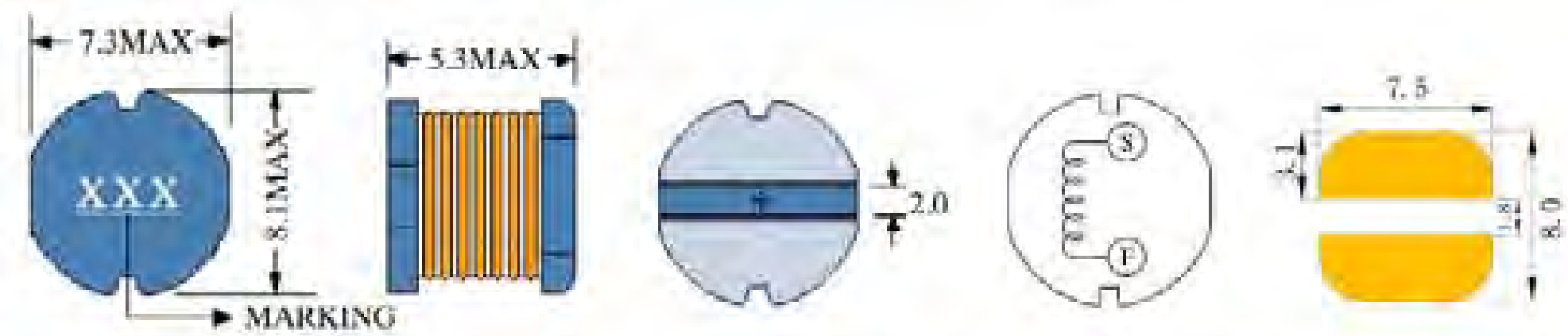


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

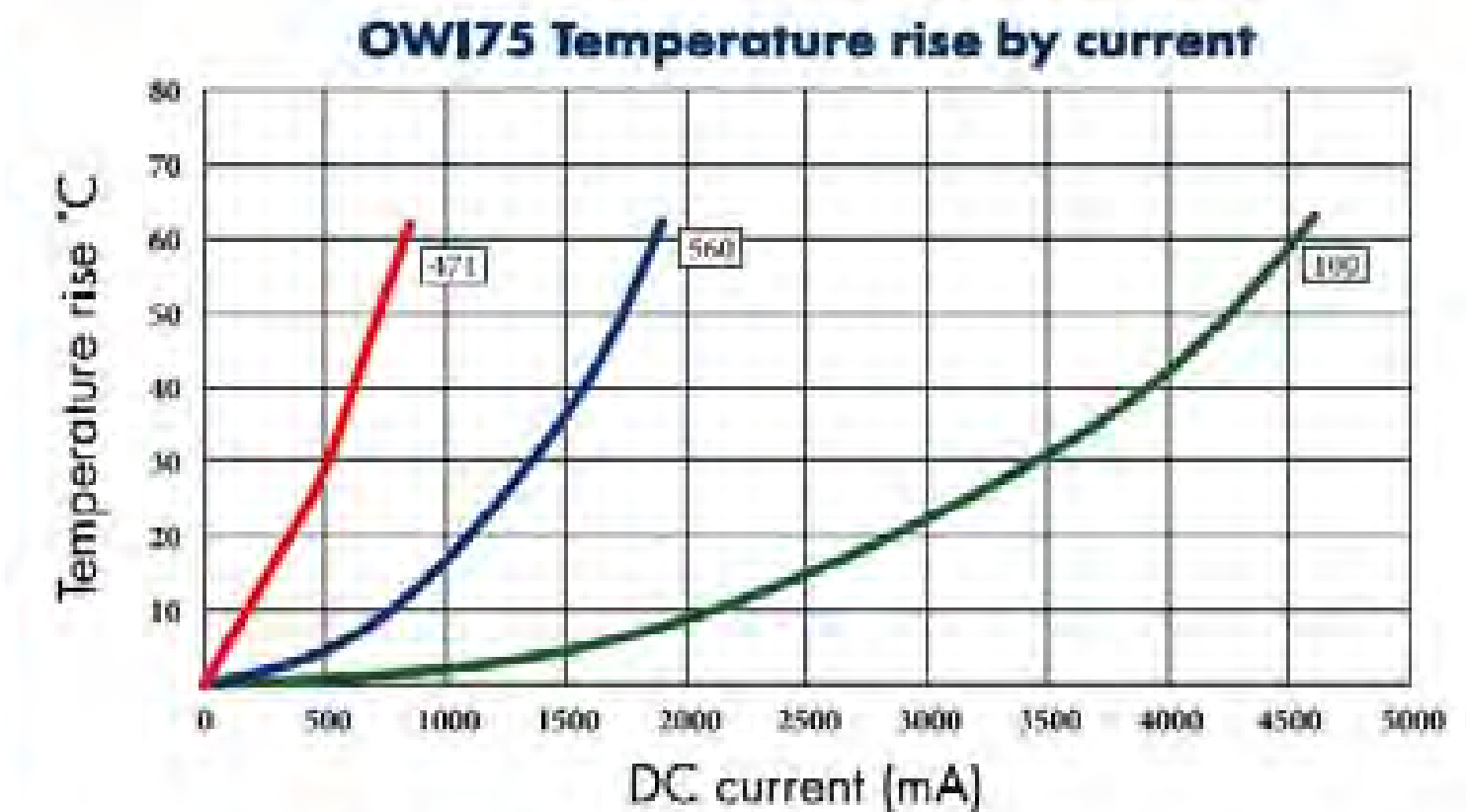
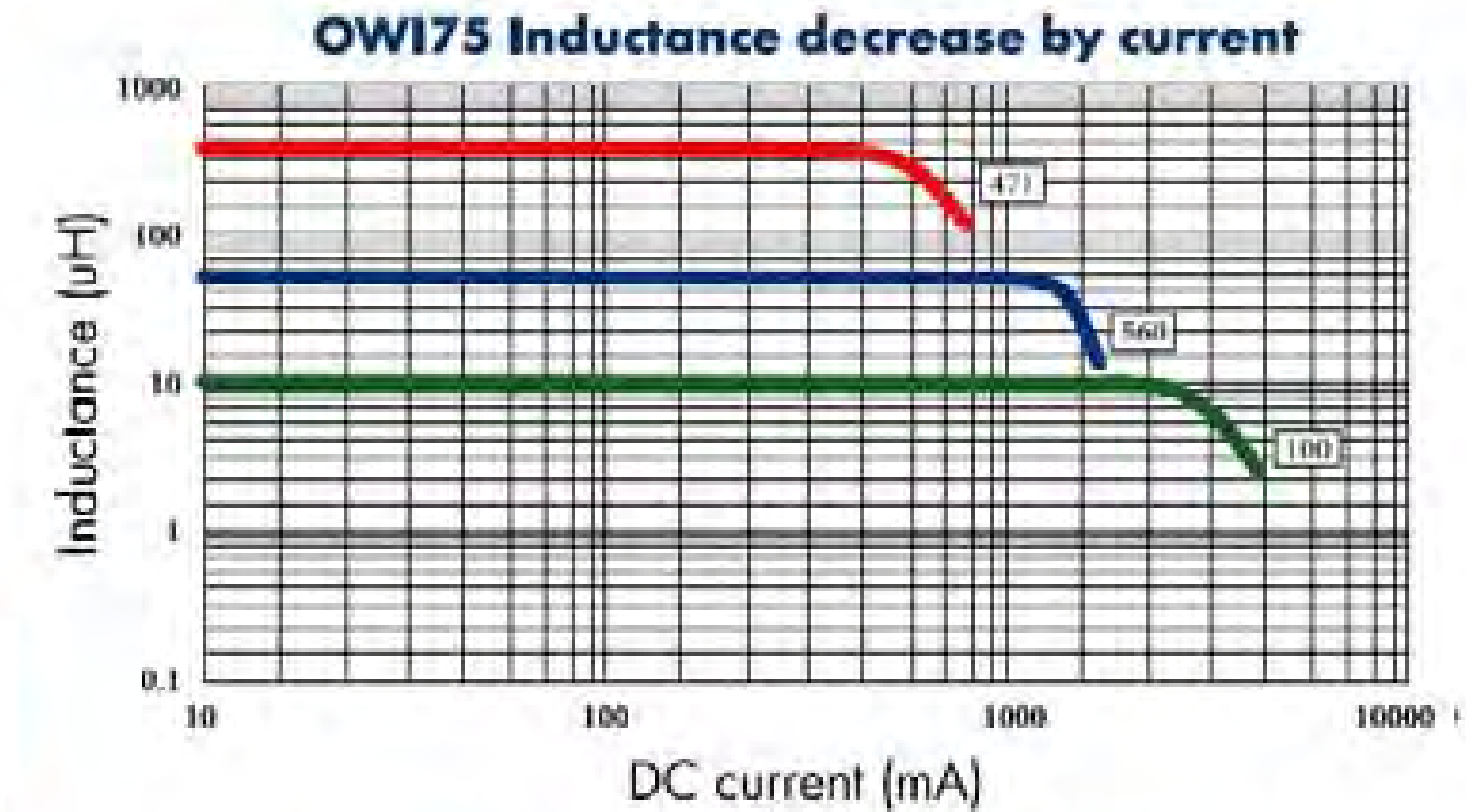
APPLICATIONS

1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



ELECTRICAL CHARACTERISTICS FOR OWI75 SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI75-100	10	2.52MHZ	0.07	2.30	3.20
OWI75-120	12	2.52MHZ	0.08	2.00	3.00
OWI75-150	15	2.52MHZ	0.09	1.80	2.75
OWI75-180	18	2.52MHZ	0.10	1.60	2.40
OWI75-220	22	2.52MHZ	0.11	1.50	2.10
OWI75-270	27	2.52MHZ	0.12	1.30	1.85
OWI75-330	33	2.52MHZ	0.15	1.20	1.70
OWI75-390	39	2.52MHZ	0.16	1.10	1.55
OWI75-470	47	2.52MHZ	0.18	1.10	1.47
OWI75-560	56	2.52MHZ	0.24	0.94	1.30
OWI75-680	68	2.52MHZ	0.28	0.85	1.12
OWI75-820	82	2.52MHZ	0.37	0.78	1.03
OWI75-101	100	1KHZ	0.43	0.72	0.90
OWI75-121	120	1KHZ	0.47	0.66	0.86
OWI75-151	150	1KHZ	0.64	0.58	0.80
OWI75-181	180	1KHZ	0.71	0.51	0.76
OWI75-221	220	1KHZ	0.96	0.49	0.68
OWI75-271	270	1KHZ	1.11	0.42	0.60
OWI75-331	330	1KHZ	1.26	0.40	0.52
OWI75-391	390	1KHZ	1.77	0.36	0.50
OWI75-471	470	1KHZ	1.96	0.34	0.46



1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI104 TYPE

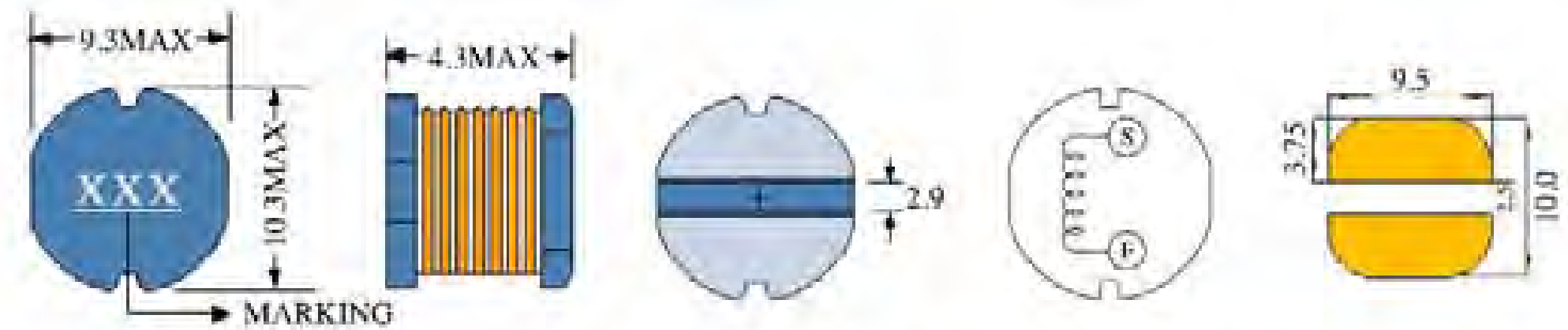


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

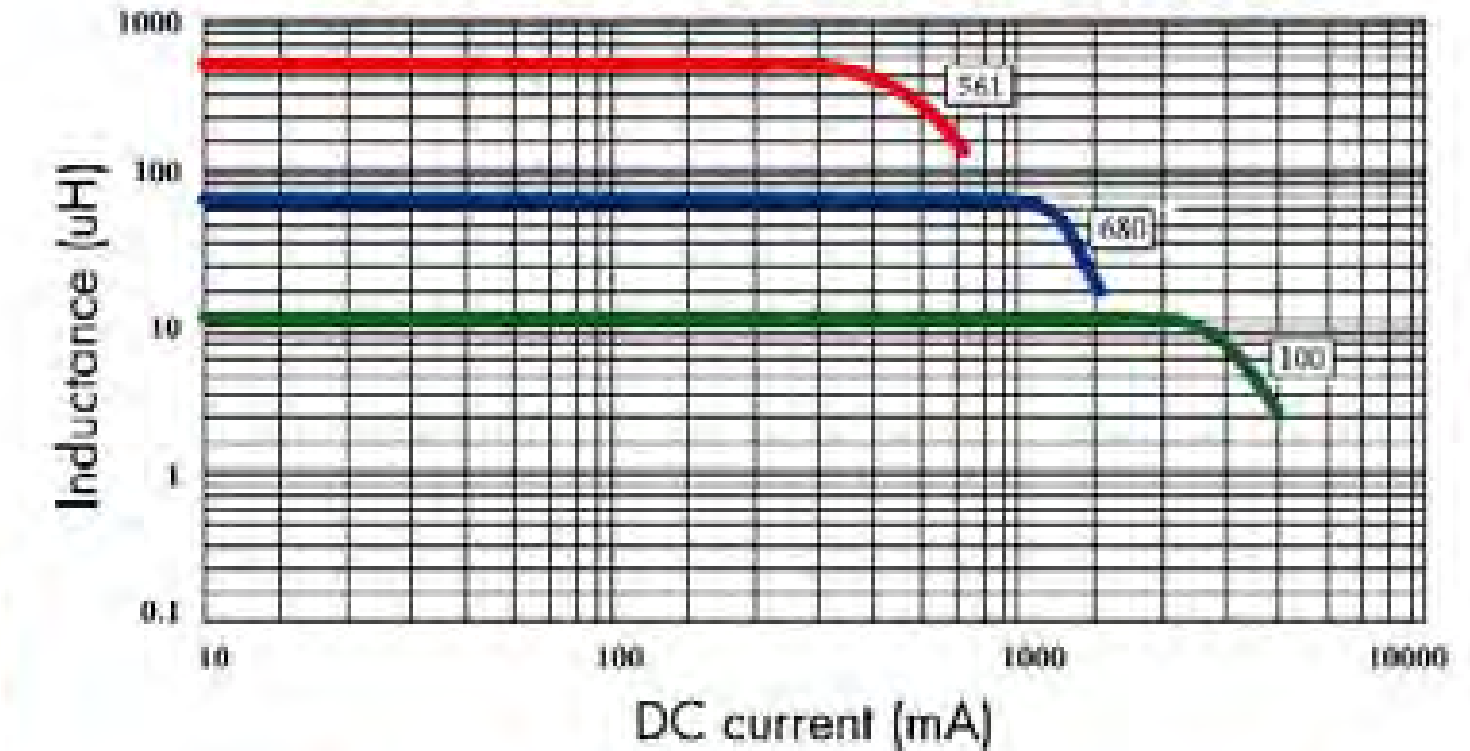
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



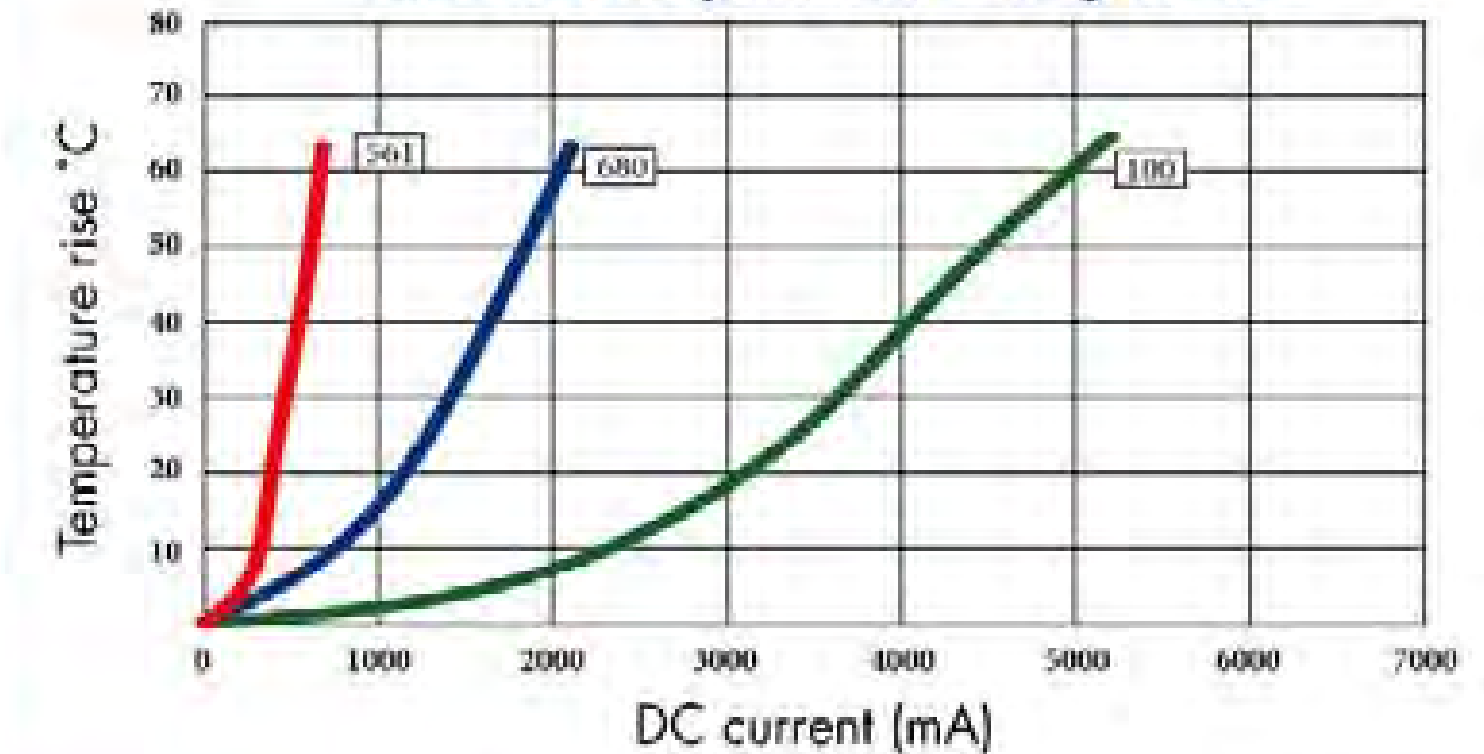
ELECTRICAL CHARACTERISTICS FOR OWI104 SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI104-100	10	2.52MHZ	0.053	2.38	3.50
OWI104-120	12	2.52MHZ	0.061	2.13	3.10
OWI104-150	15	2.52MHZ	0.070	1.87	2.90
OWI104-180	18	2.52MHZ	0.081	1.73	2.70
OWI104-220	22	2.52MHZ	0.088	1.60	2.30
OWI104-270	27	2.52MHZ	0.100	1.44	2.05
OWI104-330	33	2.52MHZ	0.120	1.26	1.82
OWI104-390	39	2.52MHZ	0.151	1.20	1.68
OWI104-470	47	2.52MHZ	0.170	1.10	1.50
OWI104-560	56	2.52MHZ	0.199	1.01	1.40
OWI104-680	68	2.52MHZ	0.223	0.91	1.30
OWI104-820	82	2.52MHZ	0.252	0.85	1.18
OWI104-101	100	1KHZ	0.344	0.74	1.12
OWI104-121	120	1KHZ	0.396	0.69	1.05
OWI104-151	150	1KHZ	0.544	0.61	0.98
OWI104-181	180	1KHZ	0.621	0.56	0.90
OWI104-221	220	1KHZ	0.721	0.53	0.84
OWI104-271	270	1KHZ	0.949	0.45	0.74
OWI104-331	330	1KHZ	1.100	0.42	0.64
OWI104-391	390	1KHZ	1.245	0.38	0.52
OWI104-471	470	1KHZ	1.526	0.35	0.46
OWI104-561	560	1KHZ	1.904	0.32	0.43

OWI104 Inductance decrease by current



OWI104 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI105 TYPE

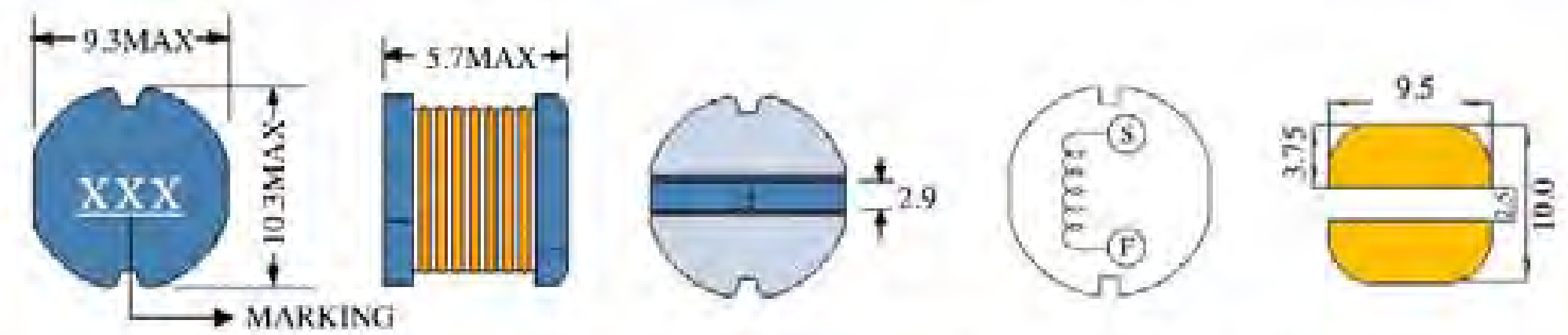


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

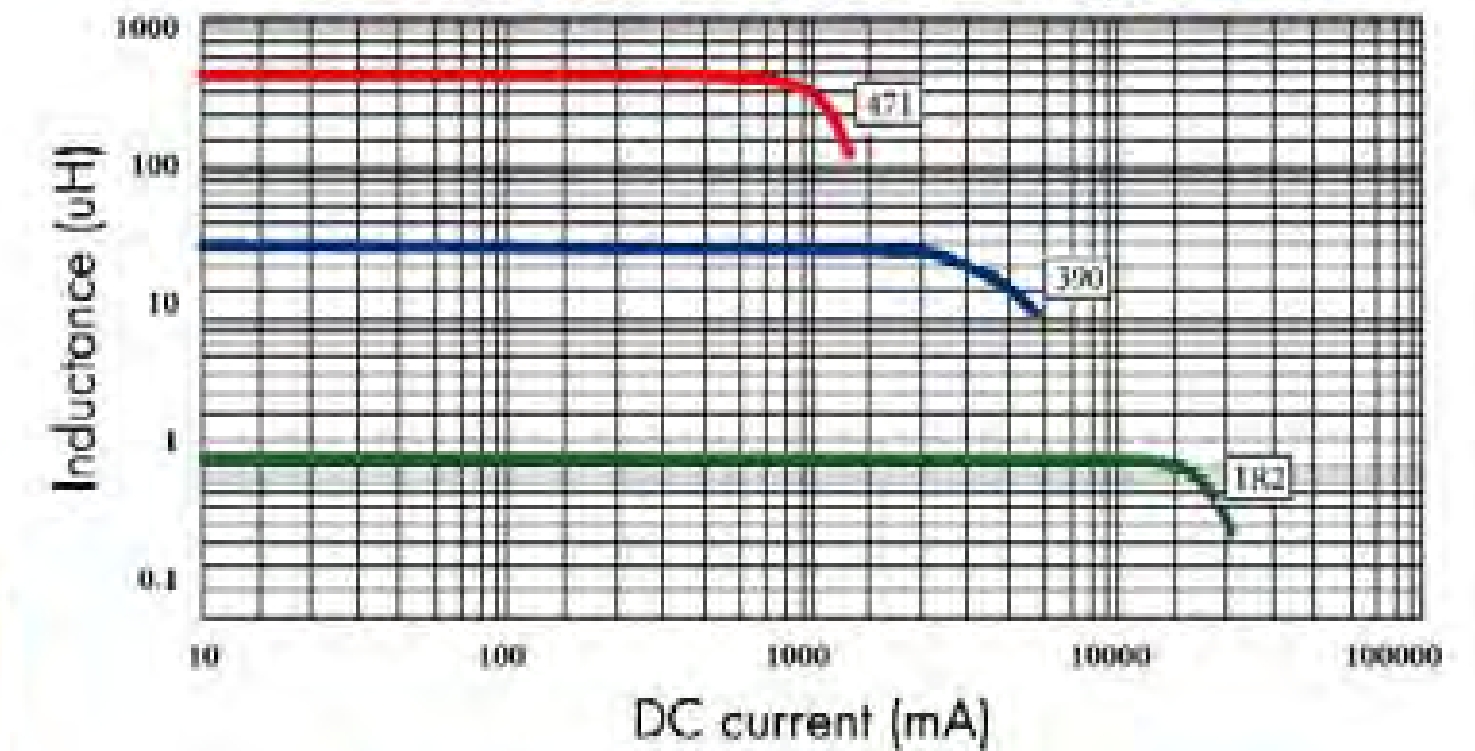
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



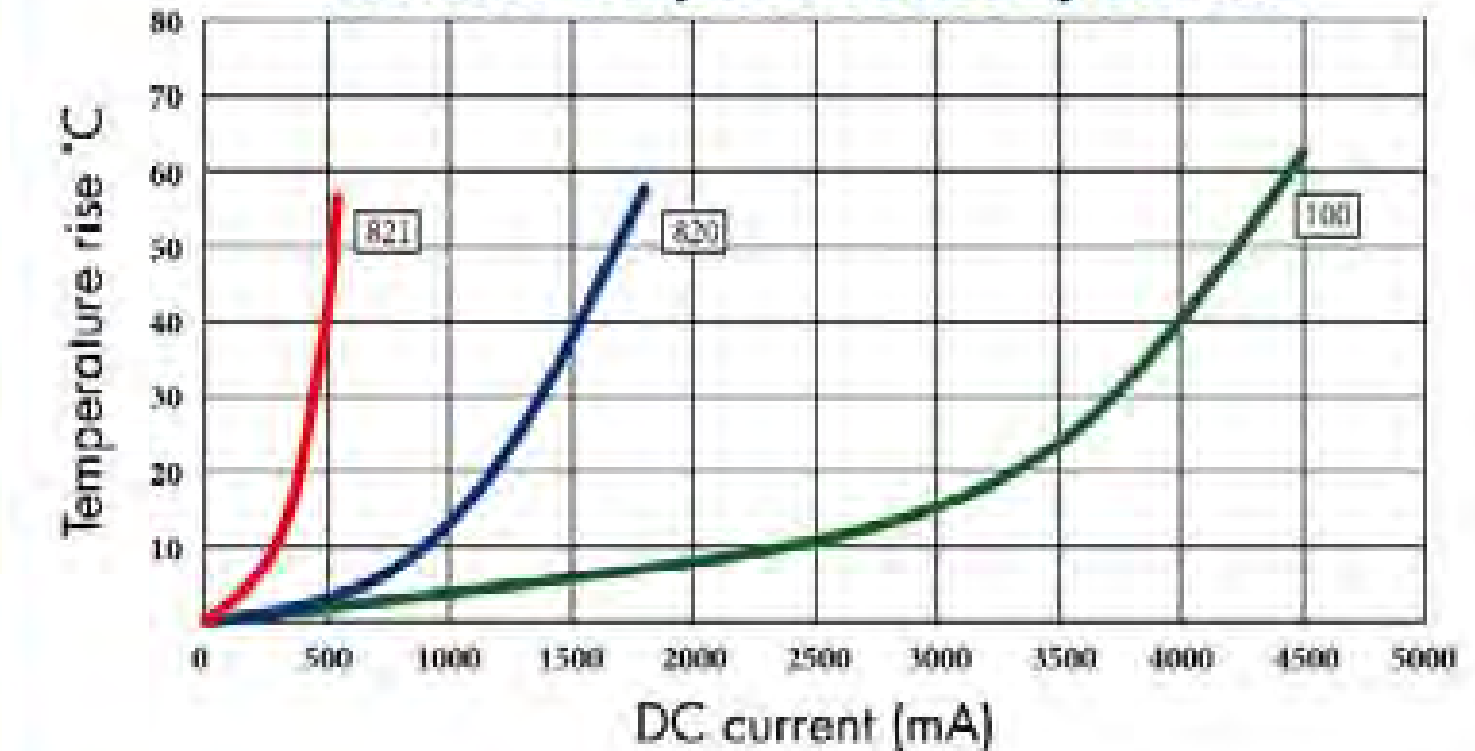
ELECTRICAL CHARACTERISTICS FOR OWI105 SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI105-100	10	2.52MHZ	0.06	2.60	3.60
OWI105-120	12	2.52MHZ	0.07	2.45	3.30
OWI105-150	15	2.52MHZ	0.08	2.27	3.00
OWI105-180	18	2.52MHZ	0.09	2.15	2.60
OWI105-220	22	2.52MHZ	0.10	1.95	2.40
OWI105-270	27	2.52MHZ	0.11	1.76	2.30
OWI105-330	33	2.52MHZ	0.12	1.50	2.16
OWI105-390	39	2.52MHZ	0.14	1.37	2.00
OWI105-470	47	2.52MHZ	0.17	1.28	1.80
OWI105-560	56	2.52MHZ	0.19	1.17	1.60
OWI105-680	68	2.52MHZ	0.22	1.11	1.50
OWI105-820	82	2.52MHZ	0.25	1.00	1.40
OWI105-101	100	1KHZ	0.35	0.97	1.30
OWI105-121	120	1KHZ	0.40	0.89	1.20
OWI105-151	150	1KHZ	0.47	0.78	1.05
OWI105-181	180	1KHZ	0.63	0.72	1.00
OWI105-221	220	1KHZ	0.73	0.66	0.90
OWI105-271	270	1KHZ	0.97	0.57	0.78
OWI105-331	330	1KHZ	1.15	0.52	0.68
OWI105-391	390	1KHZ	1.30	0.48	0.56
OWI105-471	470	1KHZ	1.48	0.42	0.48
OWI105-561	560	1KHZ	1.90	0.33	0.46
OWI105-681	680	1KHZ	2.25	0.28	0.45
OWI105-821	820	1KHZ	2.55	0.24	0.43

OWI105 Inductance decrease by current



OWI105 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI108 TYPE

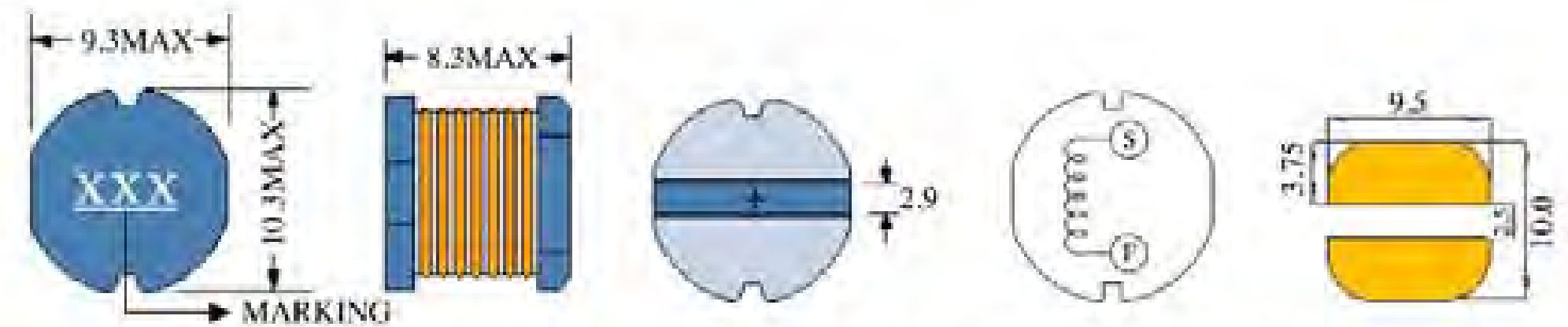


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

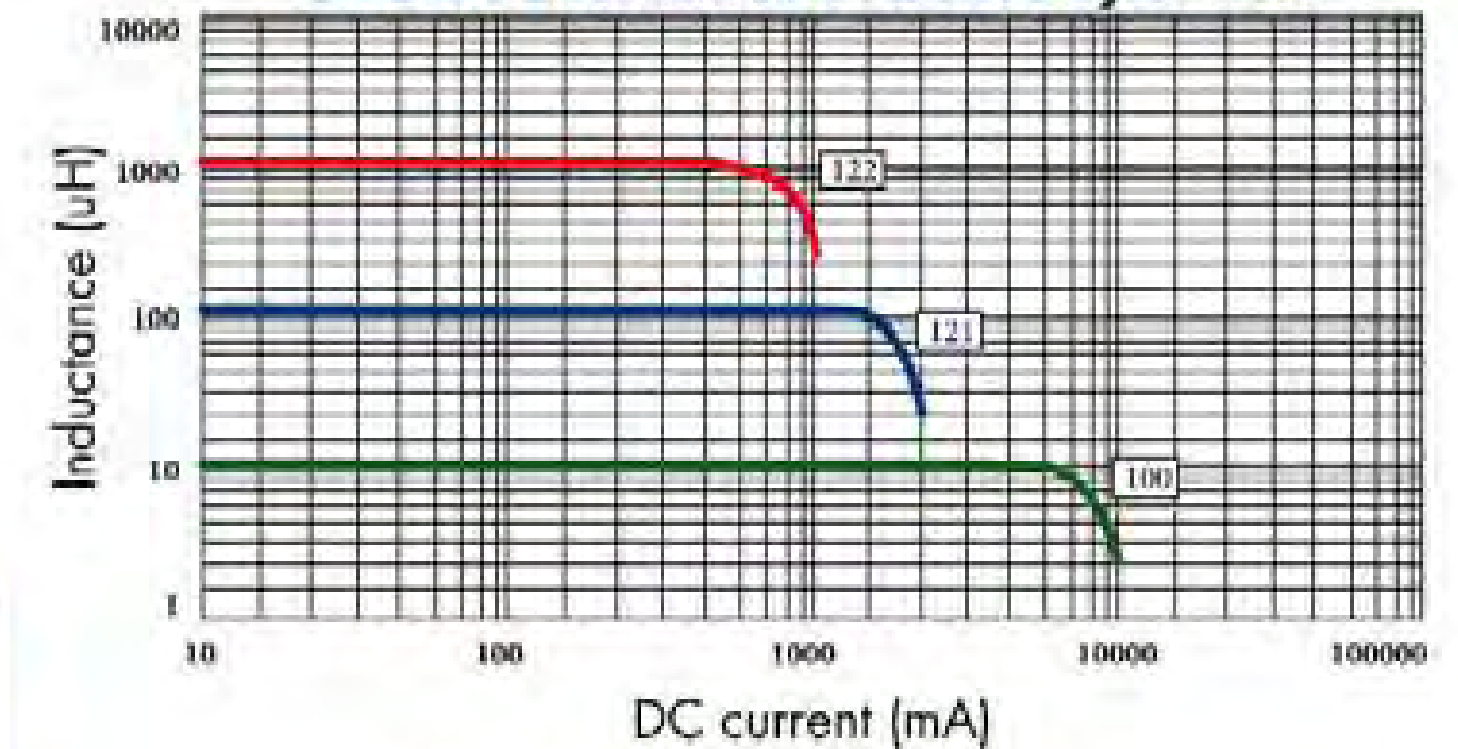
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



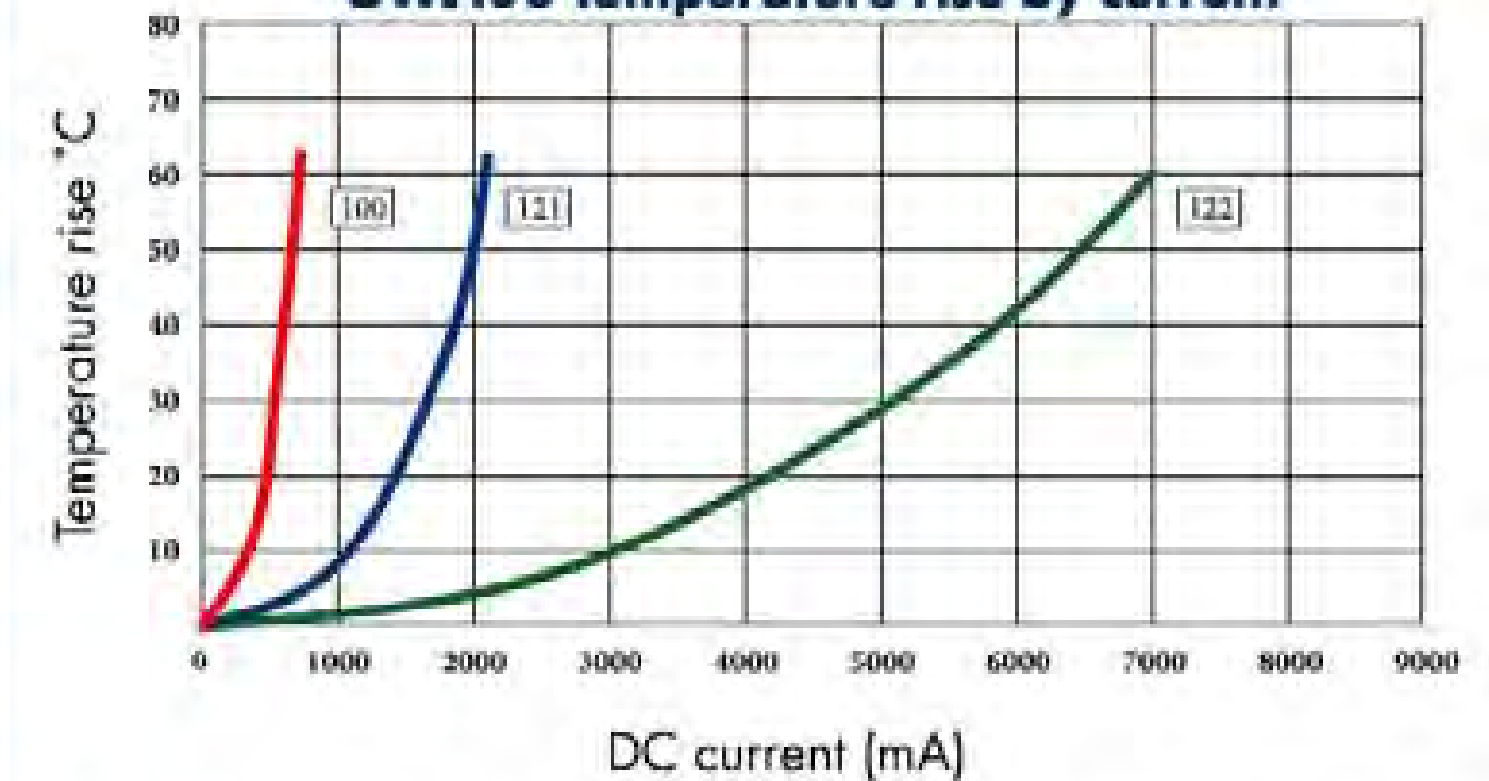
ELECTRICAL CHARACTERISTICS FOR OW108 SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI108-100	10	2.52MHZ	36m	4.05	4.70
OWI108-120	12	2.52MHZ	38m	3.60	4.45
OWI108-150	15	2.52MHZ	40m	3.34	4.00
OWI108-180	18	2.52MHZ	50m	3.05	3.50
OWI108-220	22	2.52MHZ	60m	2.80	3.40
OWI108-270	27	2.52MHZ	70m	2.50	3.30
OWI108-330	33	2.52MHZ	80m	2.40	3.20
OWI108-390	39	2.52MHZ	90m	2.20	2.90
OWI108-470	47	2.52MHZ	0.11	2.00	2.60
OWI108-560	56	2.52MHZ	0.12	1.90	2.40
OWI108-680	68	2.52MHZ	0.15	1.80	2.30
OWI108-820	82	2.52MHZ	0.19	1.60	2.00
OWI108-101	100	1KHZ	0.23	1.50	1.80
OWI108-121	120	1KHZ	0.32	1.40	1.50
OWI108-151	150	1KHZ	0.37	1.30	1.43
OWI108-181	180	1KHZ	0.42	1.20	1.32
OWI108-221	220	1KHZ	0.44	1.00	1.14
OWI108-271	270	1KHZ	0.55	0.95	0.93
OWI108-331	330	1KHZ	0.60	0.90	0.90
OWI108-391	390	1KHZ	0.67	0.80	0.80
OWI108-471	470	1KHZ	0.88	0.70	0.75
OWI108-561	560	1KHZ	1.04	0.65	0.73
OWI108-681	680	1KHZ	1.18	0.60	0.72
OWI108-821	820	1KHZ	1.38	0.50	0.70
OWI108-102	1000	1KHZ	1.74	0.48	0.63
OWI108-122	1200	1KHZ	1.92	0.45	0.54

OWI108 Inductance decrease by current



OWI108 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25°C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40°C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWIR1011 TYPE



FEATURES

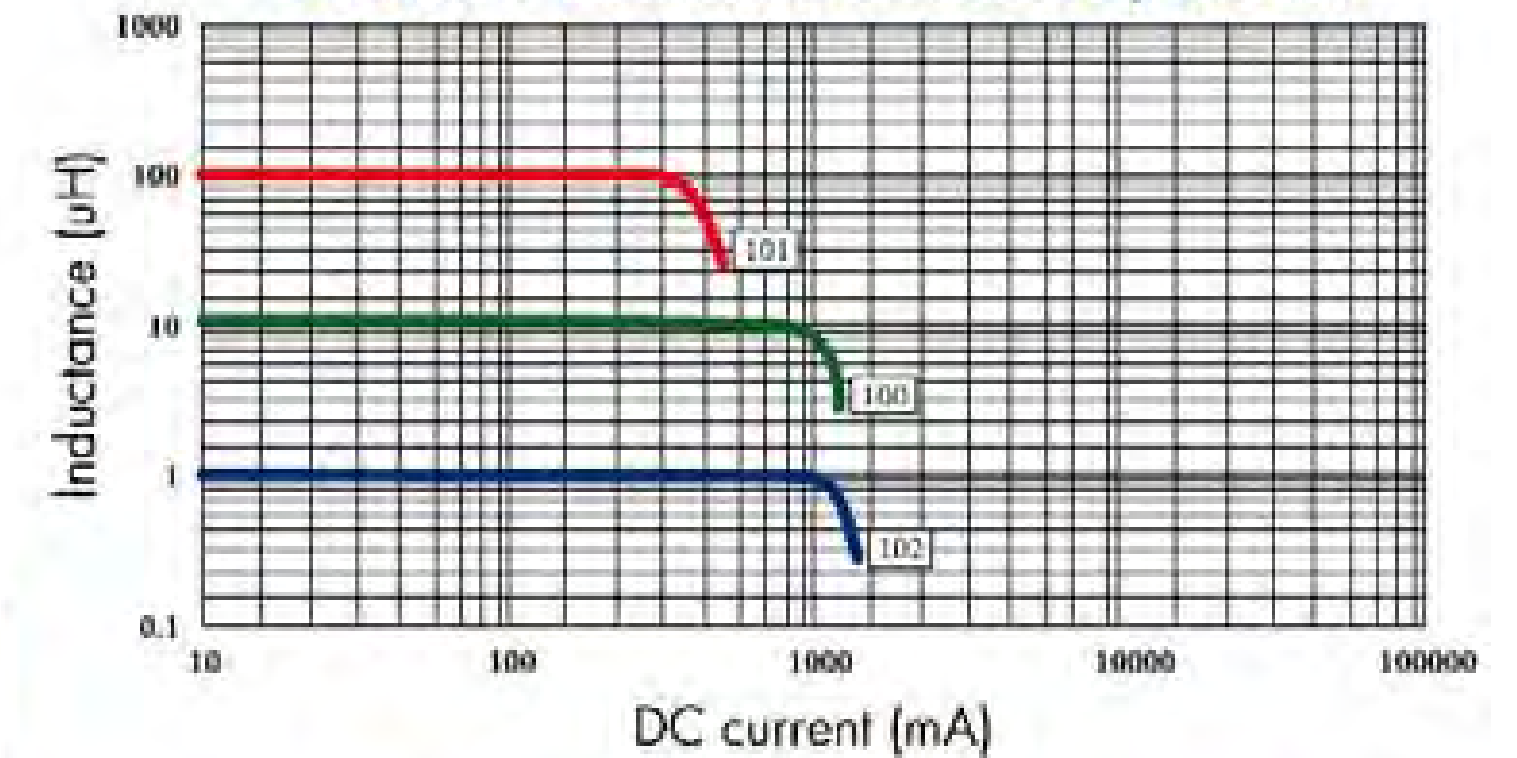
1. Low DC resistance, high rated current and high inductance.
Inductance: 10 to 1000uH.
2. The series exhibits low voltage drops and small variations in inductance with respect to temperature rise and DC current level. This makes them excellent for use as power supply line choke coils.

APPLICATIONS

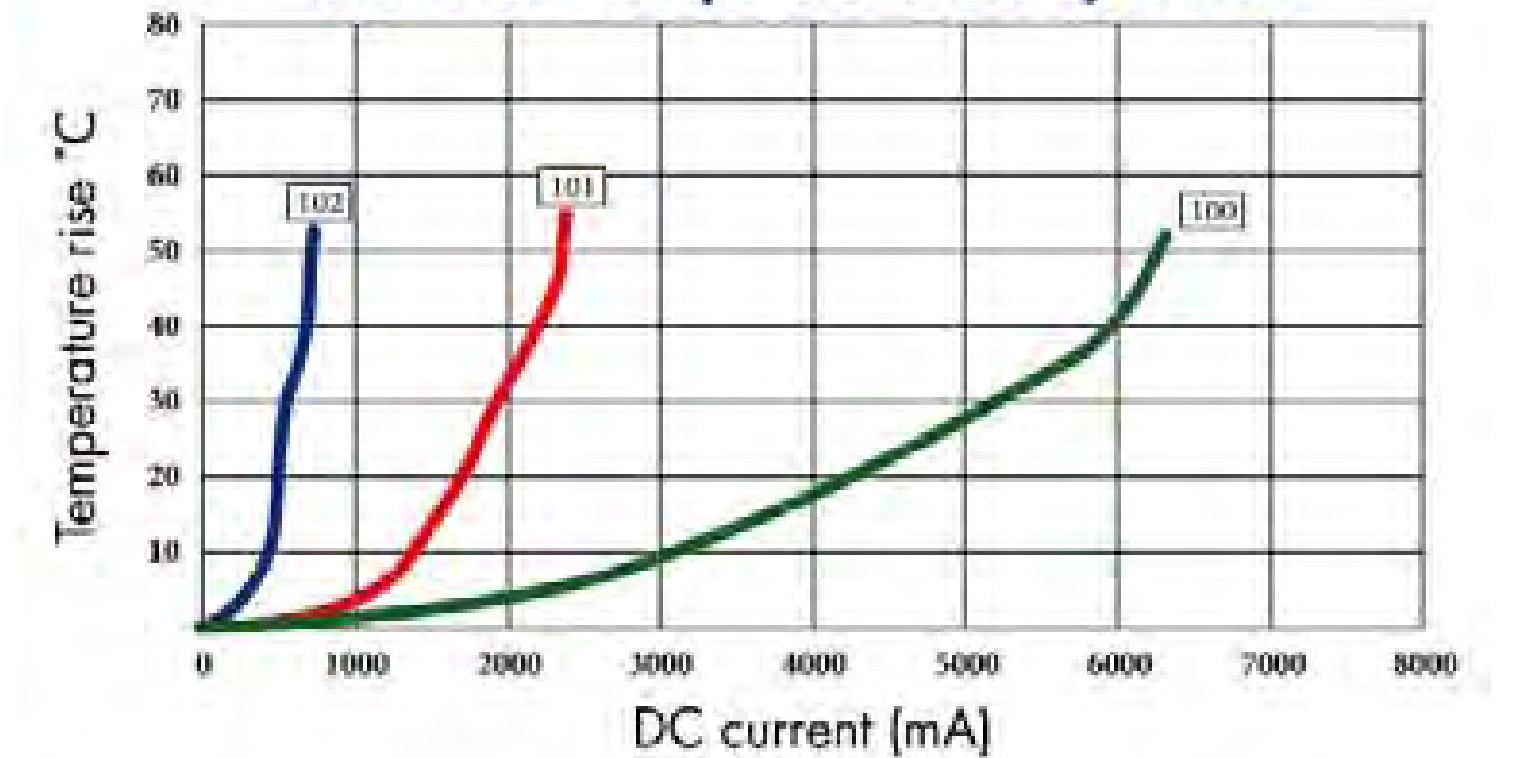
1. Portable communication, equipments.
2. DC/DC converters, etc.



OWIR1011 Inductance decrease by current



OWIR1011 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIR1011 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽²⁾	Temperature Current (A) ⁽⁴⁾
OWIR1011-100	10	100KHZ	25m	8.0	5.60
OWIR1011-150	15	100KHZ	35m	7.0	4.70
OWIR1011-220	22	100KHZ	55m	5.5	4.00
OWIR1011-330	33	100KHZ	65m	4.0	3.40
OWIR1011-470	47	100KHZ	110m	3.8	2.90
OWIR1011-680	68	100KHZ	160m	3.0	2.46
OWIR1011-101	100	100KHZ	200m	2.5	2.00
OWIR1011-151	150	100KHZ	320m	2.0	1.70
OWIR1011-221	220	100KHZ	460m	1.7	1.20
OWIR1011-331	330	100KHZ	715m	1.3	1.02
OWIR1011-471	470	100KHZ	1.02	1.1	0.87
OWIR1011-681	680	100KHZ	1.38	1.0	0.73
OWIR1011-102	1000	100KHZ	2.05	0.8	0.22

1. Inductance tested at 0.25V. Tolerance of inductance:
10uH~68uH: ±20%(M) 100uH~1000uH: ±10%(K)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI1206 TYPE

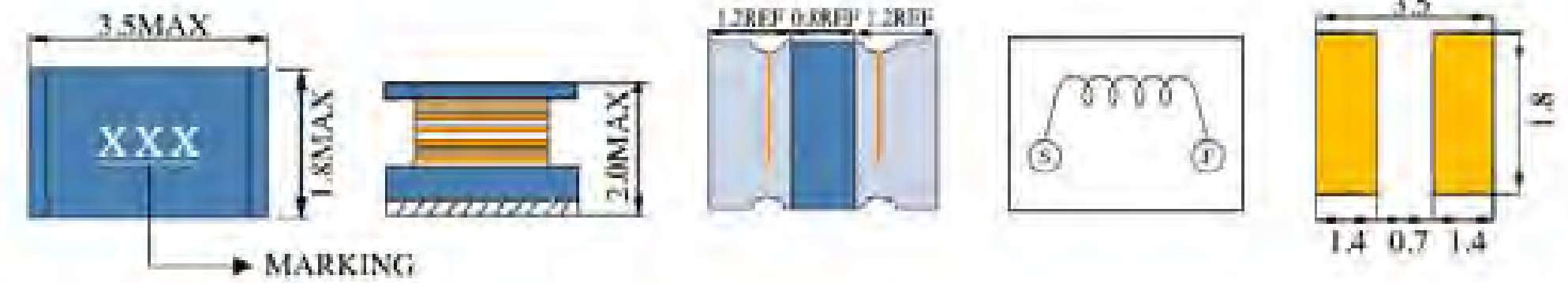


FEATURES

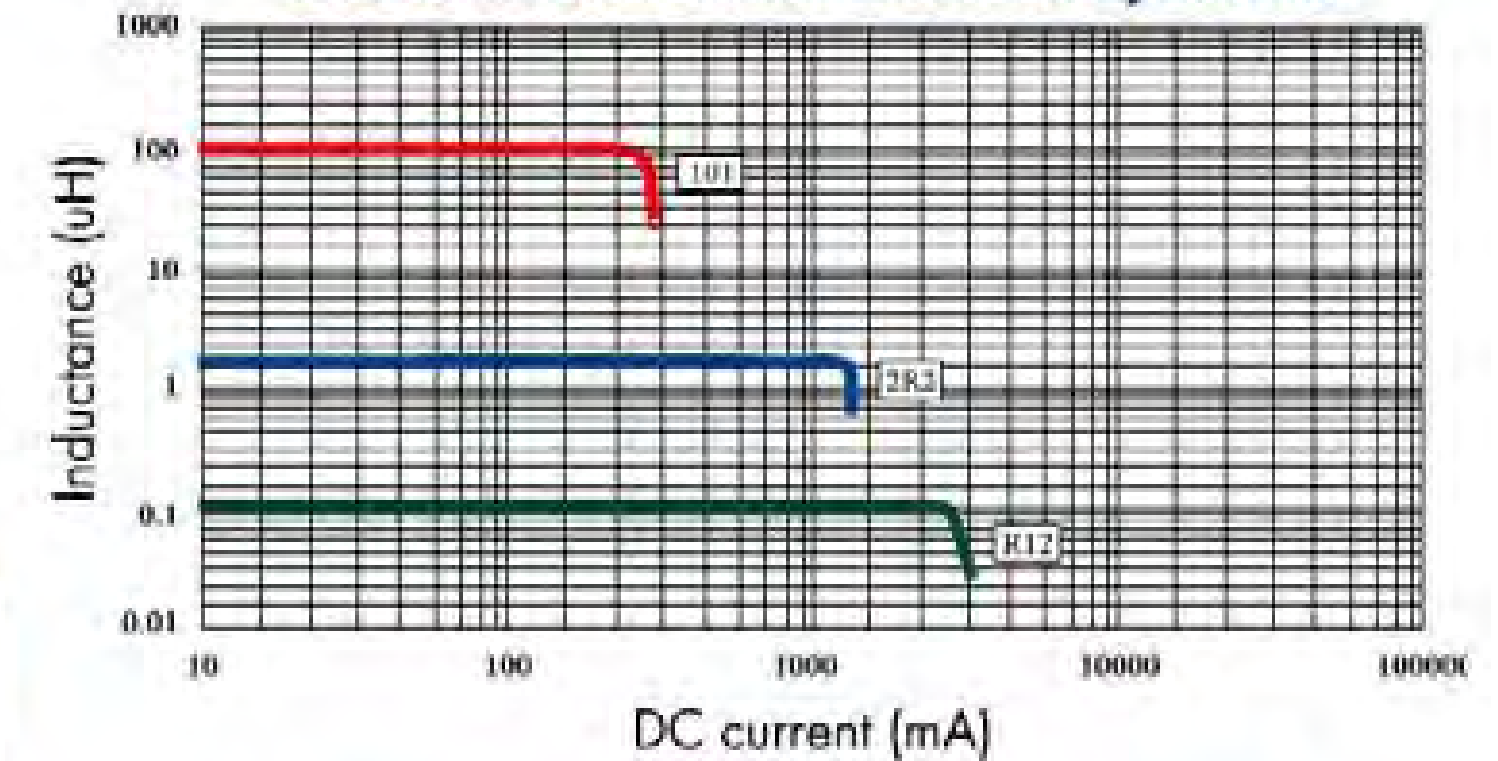
1. Low DC resistance, high rated current and high inductance.
Inductance: 0.12 to 100uH.
2. The series exhibits low voltage drops and small variations in inductance with respect to temperature rise and DC current level. This makes them excellent for use as power supply line choke coils.

APPLICATIONS

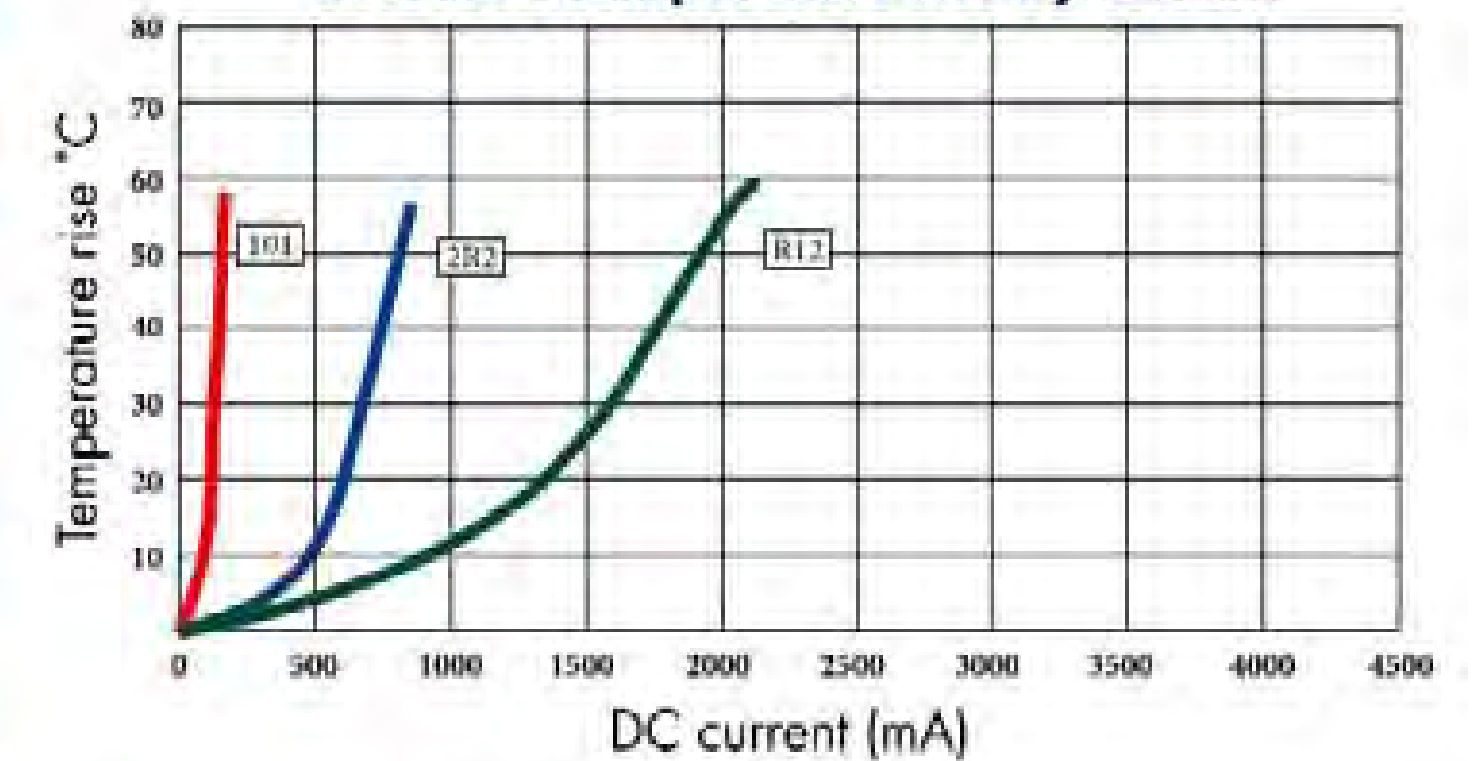
1. Portable communication, equipments.
2. DC/DC converters, etc.



OWI1206 Inductance decrease by current



OWI1206 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI1206 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI1206-R12	0.12	1MHZ	112m	0.97	1.60
OWI1206-R22	0.22	1MHZ	140m	0.85	1.35
OWI1206-R47	0.47	1MHZ	210m	0.70	1.08
OWI1206-1R0	1.0	1MHZ	364m	0.51	0.78
OWI1206-2R2	2.2	1MHZ	533m	0.43	0.66
OWI1206-4R7	4.7	1MHZ	845m	0.34	0.58
OWI1206-100	10	1MHZ	1.69	0.23	0.40
OWI1206-220	22	1MHZ	3.90	0.16	0.25
OWI1206-470	47	1MHZ	10.40	0.10	0.15
OWI1206-101	100	1MHZ	15.60	0.08	0.12

1. Inductance tested at 0.25V. Tolerance of inductance:
0.12uH~0.47uH: ±30%(N) 1.0uH~4.7uH: ±20%(M)
10uH~100uH: ±10%(K)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI1210 TYPE

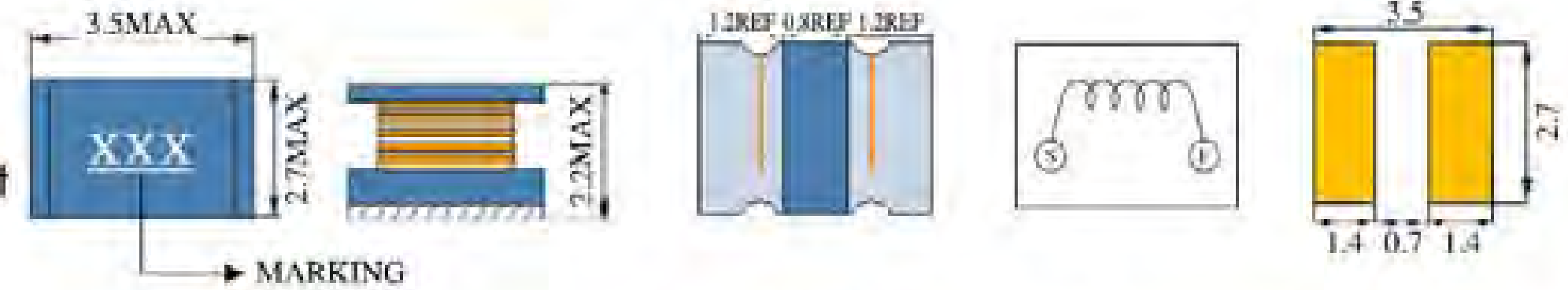


FEATURES

1. Low DC resistance, high rated current and high inductance.
Inductance: 1.0 to 560uH.
2. The series exhibits low voltage drops and small variations in inductance with respect to temperature rise and DC current level. This makes them excellent for use as power supply line choke coils.

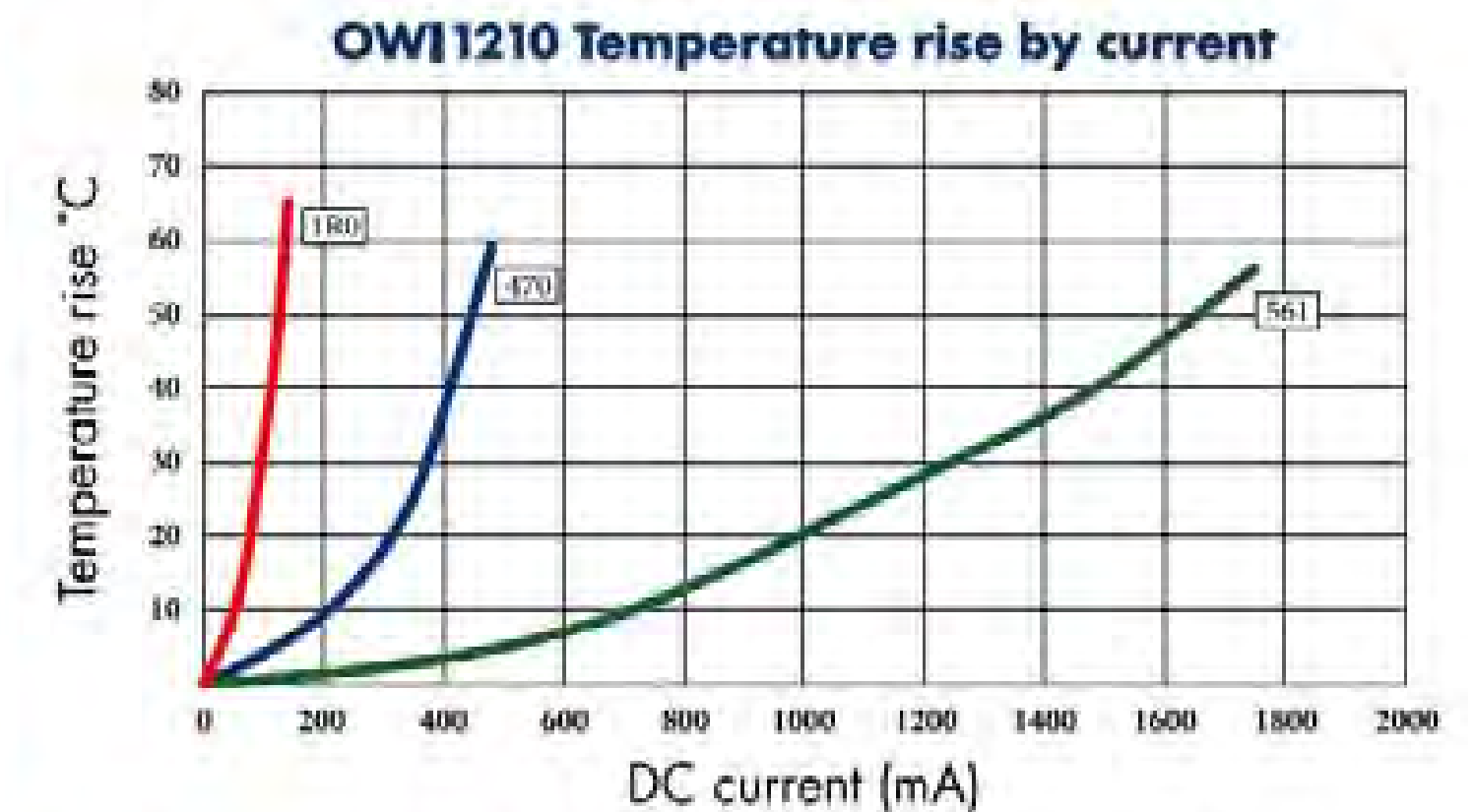
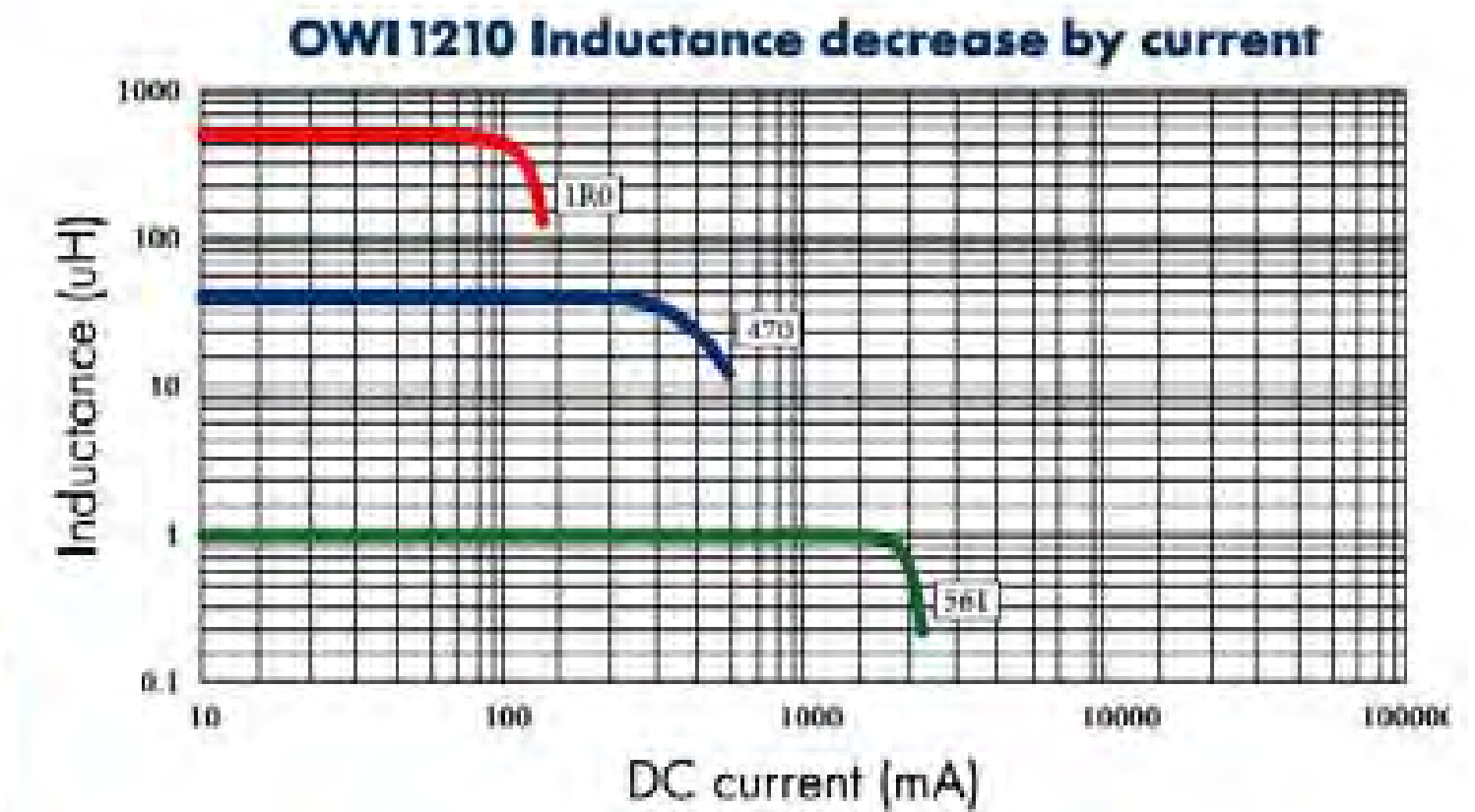
APPLICATIONS

1. Portable communication, equipments.
2. DC/DC converters, etc.



ELECTRICAL CHARACTERISTICS FOR OWI1210 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI1210-1R0	1.0	1MHZ	117m	0.80	1.25
OWI1210-2R2	2.2	1MHZ	169m	0.60	1.15
OWI1210-4R7	4.7	1MHZ	260m	0.45	0.98
OWI1210-100	10	1MHZ	572m	0.30	0.70
OWI1210-220	22	1MHZ	923m	0.25	0.56
OWI1210-470	47	1MHZ	1.69	0.17	0.38
OWI1210-101	100	1MHZ	4.55	0.10	0.22
OWI1210-221	220	1MHZ	10.92	0.07	0.15
OWI1210-331	330	1MHZ	13.00	0.06	0.14
OWI1210-391	390	1MHZ	22.10	0.06	0.11
OWI1210-471	470	1MHZ	24.70	0.06	0.10
OWI1210-561	560	1MHZ	28.60	0.06	0.09



1. Inductance tested at 0.25V. Tolerance of inductance:
1.0uH~4.7uH: ±20%(M) 10uH~560uH: ±10%(K)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI1812 TYPE

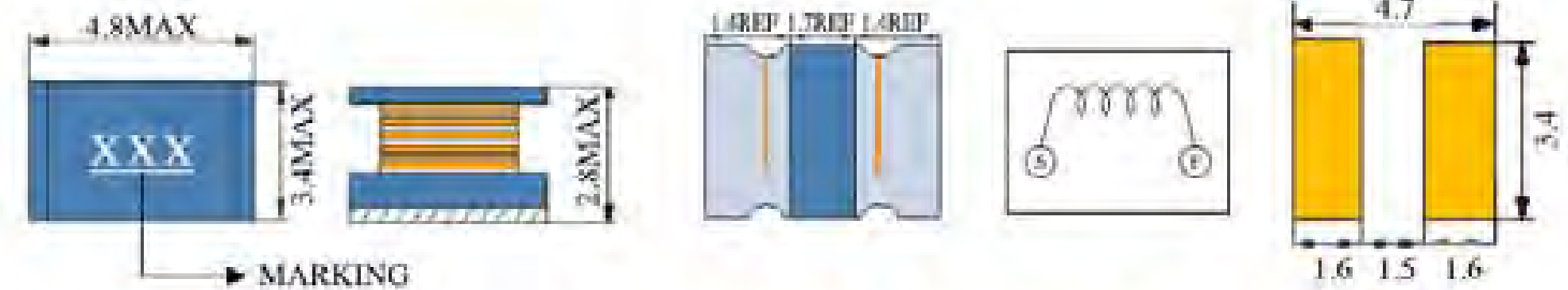


FEATURES

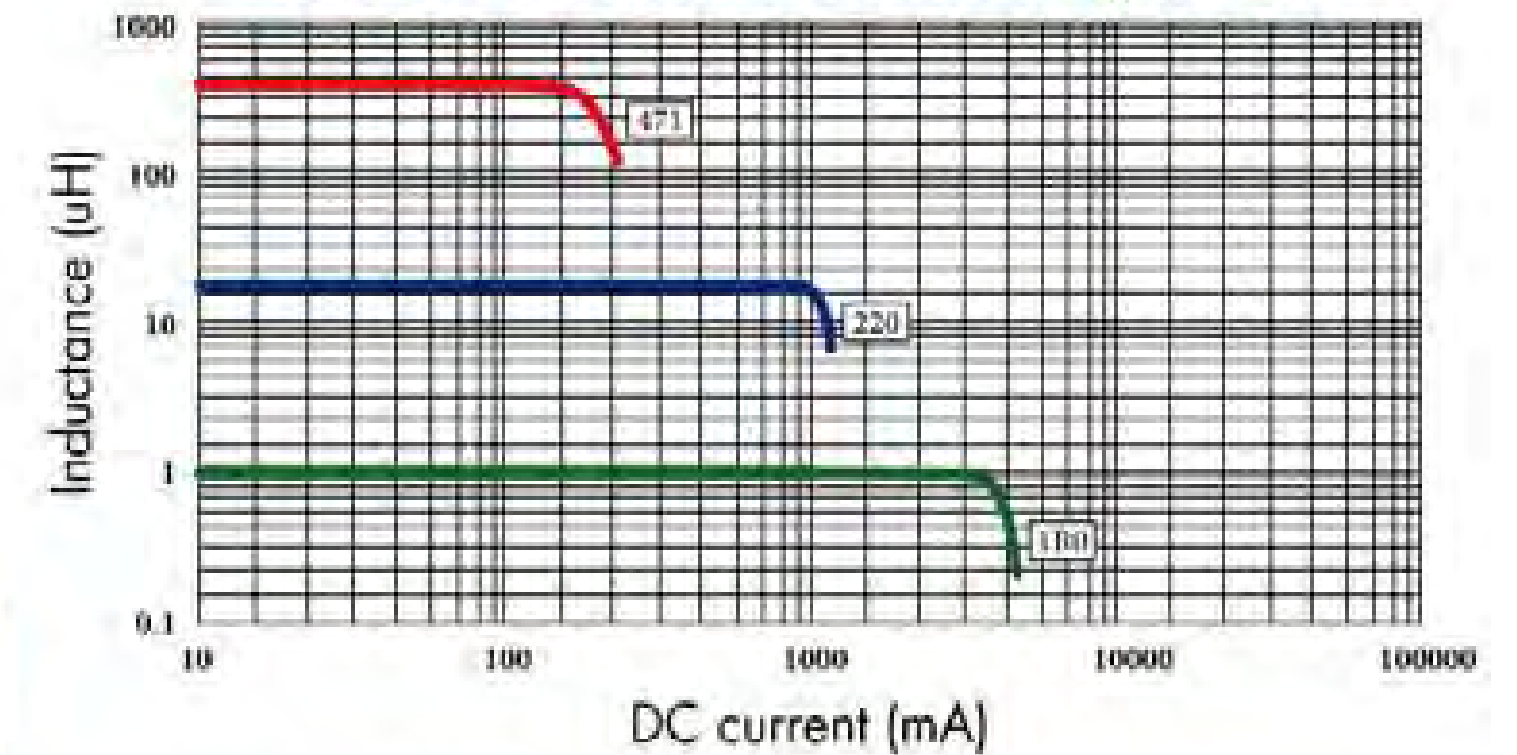
1. Low DC resistance, high rated current and high inductance.
Inductance: 1.0 to 470uH.
2. The series exhibits low voltage drops and small variations in inductance with respect to temperature rise and DC current level. This makes them excellent for use as power supply line choke coils.

APPLICATIONS

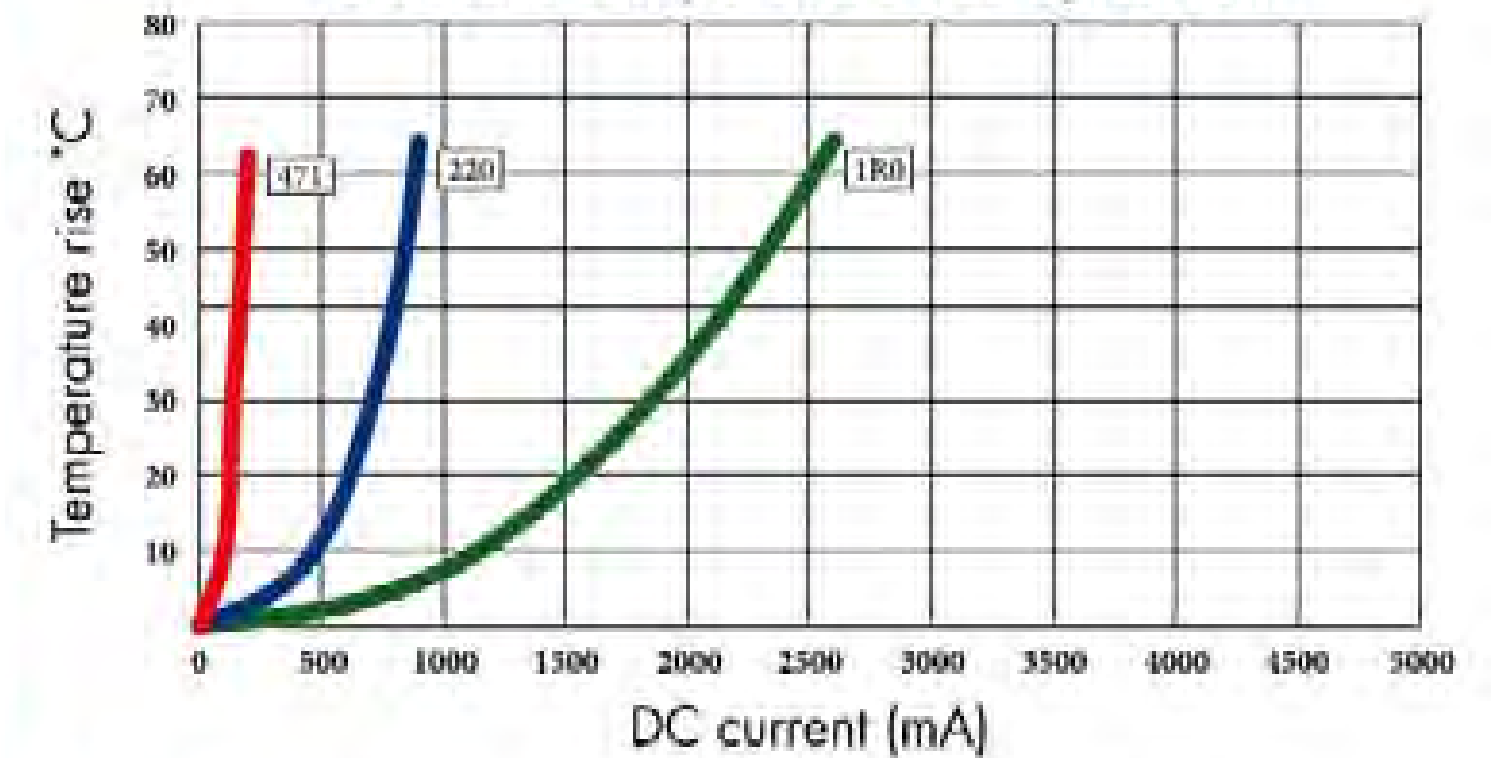
1. Portable communication, equipments.
2. DC/DC converters, etc.



OWI1812 Inductance decrease by current



OWI1812 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI1812 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI1812-1R0	1.0	1MHZ	104m	1.08	1.75
OWI1812-1R5	1.5	1MHZ	117m	1.00	1.64
OWI1812-2R2	2.2	1MHZ	143m	0.90	1.55
OWI1812-3R3	3.3	1MHZ	169m	0.80	1.42
OWI1812-4R7	4.7	1MHZ	195m	0.75	1.32
OWI1812-6R8	6.8	1MHZ	260m	0.72	1.23
OWI1812-100	10	1MHZ	312m	0.65	1.12
OWI1812-150	15	1MHZ	416m	0.57	0.96
OWI1812-220	22	1MHZ	780m	0.42	0.70
OWI1812-330	33	1MHZ	1.30	0.31	0.50
OWI1812-470	47	1MHZ	1.43	0.28	0.45
OWI1812-680	68	1MHZ	2.21	0.22	0.38
OWI1812-101	100	1MHZ	2.86	0.19	0.34
OWI1812-151	150	1MHZ	4.55	0.13	0.28
OWI1812-221	220	1MHZ	5.20	0.11	0.24
OWI1812-331	330	1MHZ	8.84	0.10	0.19
OWI1812-471	470	1KHZ	15.0	0.09	0.13

1. Inductance tested at 0.25V. Tolerance of inductance:
1.0uH~6.8uH: ±20%(M) 10uH~470uH: ±10%(K)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI2220 TYPE

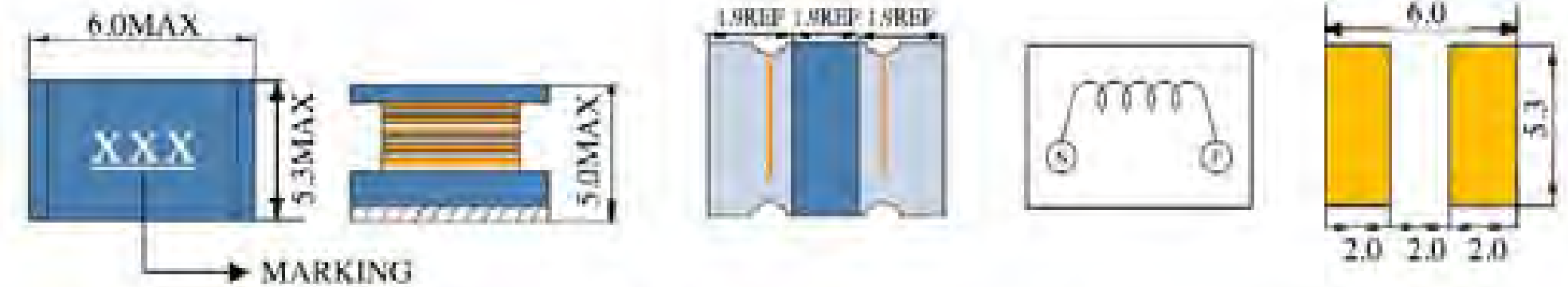


FEATURES

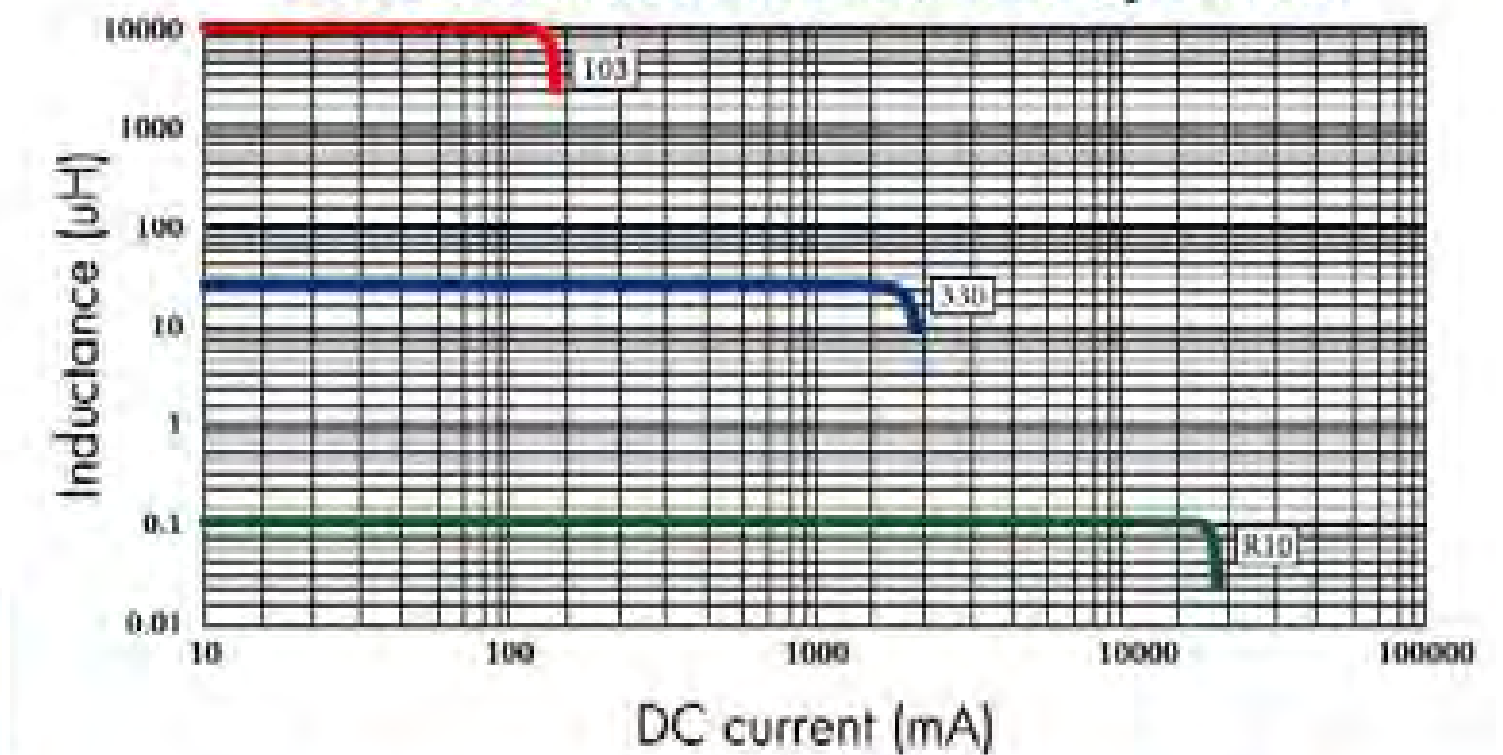
1. Low DC resistance, high rated current and high inductance.
Inductance: 0.1 to 10000uH.
2. The series exhibits low voltage drops and small variations in inductance with respect to temperature rise and DC current level. This makes them excellent for use as power supply line choke coils.

APPLICATIONS

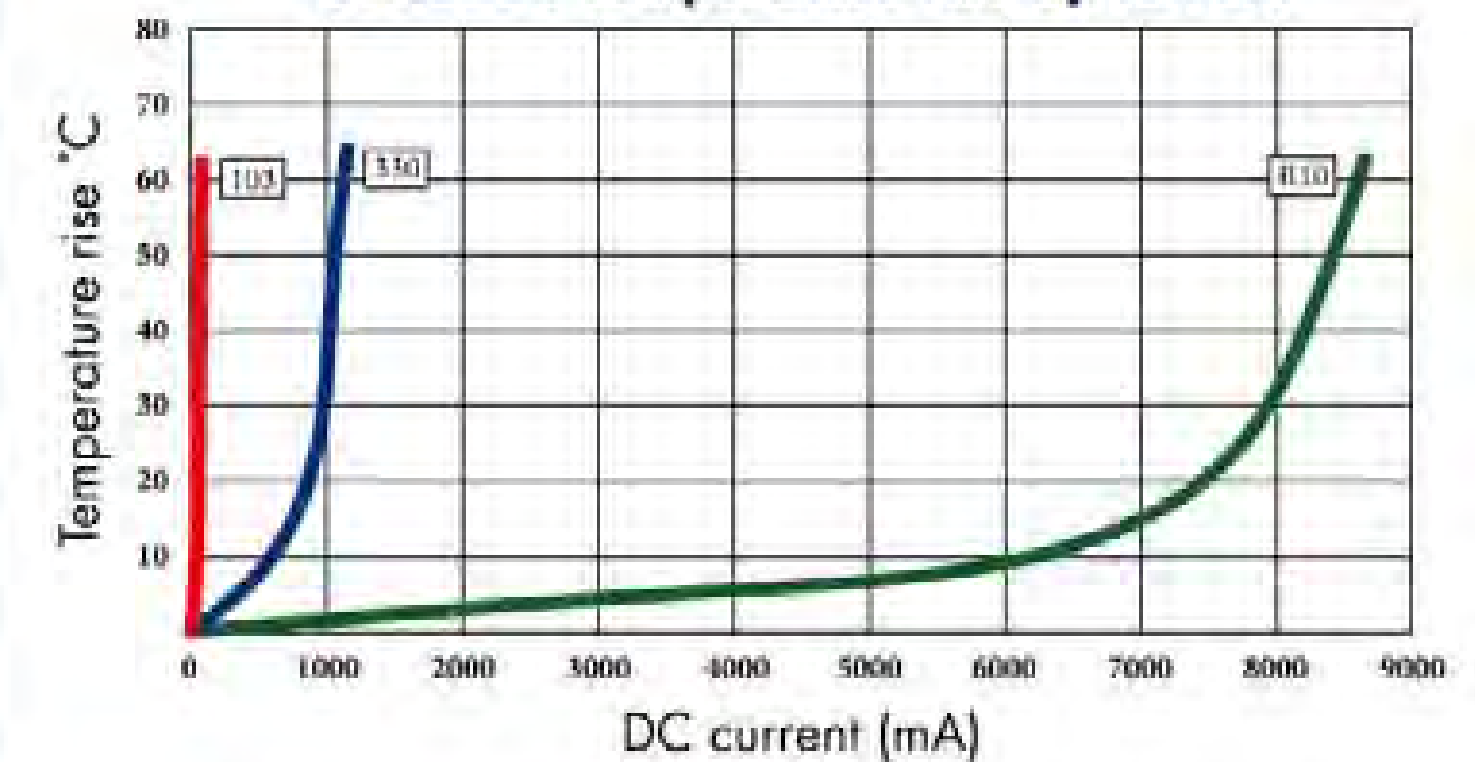
1. Portable communication, equipments.
2. DC/DC converters, etc.



OWI2220 Inductance decrease by current



OWI2220 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI2220 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI2220-R10	0.1	1MHZ	9.8m	6.00	7.80
OWI2220-R24	0.24	1MHZ	14.0m	5.30	6.60
OWI2220-R42	0.42	1MHZ	18.2m	4.80	5.40
OWI2220-1R0	1.0	1MHZ	26.6m	4.00	4.40
OWI2220-1R5	1.5	1MHZ	30.8m	3.70	3.90
OWI2220-2R2	2.2	1MHZ	40.6m	3.20	3.50
OWI2220-3R3	3.3	1MHZ	50.4m	2.90	3.10
OWI2220-4R7	4.7	1MHZ	63.0m	2.70	2.80
OWI2220-6R8	6.8	1MHZ	104m	2.00	2.38
OWI2220-100	10	1MHZ	130m	1.70	1.85
OWI2220-150	15	1MHZ	210m	1.40	1.50
OWI2220-220	22	1MHZ	265m	1.20	1.23
OWI2220-330	33	1MHZ	448m	0.90	0.96
OWI2220-470	47	1MHZ	630m	0.80	0.76
OWI2220-680	68	1MHZ	938m	0.64	0.68
OWI2220-101	100	100KHZ	1.20	0.56	0.52
OWI2220-151	150	100KHZ	2.66	0.42	0.40
OWI2220-221	220	100KHZ	3.36	0.32	0.30
OWI2220-331	330	100KHZ	6.16	0.27	0.26
OWI2220-471	470	100KHZ	7.56	0.24	0.23
OWI2220-681	680	100KHZ	11.34	0.19	0.19
OWI2220-102	1000	10KHZ	14.42	0.15	0.15
OWI2220-222	2200	10KHZ	30.10	0.10	0.10
OWI2220-472	4700	10KHZ	61.04	0.07	0.07
OWI2220-103	10000	10KHZ	140.00	0.05	0.05

1. Inductance tested at 0.25V. Tolerance of inductance:
0.1uH~0.42uH: ±30%(N) 1.0uH~10mH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI32B TYPE

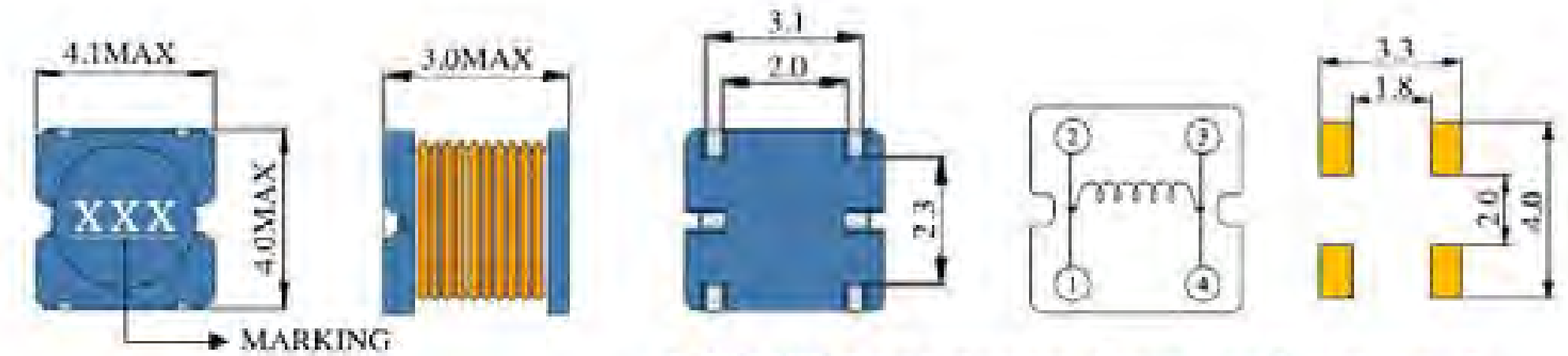


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

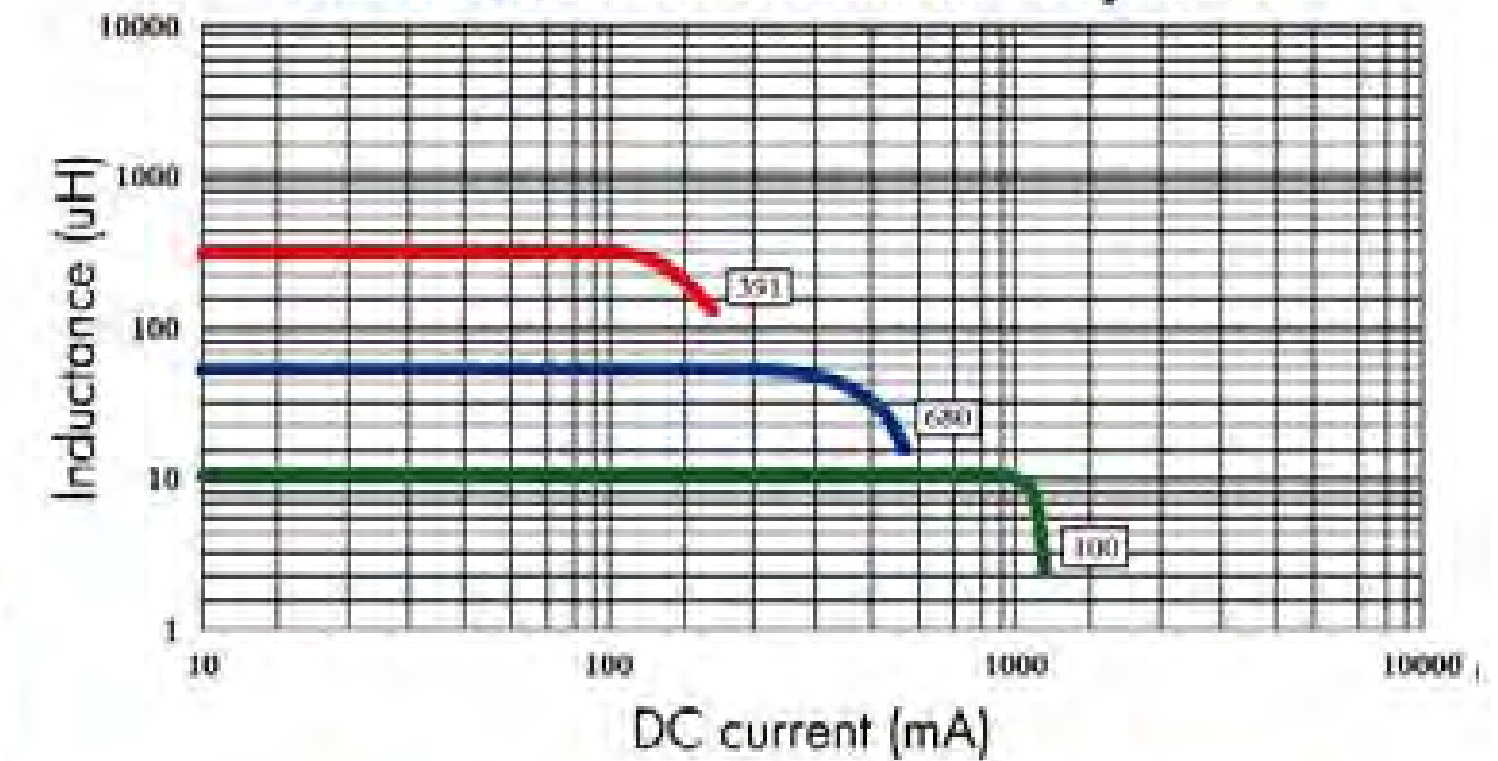
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



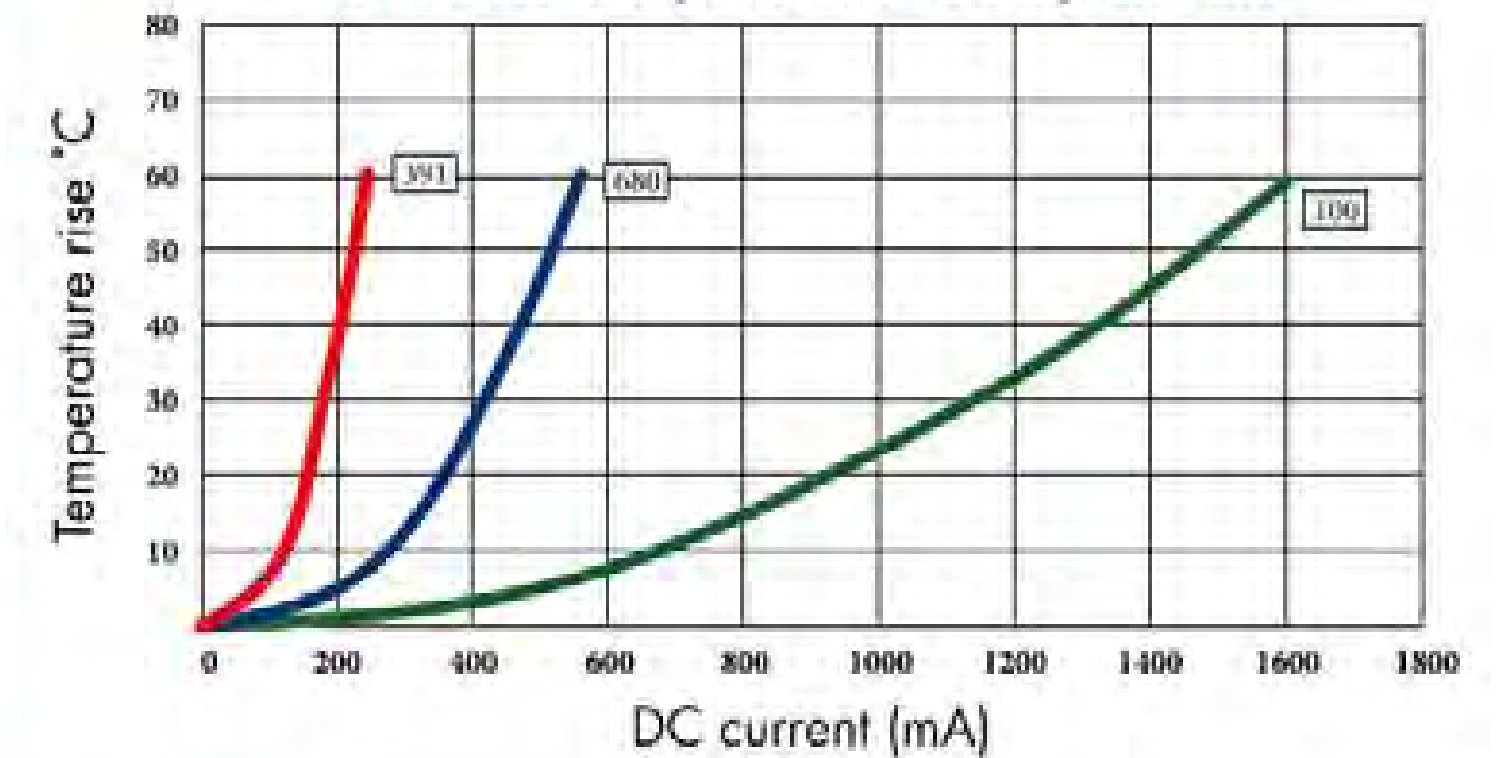
ELECTRICAL CHARACTERISTICS FOR OWI32B SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI32B-100	10	100KHZ	0.23	0.760	1.00
OWI32B-120	12	100KHZ	0.27	0.685	0.92
OWI32B-150	15	100KHZ	0.31	0.635	0.86
OWI32B-180	18	100KHZ	0.41	0.525	0.80
OWI32B-220	22	100KHZ	0.47	0.500	0.74
OWI32B-270	27	100KHZ	0.66	0.405	0.68
OWI32B-330	33	100KHZ	0.76	0.380	0.58
OWI32B-390	39	100KHZ	0.85	0.355	0.50
OWI32B-470	47	100KHZ	0.97	0.330	0.45
OWI32B-560	56	100KHZ	1.25	0.290	0.43
OWI32B-680	68	100KHZ	1.45	0.275	0.40
OWI32B-820	82	100KHZ	1.85	0.235	0.36
OWI32B-101	100	100KHZ	2.20	0.220	0.32
OWI32B-121	120	100KHZ	2.90	0.185	0.29
OWI32B-151	150	100KHZ	3.40	0.170	0.25
OWI32B-181	180	100KHZ	3.90	0.165	0.23
OWI32B-221	220	100KHZ	4.50	0.155	0.21
OWI32B-271	270	100KHZ	6.00	0.135	0.20
OWI32B-331	330	100KHZ	7.00	0.125	0.18
OWI32B-391	390	100KHZ	7.80	0.115	0.17

OWI32B Inductance decrease by current



OWI32B Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI43B TYPE

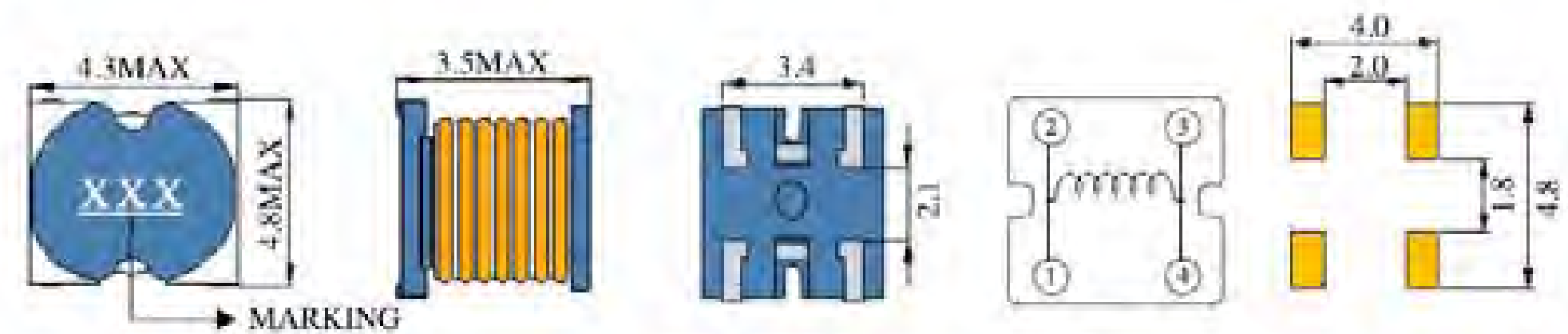


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

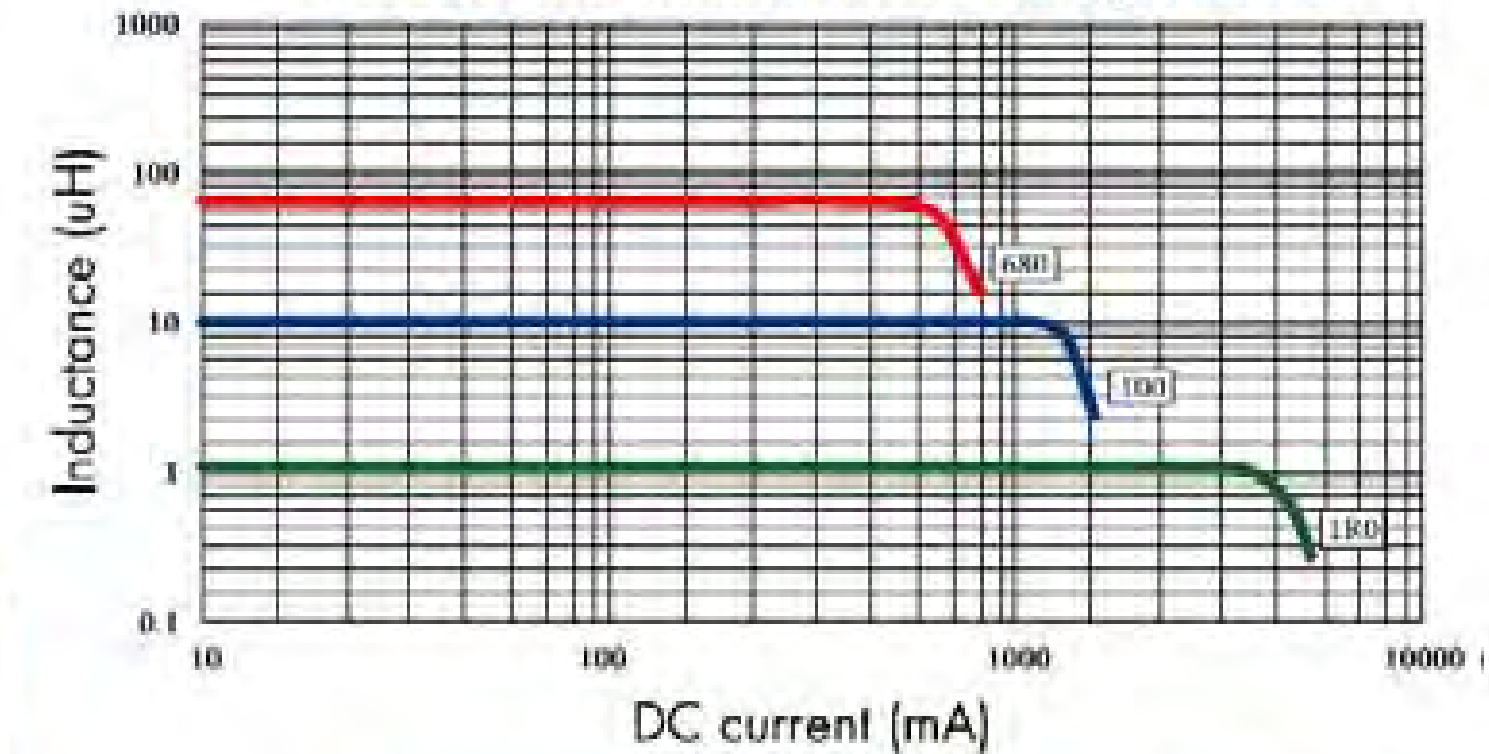
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



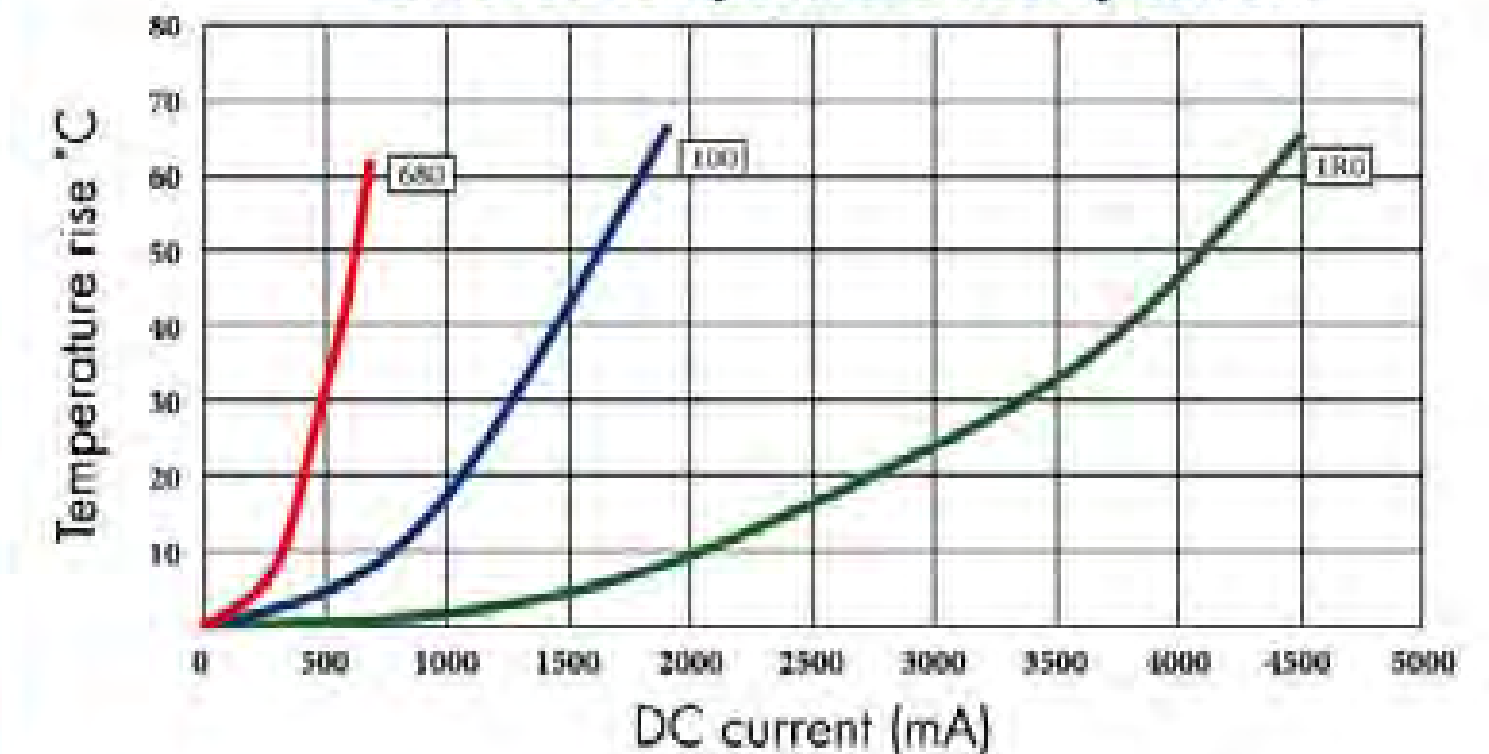
ELECTRICAL CHARACTERISTICS FOR OWI43B SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI43B-1R0	1.0	7.96MHZ	48m	2.56	3.10
OWI43B-1R4	1.4	7.96MHZ	56m	2.20	3.00
OWI43B-1R8	1.8	7.96MHZ	63m	2.00	2.80
OWI43B-2R2	2.2	7.96MHZ	71m	1.75	2.70
OWI43B-2R7	2.7	7.96MHZ	78m	1.58	2.60
OWI43B-3R3	3.3	7.96MHZ	86m	1.44	2.30
OWI43B-3R9	3.9	7.96MHZ	93m	1.33	2.00
OWI43B-4R7	4.7	7.96MHZ	108m	1.22	1.80
OWI43B-5R6	5.6	7.96MHZ	125m	1.15	1.60
OWI43B-6R8	6.8	7.96MHZ	131m	1.00	1.55
OWI43B-8R2	8.2	7.96MHZ	146m	0.92	1.45
OWI43B-100	10	2.52MHZ	182m	0.84	1.30
OWI43B-120	12	2.52MHZ	210m	0.77	1.23
OWI43B-150	15	2.52MHZ	235m	0.69	1.13
OWI43B-180	18	2.52MHZ	338m	0.65	1.00
OWI43B-220	22	2.52MHZ	378m	0.58	0.92
OWI43B-270	27	2.52MHZ	522m	0.52	0.83
OWI43B-330	33	2.52MHZ	540m	0.48	0.74
OWI43B-390	39	2.52MHZ	587m	0.42	0.66
OWI43B-470	47	2.52MHZ	844m	0.39	0.57
OWI43B-560	56	2.52MHZ	937m	0.35	0.50
OWI43B-680	68	2.52MHZ	1.117	0.33	0.45

OWI43B Inductance decrease by current



OWI43B Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
1.0uH: ±30%(N) 1.4uH~68uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI54B TYPE

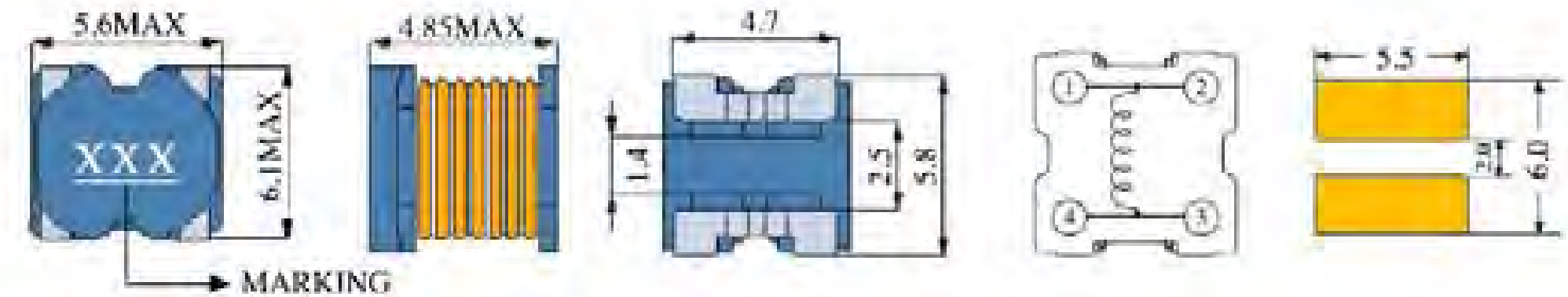


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

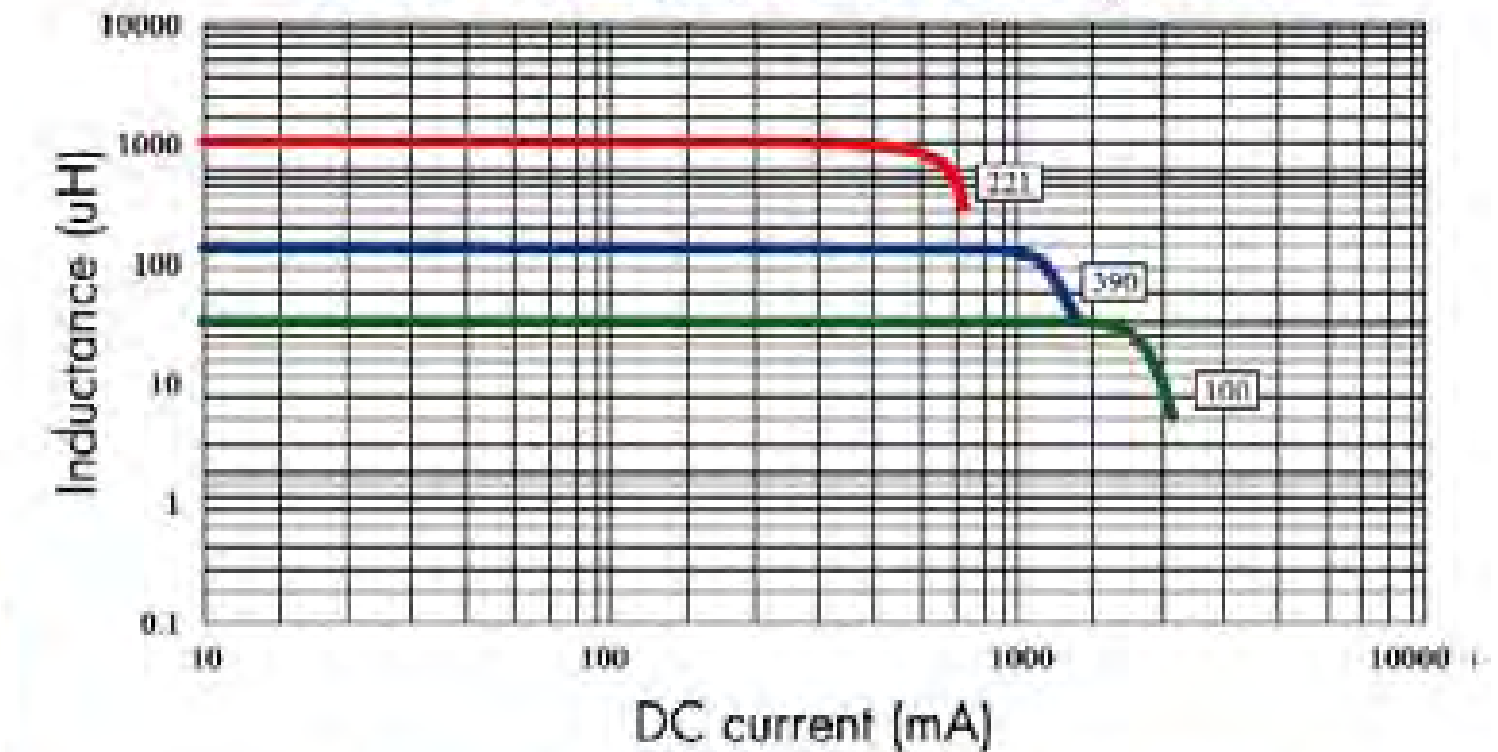
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



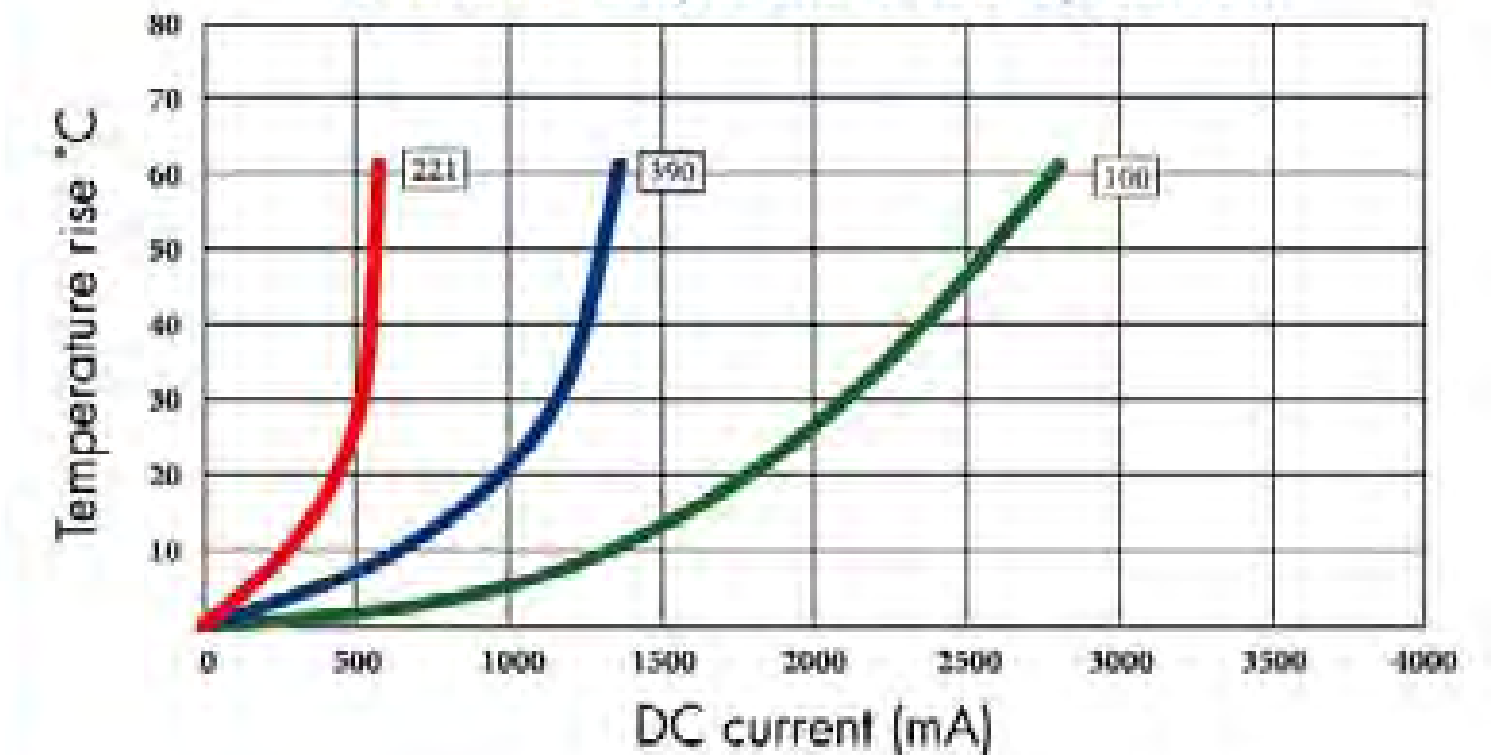
ELECTRICAL CHARACTERISTICS FOR OWI54B SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI54B-100	10	2.52MHZ	0.10	1.44	2.00
OWI54B-120	12	2.52MHZ	0.12	1.40	1.90
OWI54B-150	15	2.52MHZ	0.14	1.30	1.80
OWI54B-180	18	2.52MHZ	0.15	1.23	1.70
OWI54B-220	22	2.52MHZ	0.18	1.11	1.60
OWI54B-270	27	2.52MHZ	0.20	0.97	1.53
OWI54B-330	33	2.52MHZ	0.23	0.88	1.40
OWI54B-390	39	2.52MHZ	0.32	0.80	1.20
OWI54B-470	47	2.52MHZ	0.37	0.72	1.00
OWI54B-560	56	2.52MHZ	0.42	0.68	0.82
OWI54B-680	68	2.52MHZ	0.46	0.61	0.78
OWI54B-820	82	2.52MHZ	0.60	0.58	0.70
OWI54B-101	100	1KHZ	0.70	0.52	0.65
OWI54B-121	120	1KHZ	0.93	0.48	0.64
OWI54B-151	150	1KHZ	1.10	0.40	0.60
OWI54B-181	180	1KHZ	1.38	0.38	0.54
OWI54B-221	220	1KHZ	1.57	0.35	0.49

OWI54B Inductance decrease by current



OWI54B Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI73B TYPE

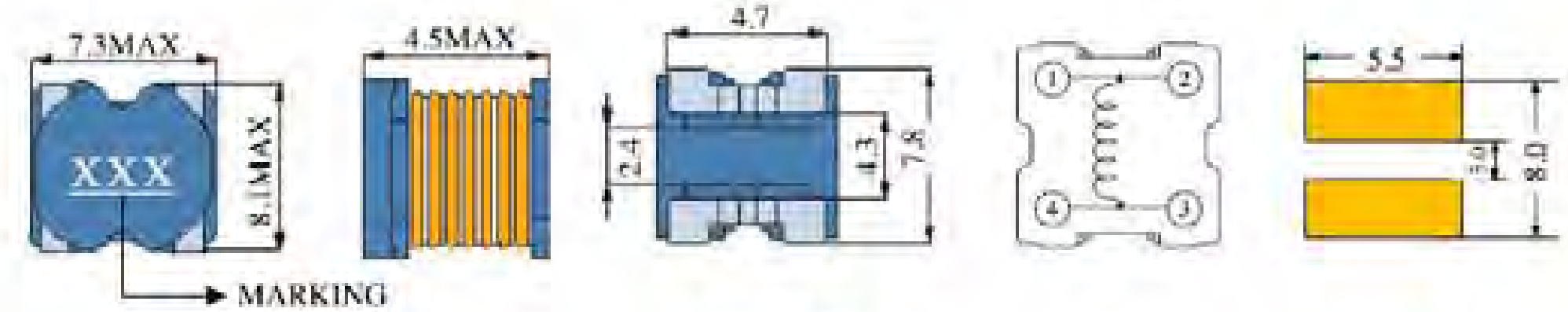


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

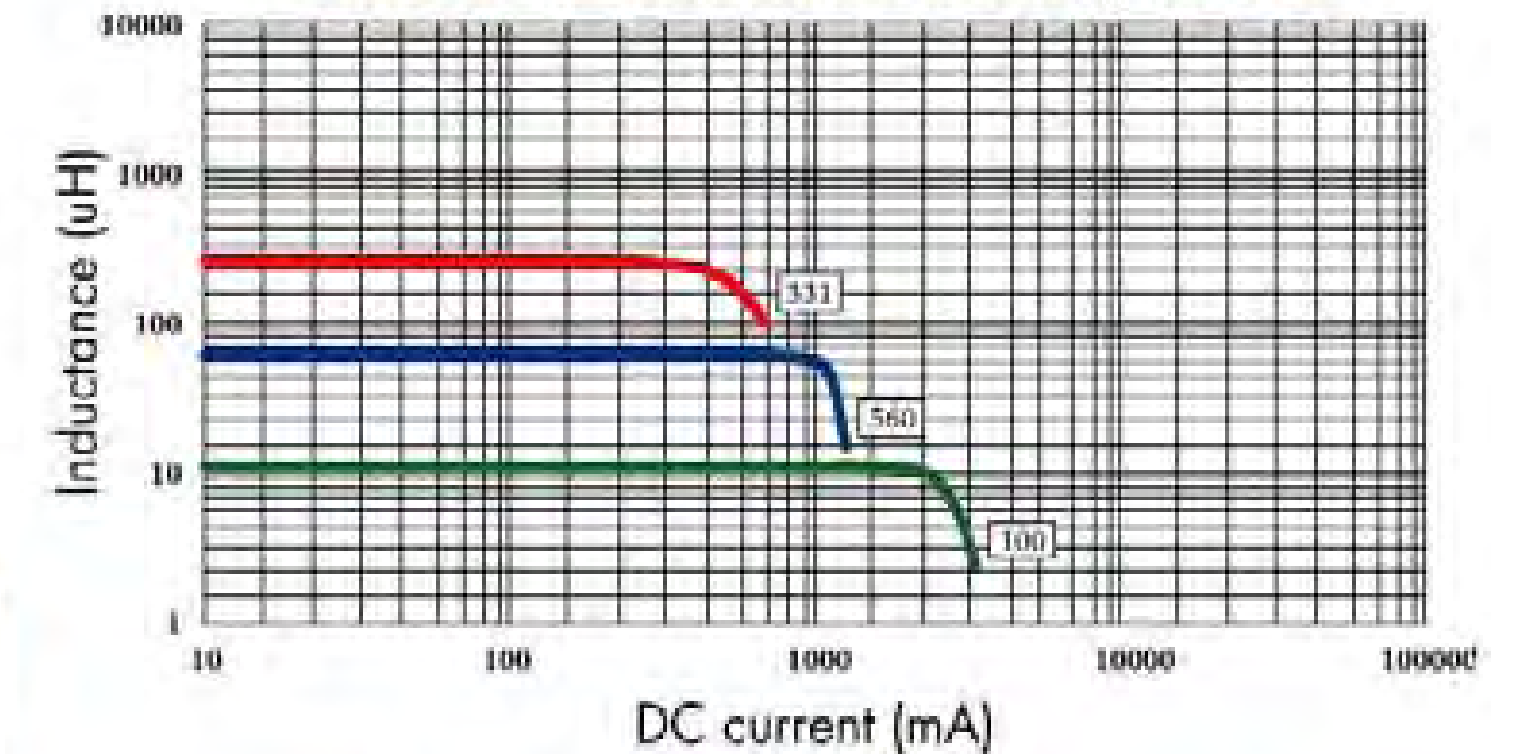
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



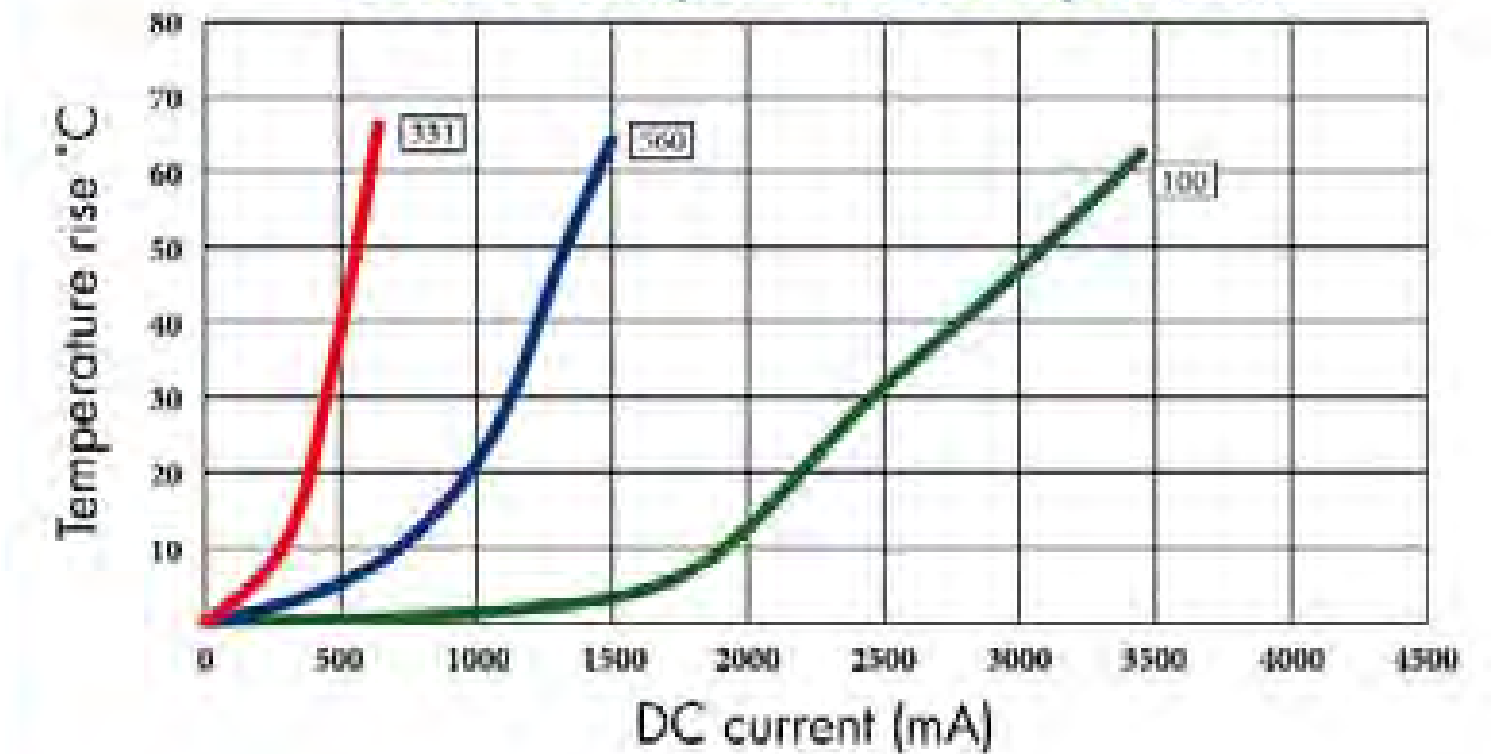
ELECTRICAL CHARACTERISTICS FOR OWI73B SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI73B-100	10	2.52MHZ	0.08	1.44	2.40
OWI73B-120	12	2.52MHZ	0.09	1.39	2.20
OWI73B-150	15	2.52MHZ	0.10	1.24	2.00
OWI73B-180	18	2.52MHZ	0.11	1.12	1.80
OWI73B-220	22	2.52MHZ	0.13	1.07	1.65
OWI73B-270	27	2.52MHZ	0.17	0.94	1.50
OWI73B-330	33	2.52MHZ	0.20	0.85	1.40
OWI73B-390	39	2.52MHZ	0.22	0.74	1.30
OWI73B-470	47	2.52MHZ	0.29	0.68	1.22
OWI73B-560	56	2.52MHZ	0.34	0.64	1.13
OWI73B-680	68	2.52MHZ	0.40	0.59	1.05
OWI73B-820	82	2.52MHZ	0.47	0.54	0.96
OWI73B-101	100	1KHZ	0.50	0.51	0.88
OWI73B-121	120	1KHZ	0.66	0.49	0.80
OWI73B-151	150	1KHZ	0.75	0.40	0.72
OWI73B-181	180	1KHZ	1.02	0.36	0.62
OWI73B-221	220	1KHZ	1.20	0.31	0.54
OWI73B-271	270	1KHZ	1.31	0.29	0.48
OWI73B-331	330	1KHZ	1.76	0.28	0.44

OWI73B Inductance decrease by current



OWI73B Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI75B TYPE

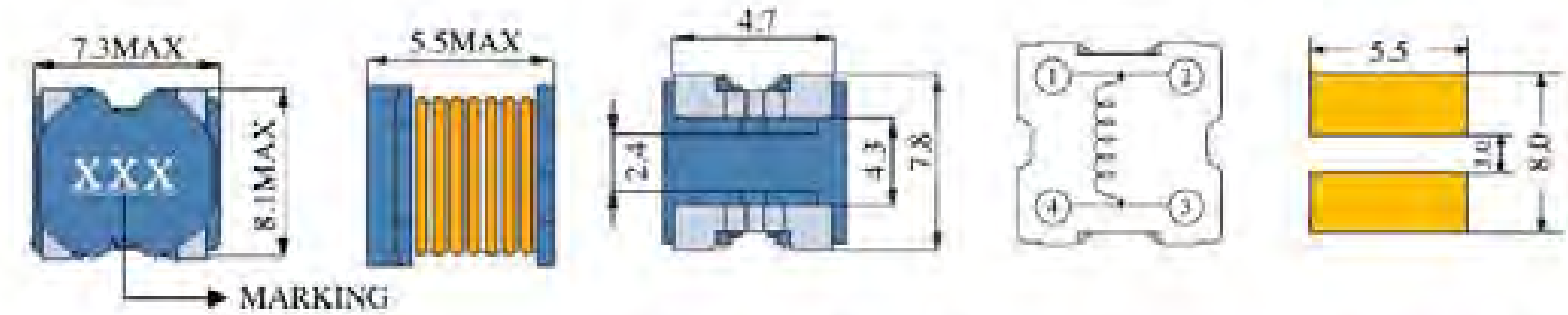


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

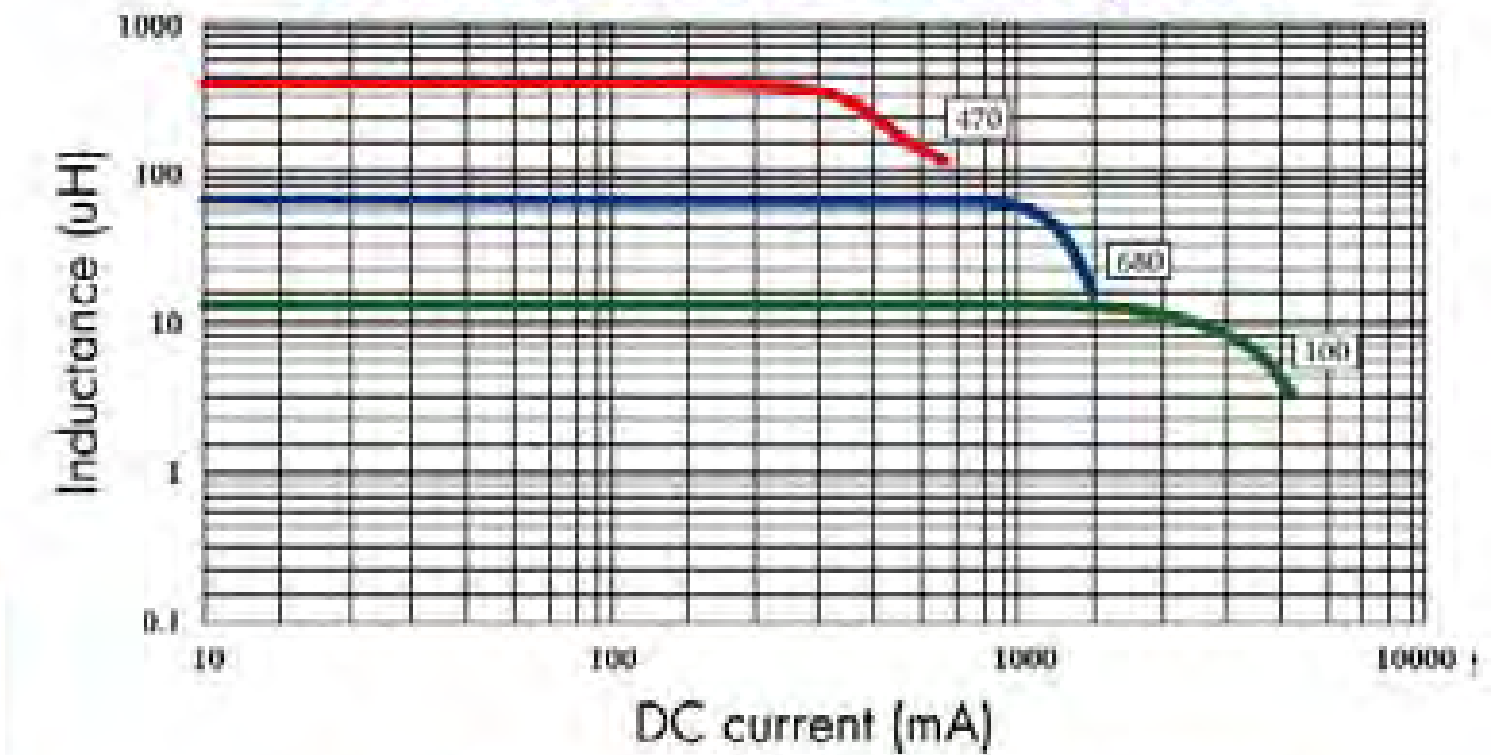
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



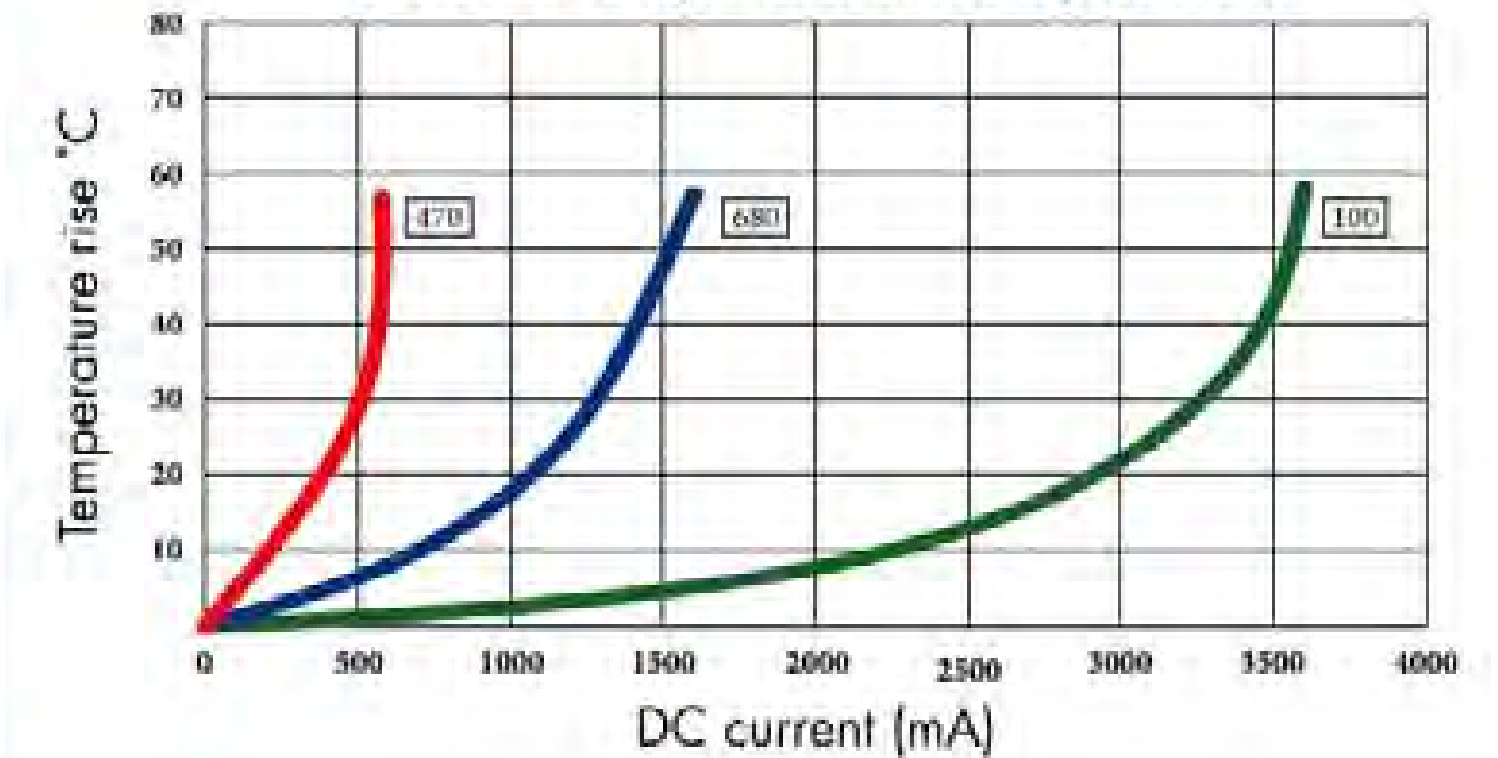
ELECTRICAL CHARACTERISTICS FOR OWI75B SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI75B-100	10	2.52MHZ	0.07	2.30	3.20
OWI75B-120	12	2.52MHZ	0.08	2.00	3.00
OWI75B-150	15	2.52MHZ	0.09	1.80	2.75
OWI75B-180	18	2.52MHZ	0.10	1.60	2.40
OWI75B-220	22	2.52MHZ	0.11	1.50	2.10
OWI75B-270	27	2.52MHZ	0.12	1.30	1.85
OWI75B-330	33	2.52MHZ	0.13	1.20	1.70
OWI75B-390	39	2.52MHZ	0.16	1.10	1.55
OWI75B-470	47	2.52MHZ	0.18	1.10	1.47
OWI75B-560	56	2.52MHZ	0.24	0.94	1.30
OWI75B-680	68	2.52MHZ	0.28	0.85	1.12
OWI75B-820	82	2.52MHZ	0.37	0.78	1.03
OWI75B-101	100	1KHZ	0.43	0.72	0.90
OWI75B-121	120	1KHZ	0.47	0.66	0.86
OWI75B-151	150	1KHZ	0.64	0.58	0.80
OWI75B-181	180	1KHZ	0.71	0.51	0.76
OWI75B-221	220	1KHZ	0.96	0.49	0.68
OWI75B-271	270	1KHZ	1.11	0.42	0.60
OWI75B-331	330	1KHZ	1.26	0.40	0.52
OWI75B-391	390	1KHZ	1.77	0.36	0.50
OWI75B-471	470	1KHZ	1.96	0.34	0.46

OWI75B Inductance decrease by current



OWI75B Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI104B TYPE

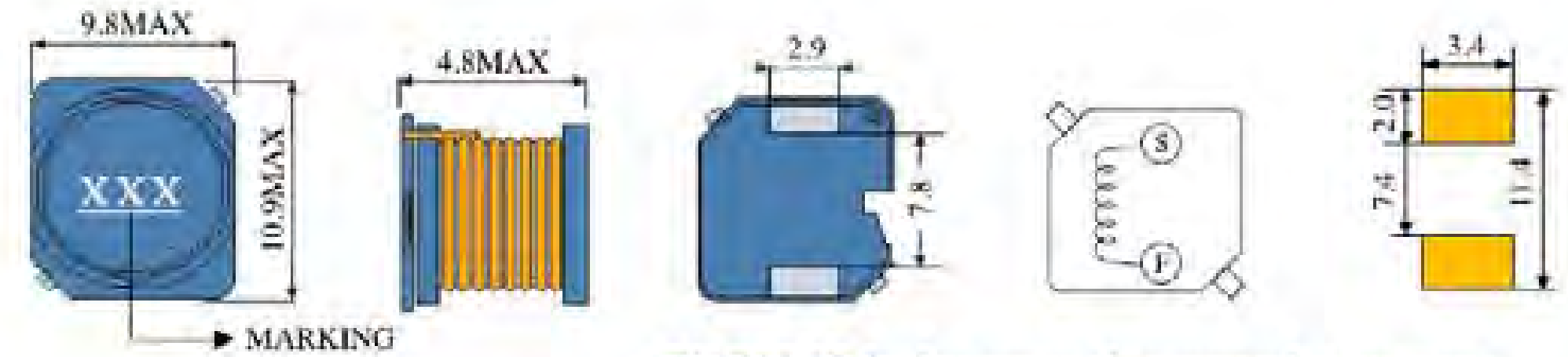


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

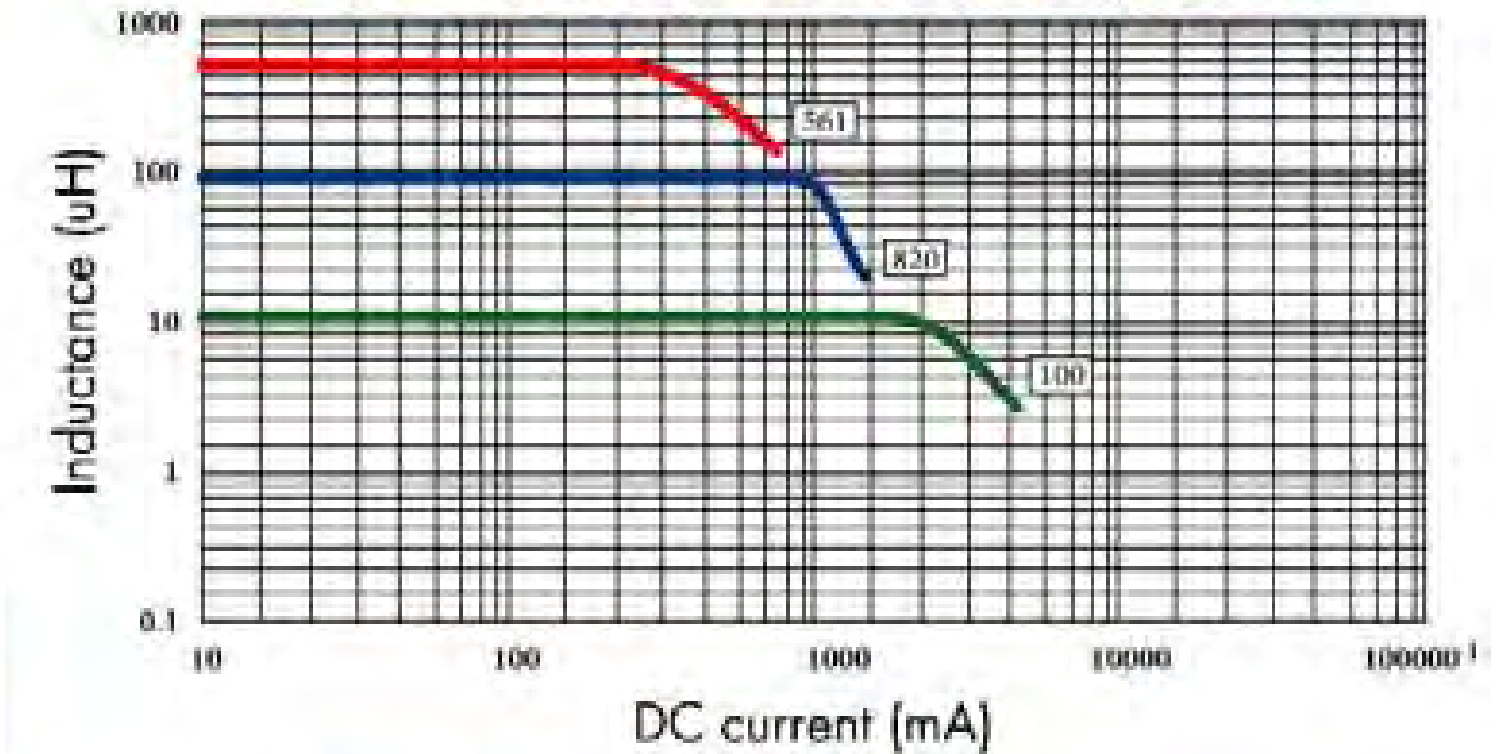
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



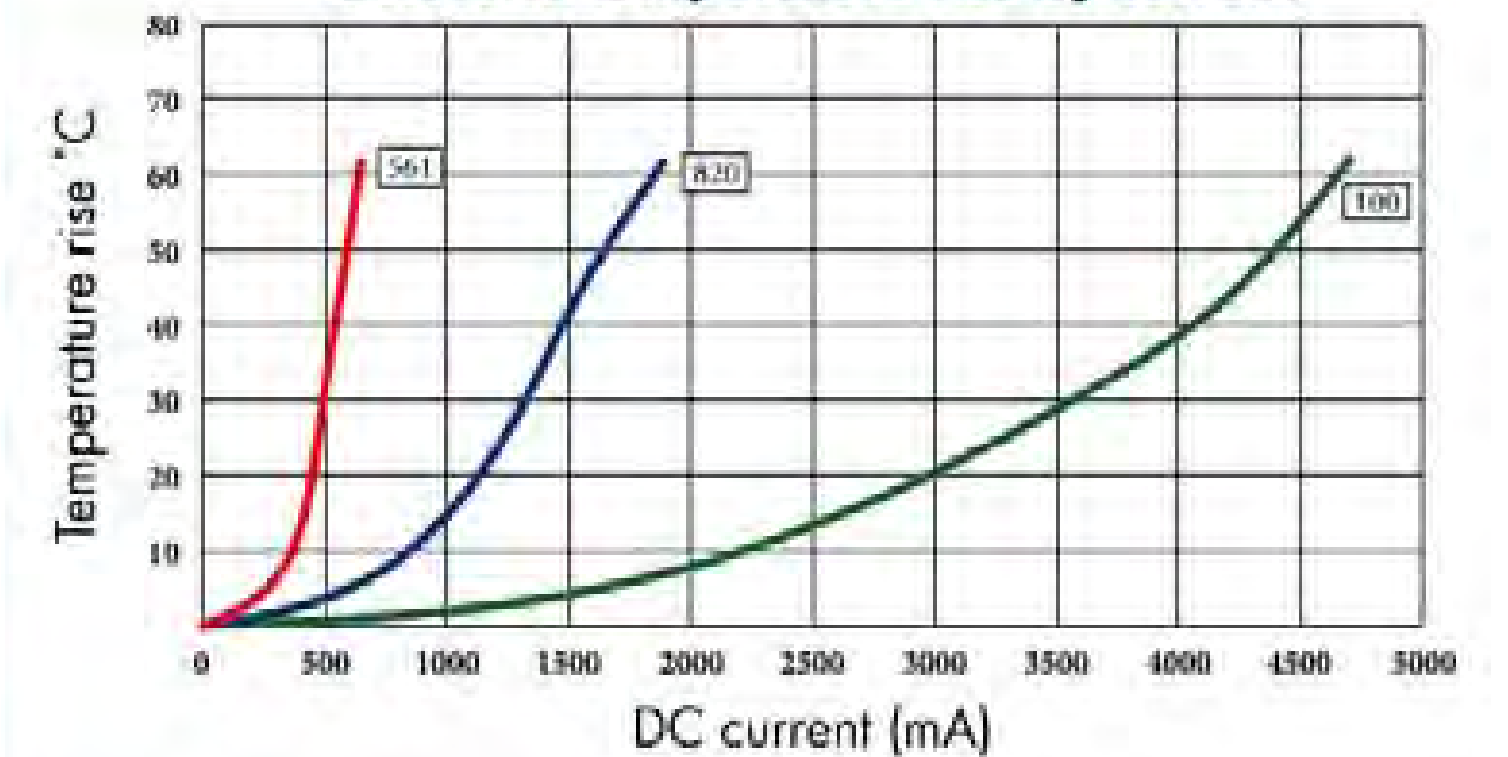
ELECTRICAL CHARACTERISTICS FOR OWI104B SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI104B-100	10	2.52MHZ	53m	2.38	3.60
OWI104B-120	12	2.52MHZ	61m	2.13	3.20
OWI104B-150	15	2.52MHZ	70m	1.87	2.90
OWI104B-180	18	2.52MHZ	90m	1.73	2.70
OWI104B-220	22	2.52MHZ	100m	1.60	2.30
OWI104B-270	27	2.52MHZ	124m	1.44	2.10
OWI104B-330	33	2.52MHZ	140m	1.26	1.90
OWI104B-390	39	2.52MHZ	151m	1.20	1.80
OWI104B-470	47	2.52MHZ	195m	1.10	1.60
OWI104B-560	56	2.52MHZ	220m	1.01	1.55
OWI104B-680	68	2.52MHZ	260m	0.91	1.50
OWI104B-820	82	2.52MHZ	310m	0.85	1.30
OWI104B-101	100	1KHZ	344m	0.74	1.20
OWI104B-121	120	1KHZ	396m	0.69	1.08
OWI104B-151	150	1KHZ	554m	0.61	0.98
OWI104B-181	180	1KHZ	621m	0.56	0.88
OWI104B-221	220	1KHZ	721m	0.53	0.80
OWI104B-271	270	1KHZ	949m	0.45	0.74
OWI104B-331	330	1KHZ	1.100	0.42	0.64
OWI104B-391	390	1KHZ	1.245	0.38	0.54
OWI104B-471	470	1KHZ	1.526	0.35	0.50
OWI104B-561	560	1KHZ	1.904	0.32	0.48

OWI104B Inductance decrease by current



OWI104B Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI105B TYPE

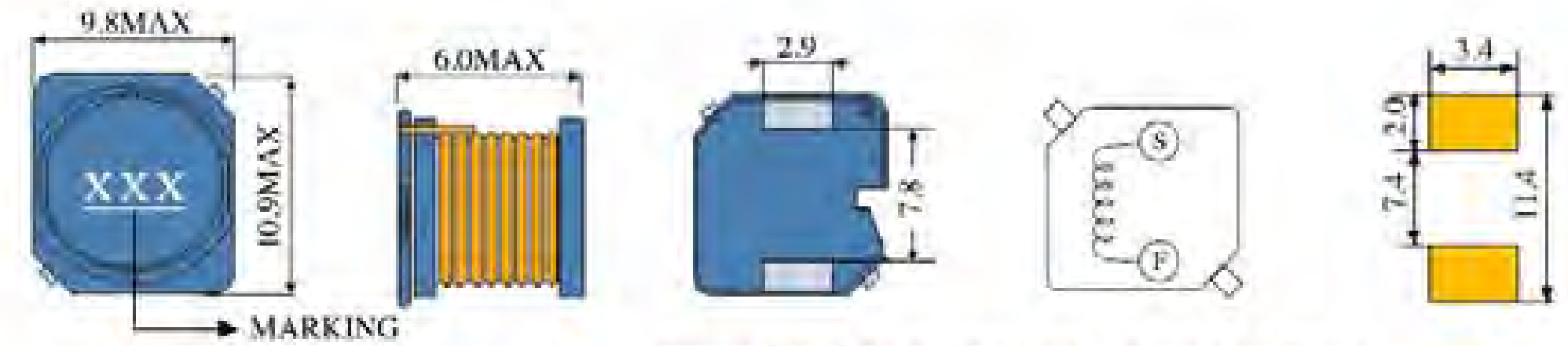


FEATURES

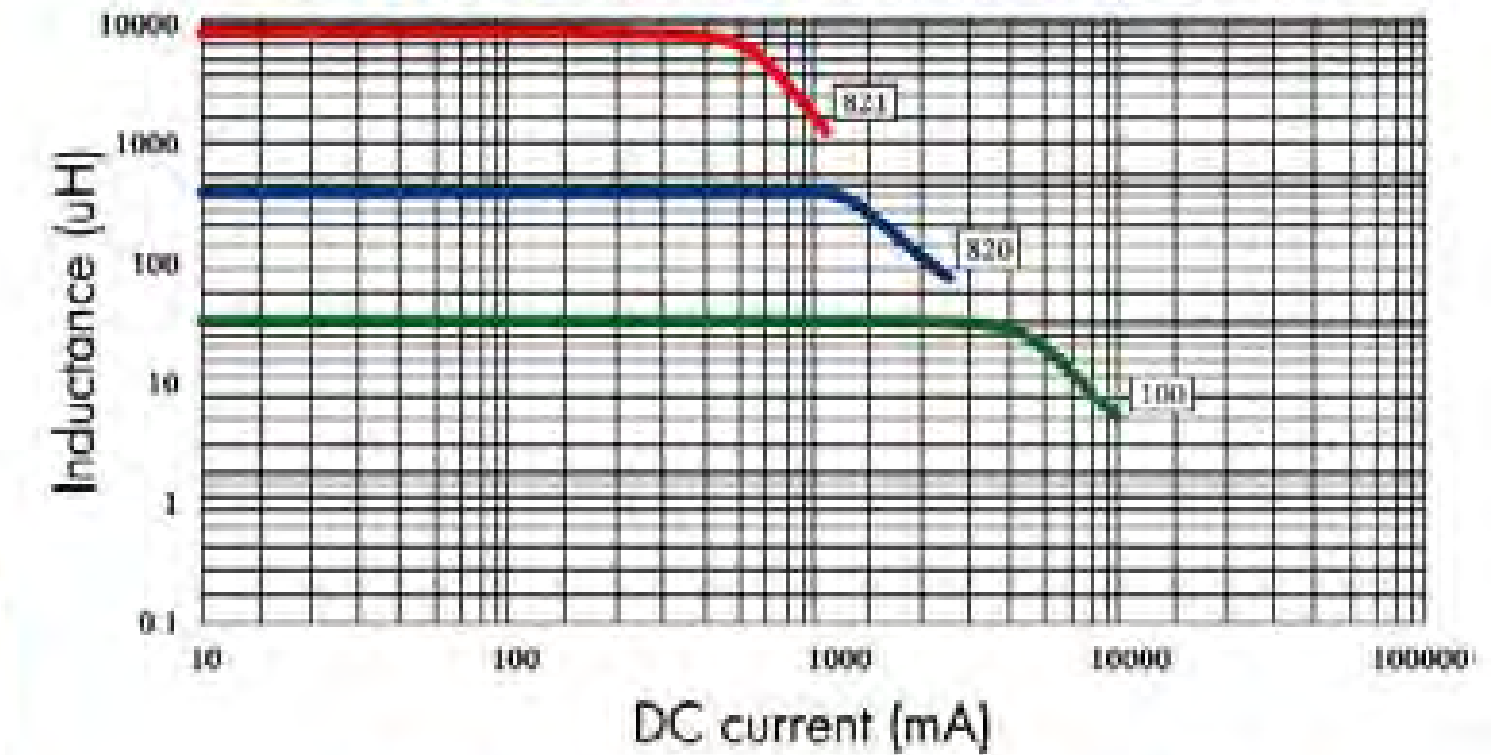
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

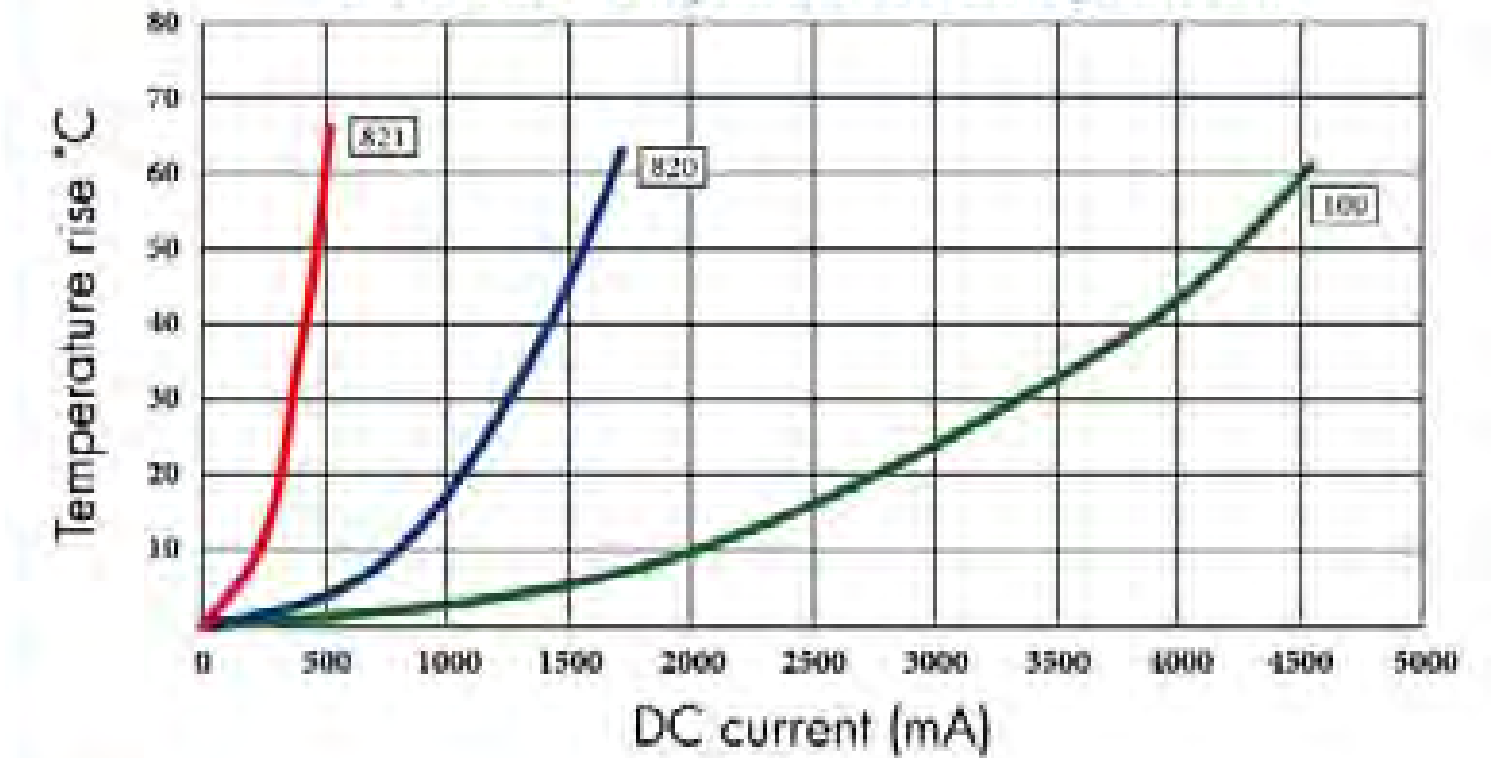
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWI105B Inductance decrease by current



OWI105B Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI105B SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI105B-100	10	2.52MHZ	60m	2.60	3.50
OWI105B-120	12	2.52MHZ	70m	2.45	3.20
OWI105B-150	15	2.52MHZ	80m	2.27	2.90
OWI105B-180	18	2.52MHZ	90m	2.15	2.60
OWI105B-220	22	2.52MHZ	100m	1.95	2.40
OWI105B-270	27	2.52MHZ	136m	1.76	2.10
OWI105B-330	33	2.52MHZ	160m	1.50	1.90
OWI105B-390	39	2.52MHZ	175m	1.37	1.80
OWI105B-470	47	2.52MHZ	210m	1.28	1.60
OWI105B-560	56	2.52MHZ	250m	1.17	1.45
OWI105B-680	68	2.52MHZ	285m	1.11	1.35
OWI105B-820	82	2.52MHZ	333m	1.00	1.30
OWI105B-101	100	1KHZ	370m	0.97	1.20
OWI105B-121	120	1KHZ	430m	0.89	1.08
OWI105B-151	150	1KHZ	550m	0.78	0.96
OWI105B-181	180	1KHZ	630m	0.72	0.86
OWI105B-221	220	1KHZ	730m	0.66	0.82
OWI105B-271	270	1KHZ	970m	0.57	0.72
OWI105B-331	330	1KHZ	1.26	0.52	0.66
OWI105B-391	390	1KHZ	1.30	0.48	0.58
OWI105B-471	470	1KHZ	1.70	0.42	0.52
OWI105B-561	560	1KHZ	1.90	0.33	0.47
OWI105B-681	680	1KHZ	2.60	0.28	0.43
OWI105B-821	820	1KHZ	3.10	0.24	0.39

1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25°C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40°C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

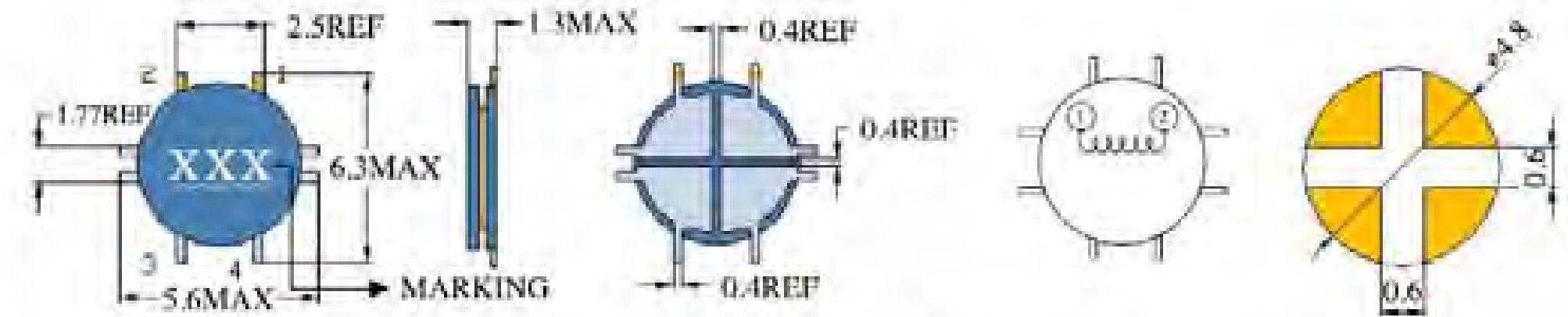
OWIH4312 TYPE

FEATURES

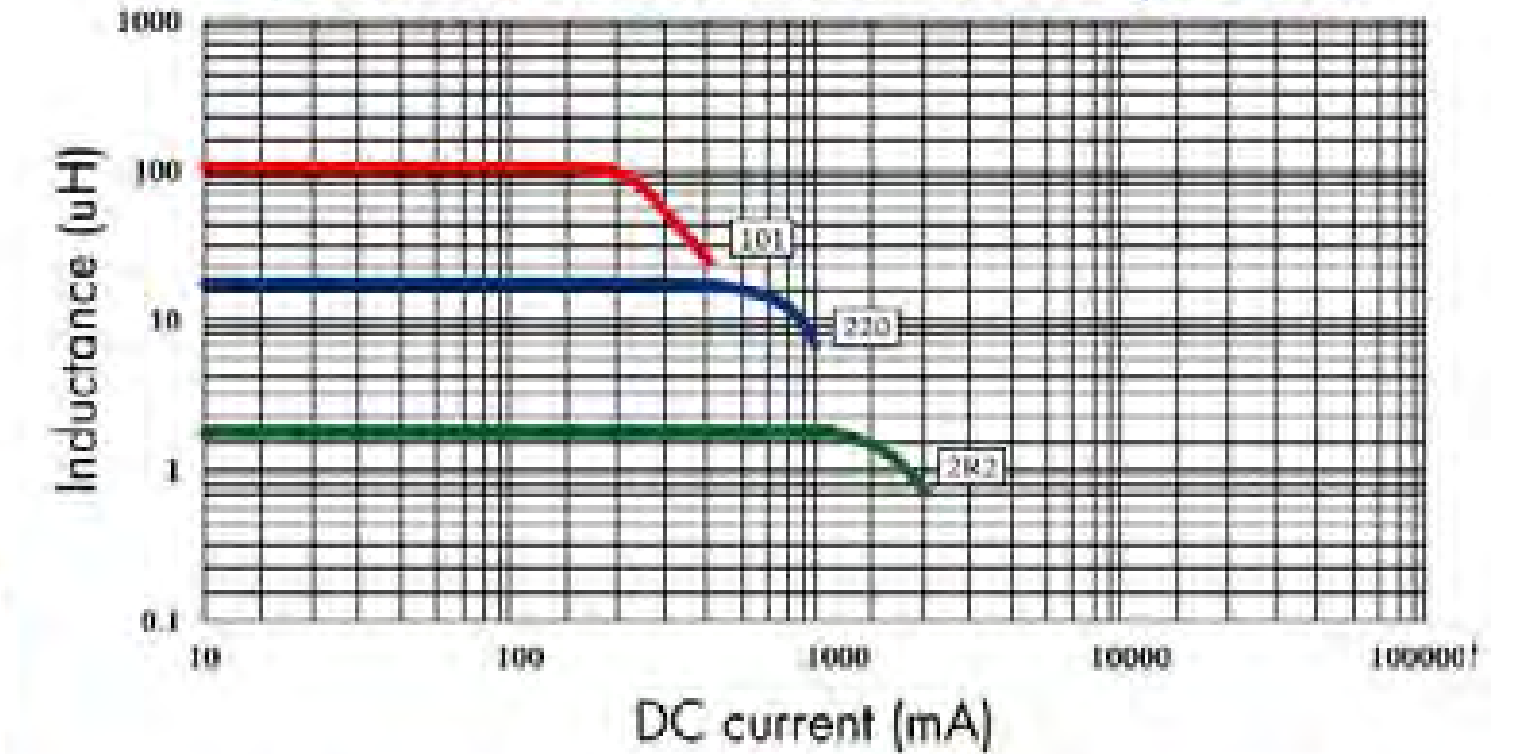
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

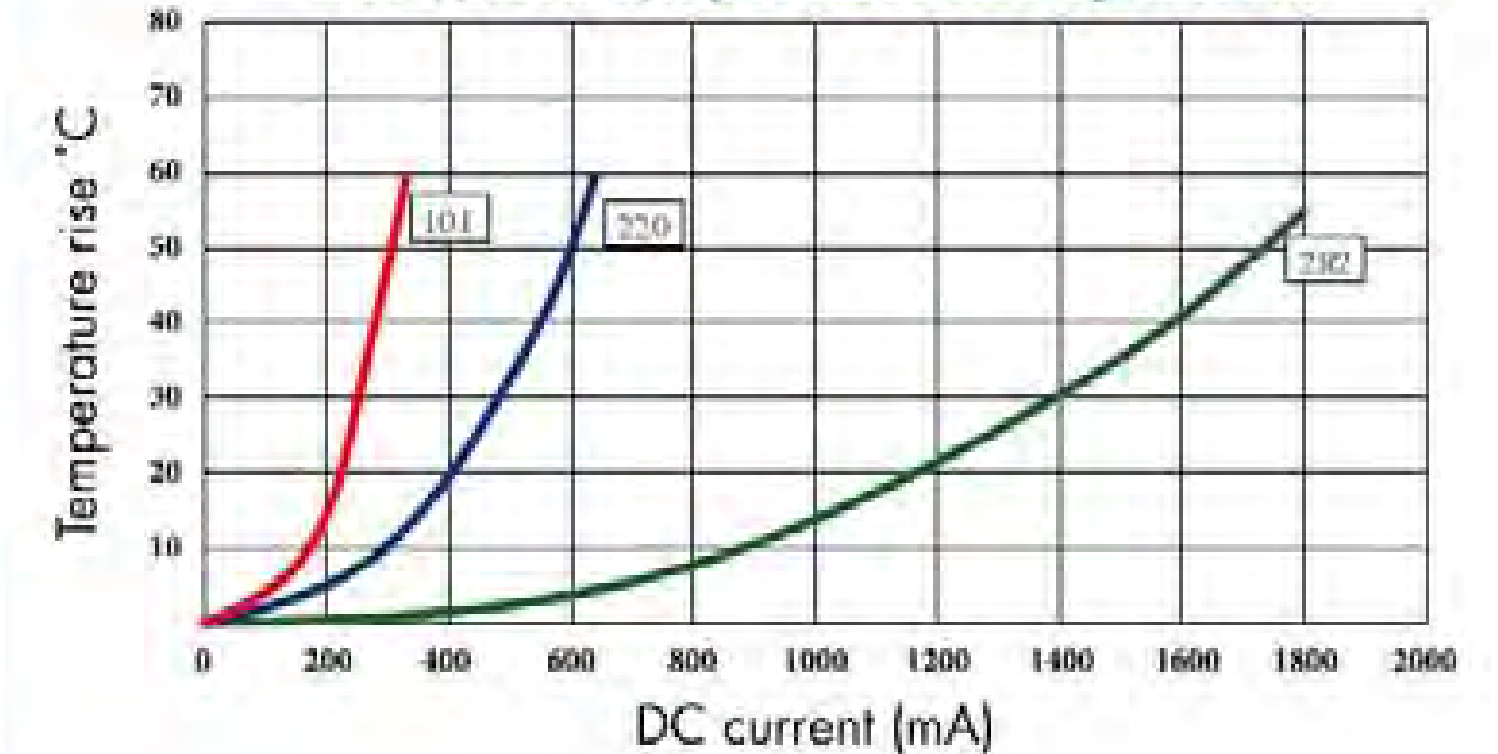
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIH4312 Inductance decrease by current



OWIH4312 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIH4312 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIH4312-2R2	2.2	100KHZ	104m	1.30	1.38
OWIH4312-3R3	3.3	100KHZ	145m	1.00	1.20
OWIH4312-4R7	4.7	100KHZ	200m	0.84	1.00
OWIH4312-6R8	6.8	100KHZ	270m	0.74	0.88
OWIH4312-100	10	100KHZ	403m	0.56	0.74
OWIH4312-120	12	100KHZ	456m	0.53	0.64
OWIH4312-150	15	100KHZ	570m	0.50	0.62
OWIH4312-180	18	100KHZ	690m	0.45	0.56
OWIH4312-220	22	100KHZ	930m	0.37	0.50
OWIH4312-270	27	100KHZ	1.00	0.35	0.45
OWIH4312-330	33	100KHZ	1.32	0.33	0.40
OWIH4312-390	39	100KHZ	1.55	0.28	0.38
OWIH4312-470	47	100KHZ	1.72	0.26	0.34
OWIH4312-560	56	100KHZ	1.95	0.25	0.32
OWIH4312-680	68	100KHZ	2.60	0.23	0.30
OWIH4312-820	82	100KHZ	2.95	0.21	0.28
OWIH4312-101	100	100KHZ	3.36	0.18	0.26

1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25°C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40°C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

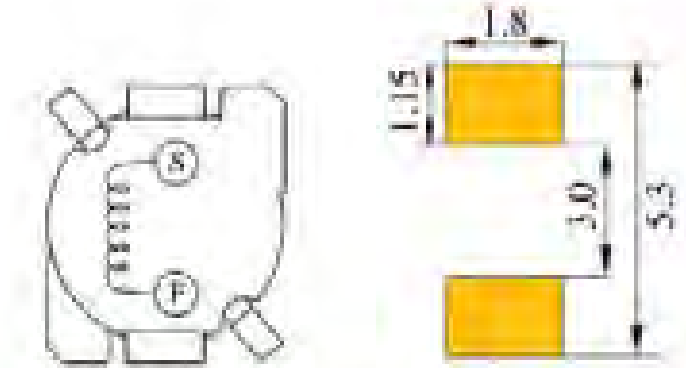
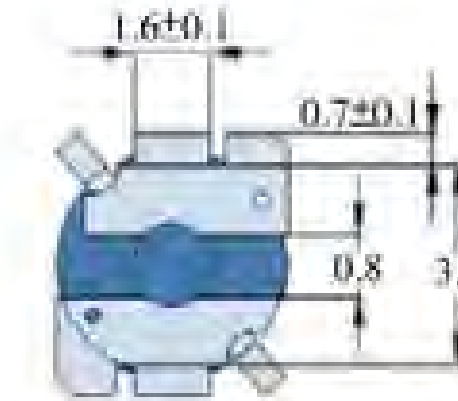
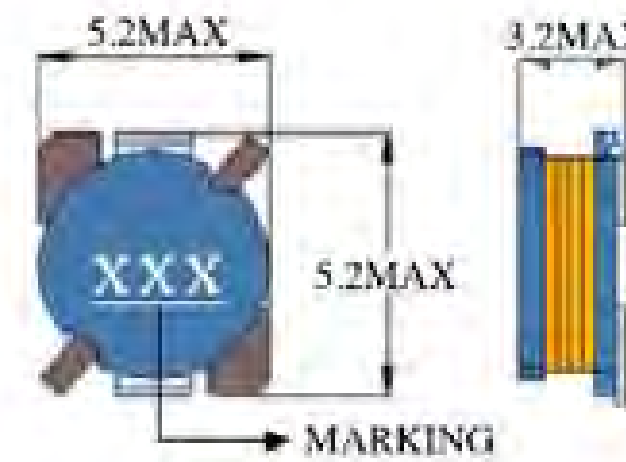
OWI53FU TYPE

FEATURES

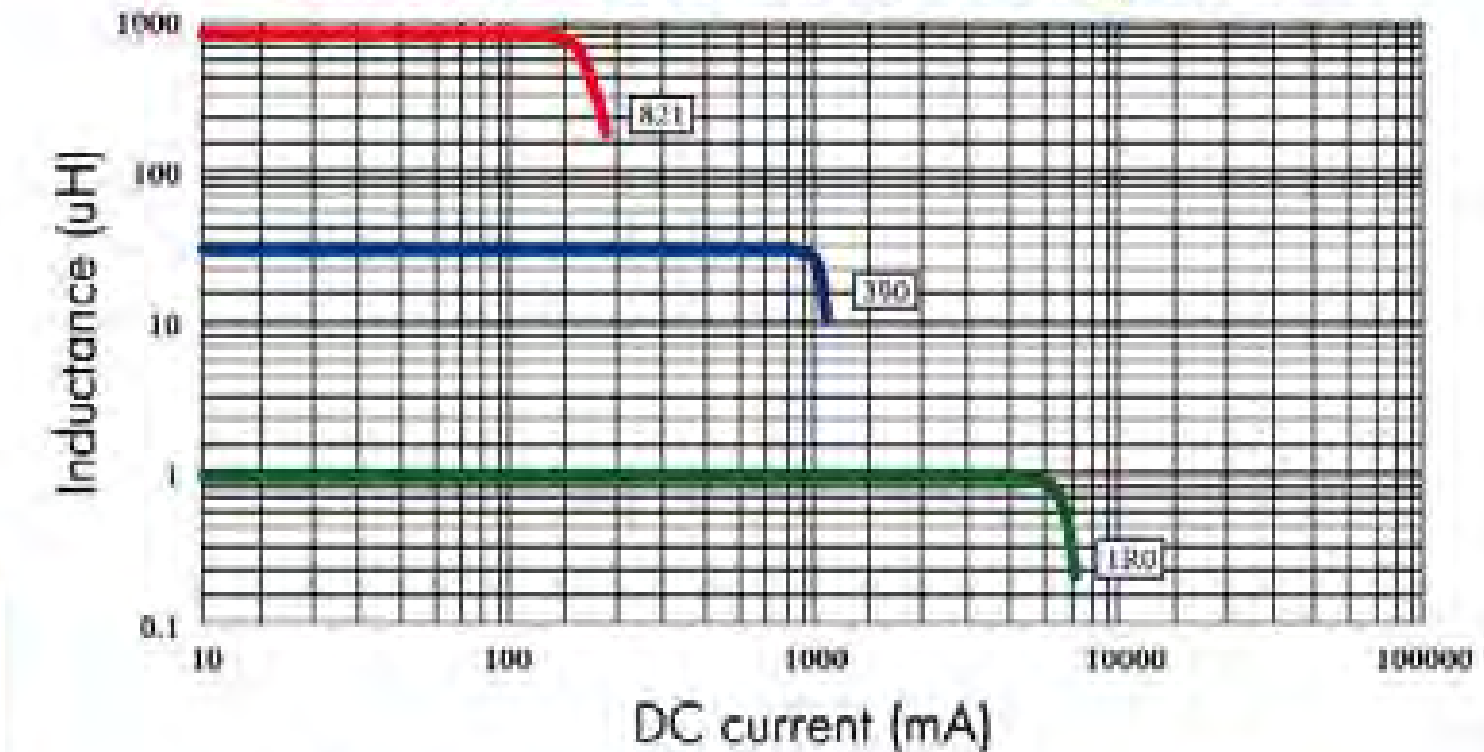
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

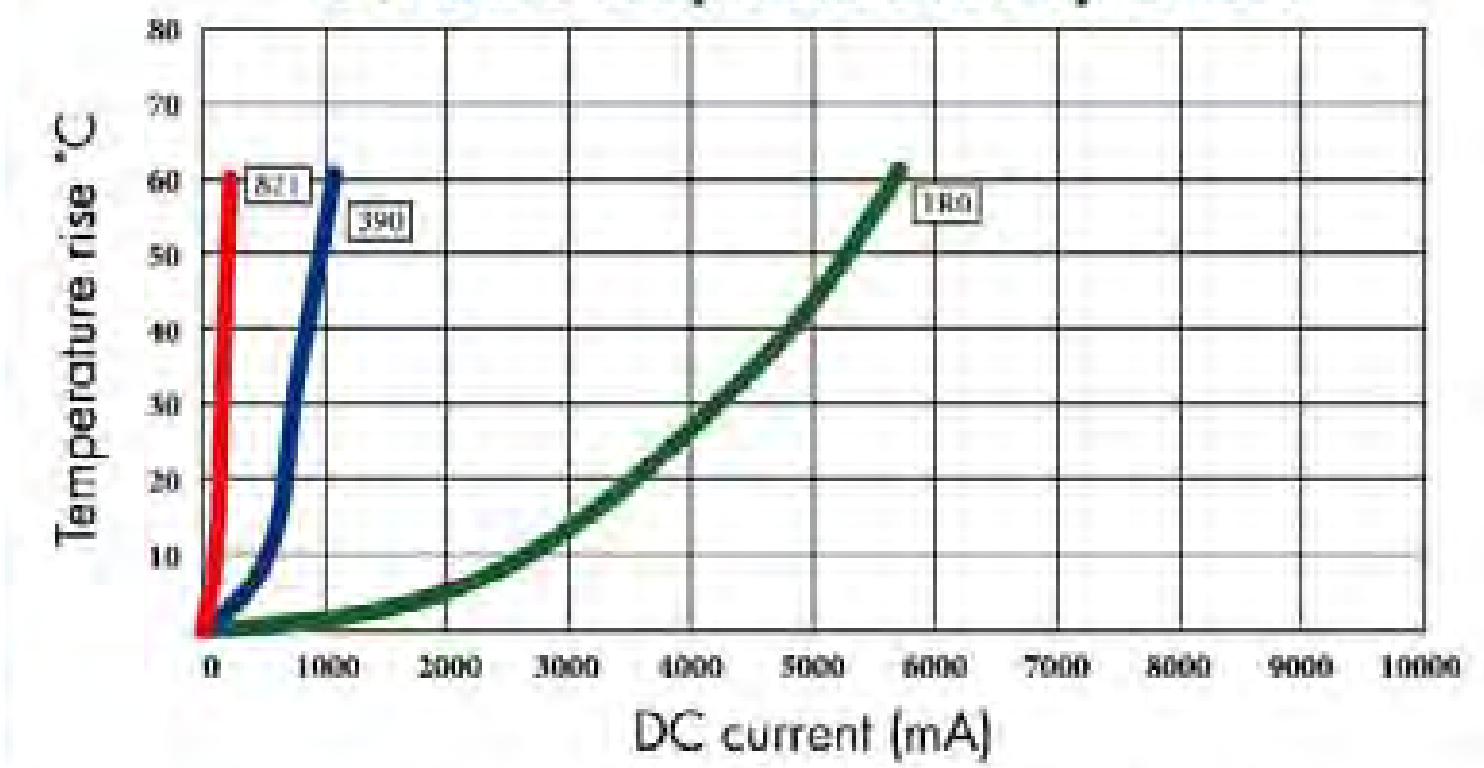
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWI53FU Inductance decrease by current



OWI53FU Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI53FU SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI53FU-1R0	1.0	100KHZ	37m	4.5	4.30
OWI53FU-2R2	2.2	100KHZ	51m	3.4	3.50
OWI53FU-2R7	2.7	100KHZ	57m	3.0	3.00
OWI53FU-3R3	3.3	100KHZ	70m	2.5	2.50
OWI53FU-4R7	4.7	100KHZ	89m	2.3	2.00
OWI53FU-5R6	5.6	100KHZ	91m	2.0	1.86
OWI53FU-6R8	6.8	100KHZ	104m	1.7	1.60
OWI53FU-8R2	8.2	100KHZ	117m	1.5	1.50
OWI53FU-100	10	100KHZ	140m	1.3	1.42
OWI53FU-120	12	100KHZ	169m	1.2	1.36
OWI53FU-150	15	100KHZ	193m	1.1	1.30
OWI53FU-180	18	100KHZ	234m	1.0	1.20
OWI53FU-220	22	100KHZ	267m	0.92	1.08
OWI53FU-270	27	100KHZ	350m	0.90	0.88
OWI53FU-330	33	100KHZ	430m	0.80	0.80
OWI53FU-390	39	100KHZ	500m	0.72	0.74
OWI53FU-470	47	100KHZ	610m	0.65	0.66
OWI53FU-560	56	100KHZ	690m	0.59	0.60
OWI53FU-680	68	100KHZ	850m	0.54	0.54
OWI53FU-820	82	100KHZ	1.00	0.50	0.50
OWI53FU-101	100	100KHZ	1.30	0.45	0.45
OWI53FU-121	120	100KHZ	1.45	0.41	0.41
OWI53FU-151	150	100KHZ	2.04	0.37	0.38
OWI53FU-181	180	100KHZ	2.30	0.33	0.35
OWI53FU-221	220	100KHZ	2.78	0.30	0.31
OWI53FU-271	270	100KHZ	3.30	0.27	0.28
OWI53FU-331	330	100KHZ	4.30	0.25	0.25
OWI53FU-391	390	100KHZ	4.80	0.23	0.23
OWI53FU-471	470	100KHZ	6.90	0.21	0.20
OWI53FU-561	560	100KHZ	7.50	0.19	0.18
OWI53FU-681	680	100KHZ	9.20	0.17	0.17
OWI53FU-821	820	100KHZ	10.4	0.15	0.15

1. Inductance tested at 0.25V. Tolerance of inductance:
1.0uH~8.2uH: ±30%(N) 10uH~820uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWIH3D13 TYPE

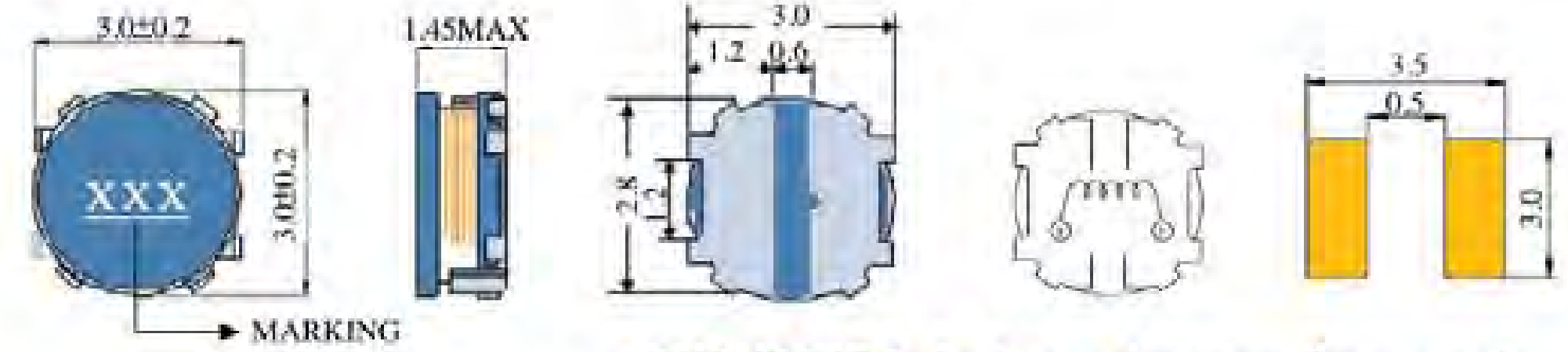


FEATURES

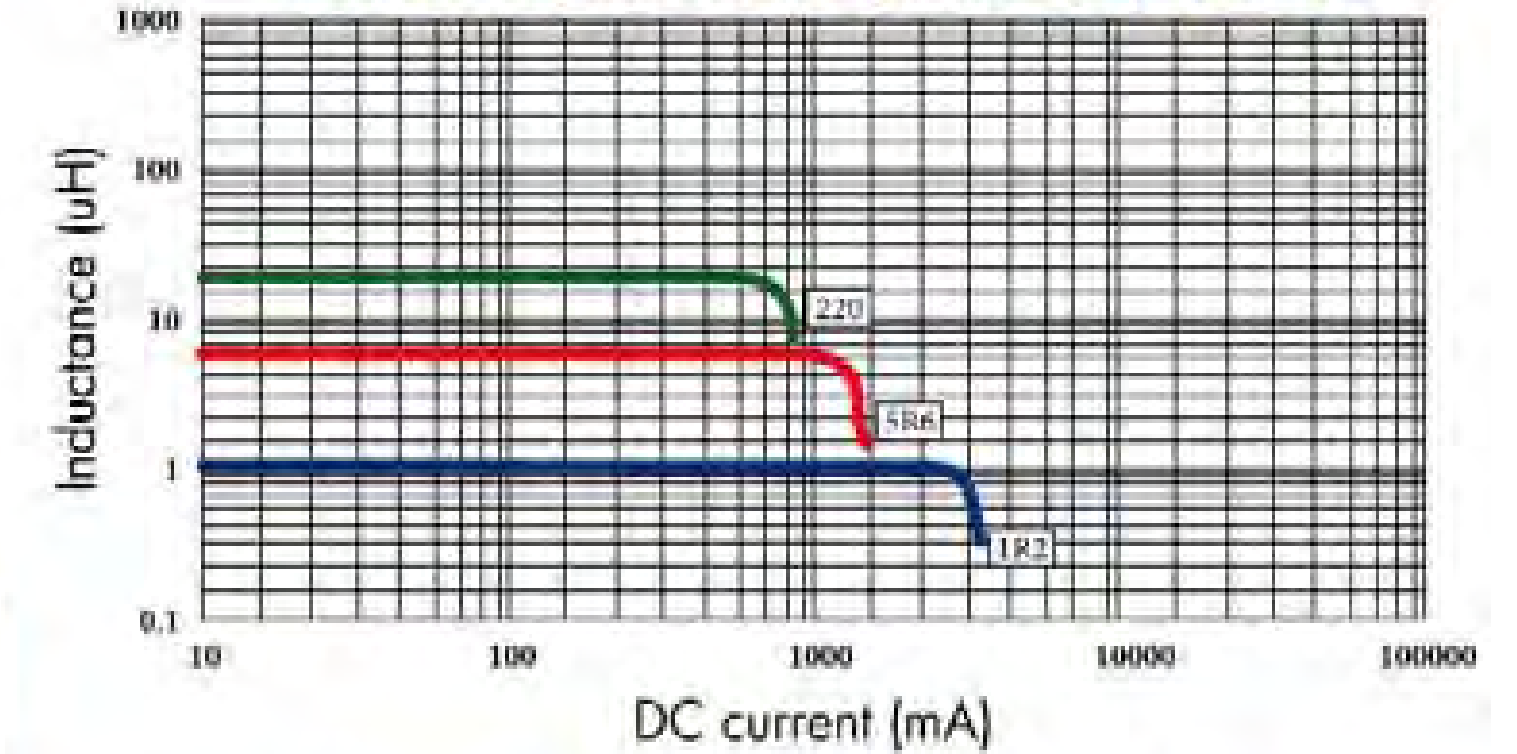
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

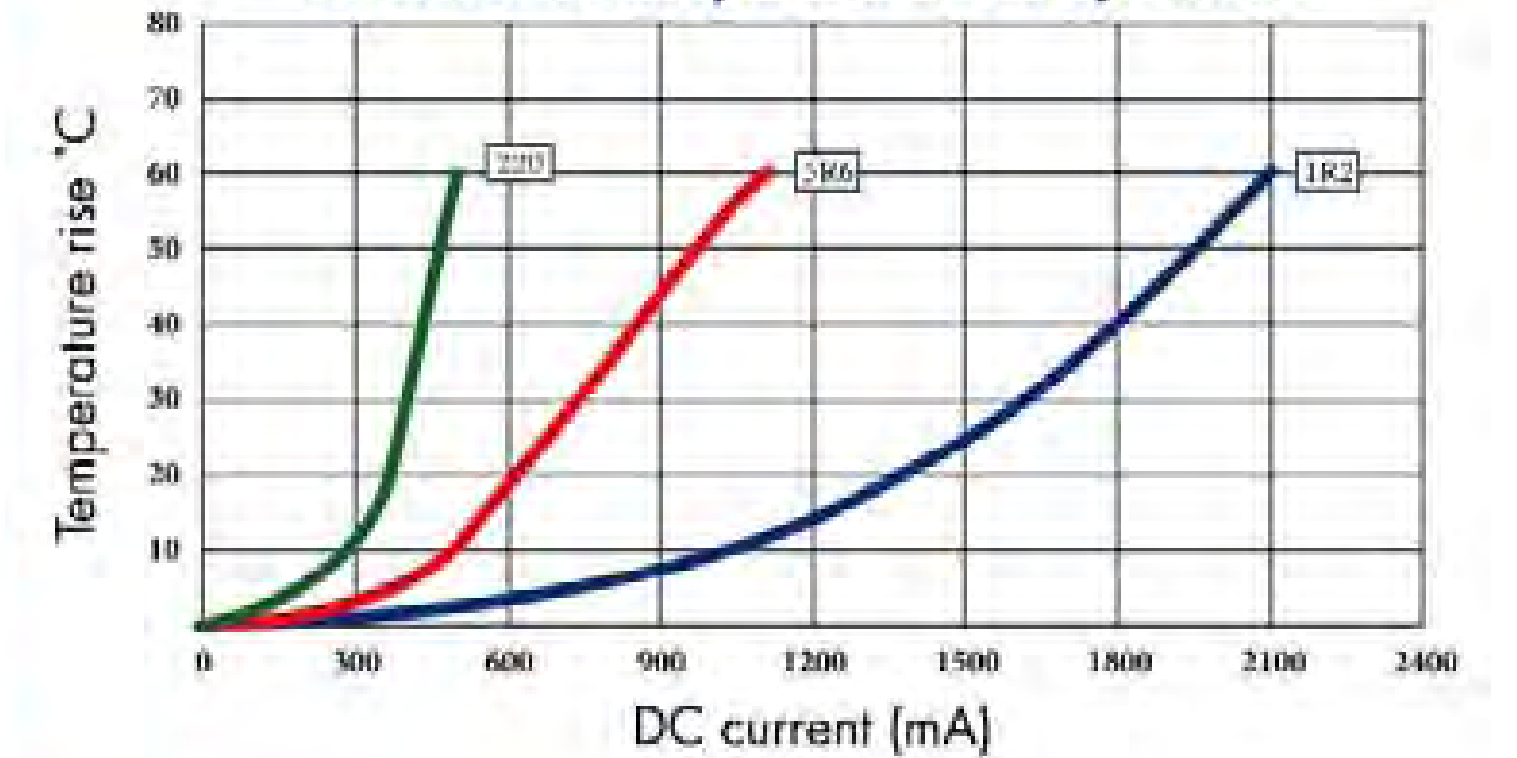
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIH3D13 Inductance decrease by current



OWIH3D13 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIH3D13 SERIES

Part Number	Inductance (µH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIH3D13-1R2	1.2	100KHZ	90.4m	2.30	1.60
OWIH3D13-1R5	1.5	100KHZ	102.5m	2.00	1.45
OWIH3D13-2R2	2.2	100KHZ	128.3m	1.70	1.26
OWIH3D13-3R3	3.3	100KHZ	175m	1.45	1.10
OWIH3D13-4R7	4.7	100KHZ	245m	1.20	0.85
OWIH3D13-5R6	5.6	100KHZ	300m	1.10	0.70
OWIH3D13-6R8	6.8	100KHZ	350m	1.00	0.65
OWIH3D13-100	10	100KHZ	530m	0.85	0.57
OWIH3D13-120	12	100KHZ	670m	0.72	0.50
OWIH3D13-150	15	100KHZ	800m	0.65	0.45
OWIH3D13-220	22	100KHZ	1200m	0.55	0.40

1. Inductance tested at 1V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 20% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as ΔT=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWIH518 TYPE

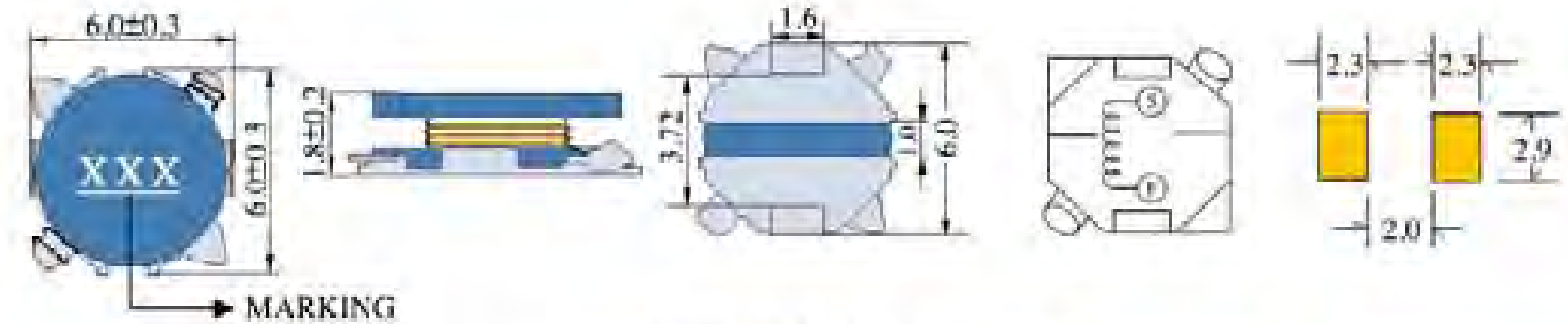


FEATURES

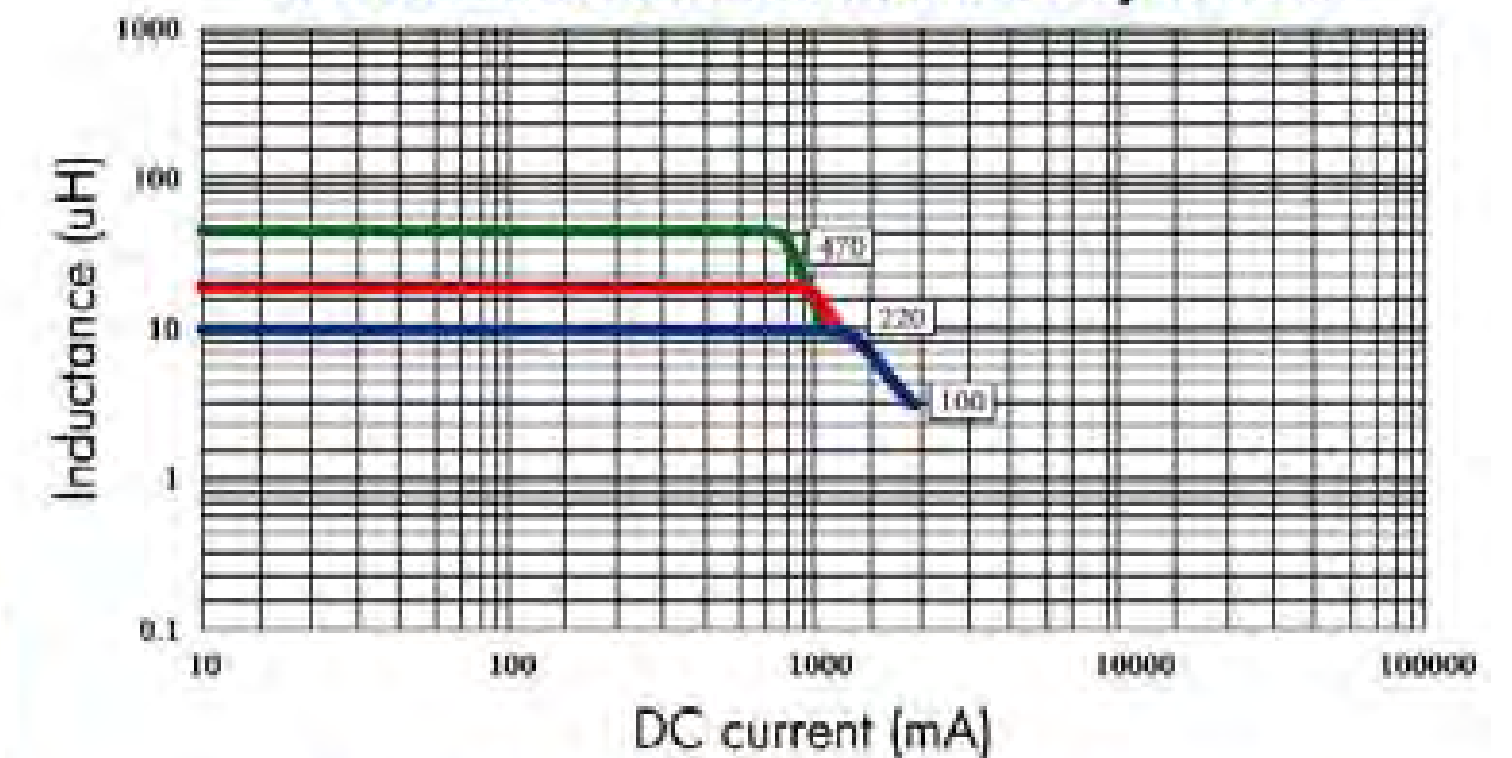
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

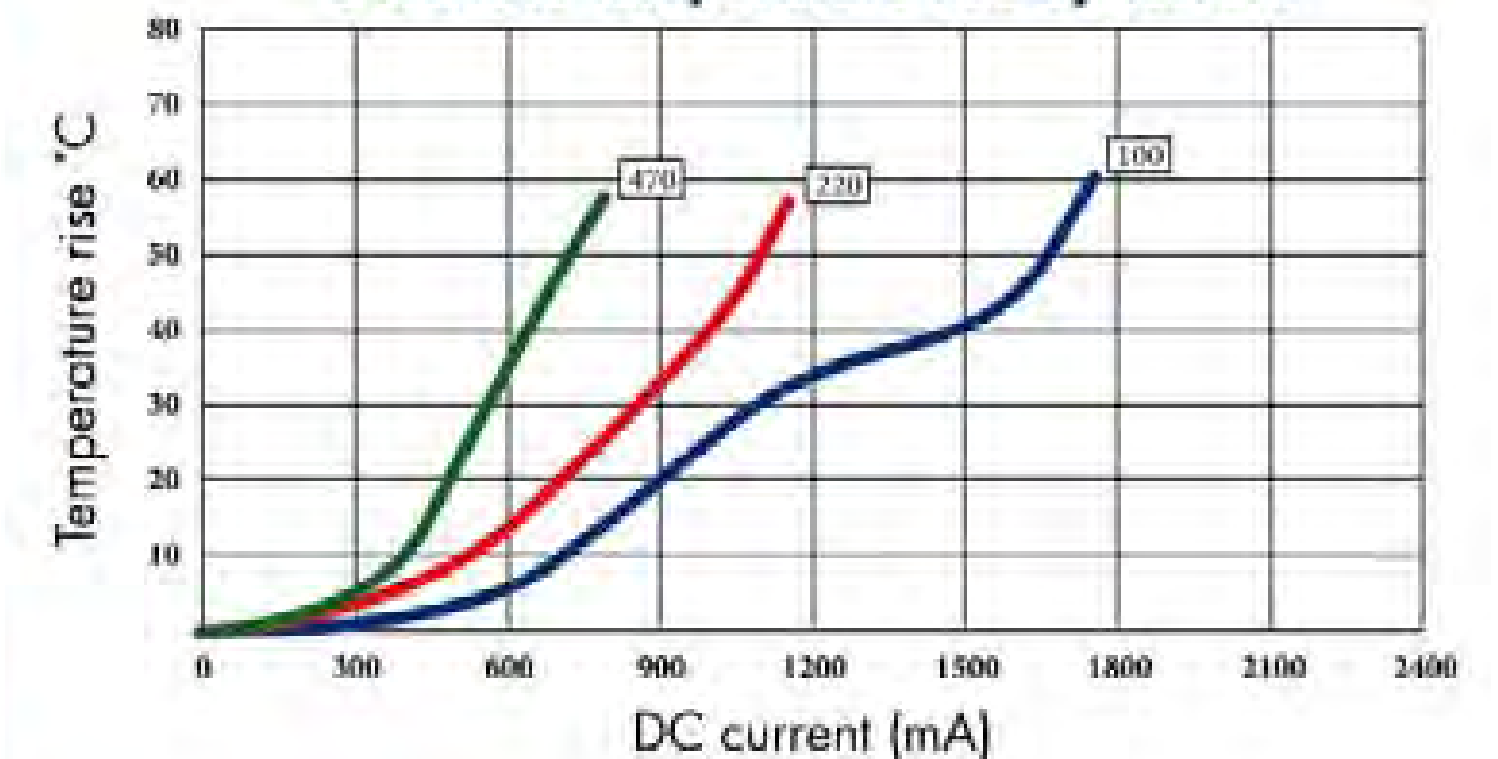
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIH518 Inductance decrease by current



OWIH518 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIH518 SERIES

Part Number	Inductance (µH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIH518-100	10	100KHZ	175m	1.20	1.23
OWIH518-120	12	100KHZ	190m	1.00	1.10
OWIH518-150	15	100KHZ	225m	0.90	1.04
OWIH518-180	18	100KHZ	310m	0.80	0.93
OWIH518-220	22	100KHZ	340m	0.75	0.84
OWIH518-270	27	100KHZ	420m	0.65	0.72
OWIH518-330	33	100KHZ	576m	0.60	0.64
OWIH518-390	39	100KHZ	643m	0.55	0.57
OWIH518-470	47	100KHZ	781m	0.50	0.54

1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWIH53 TYPE

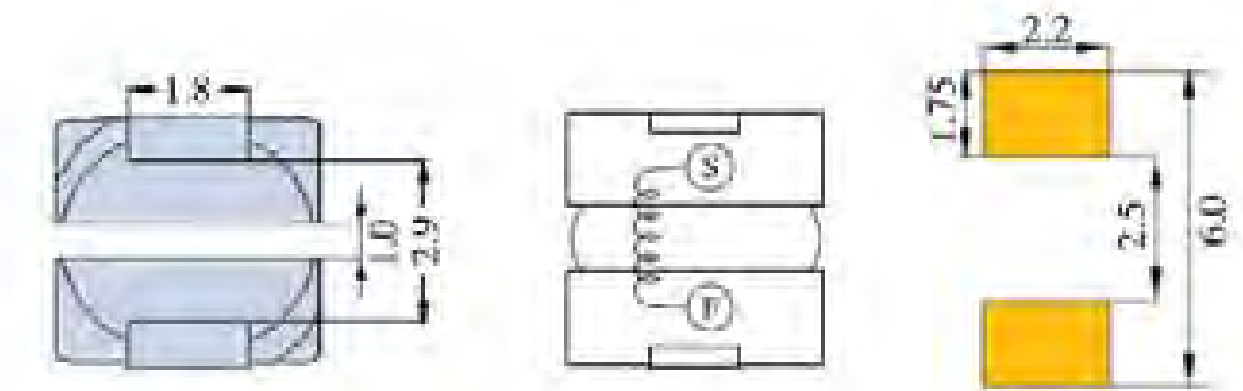
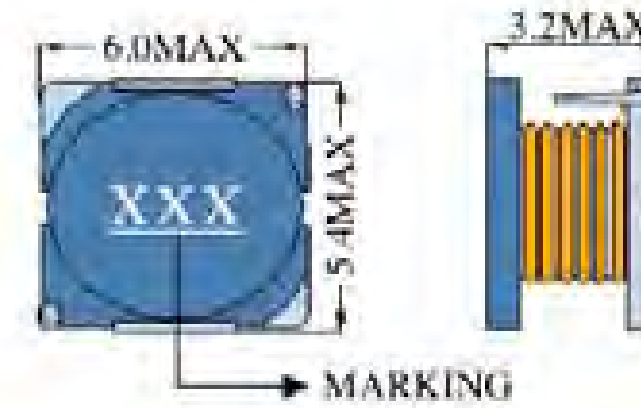


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

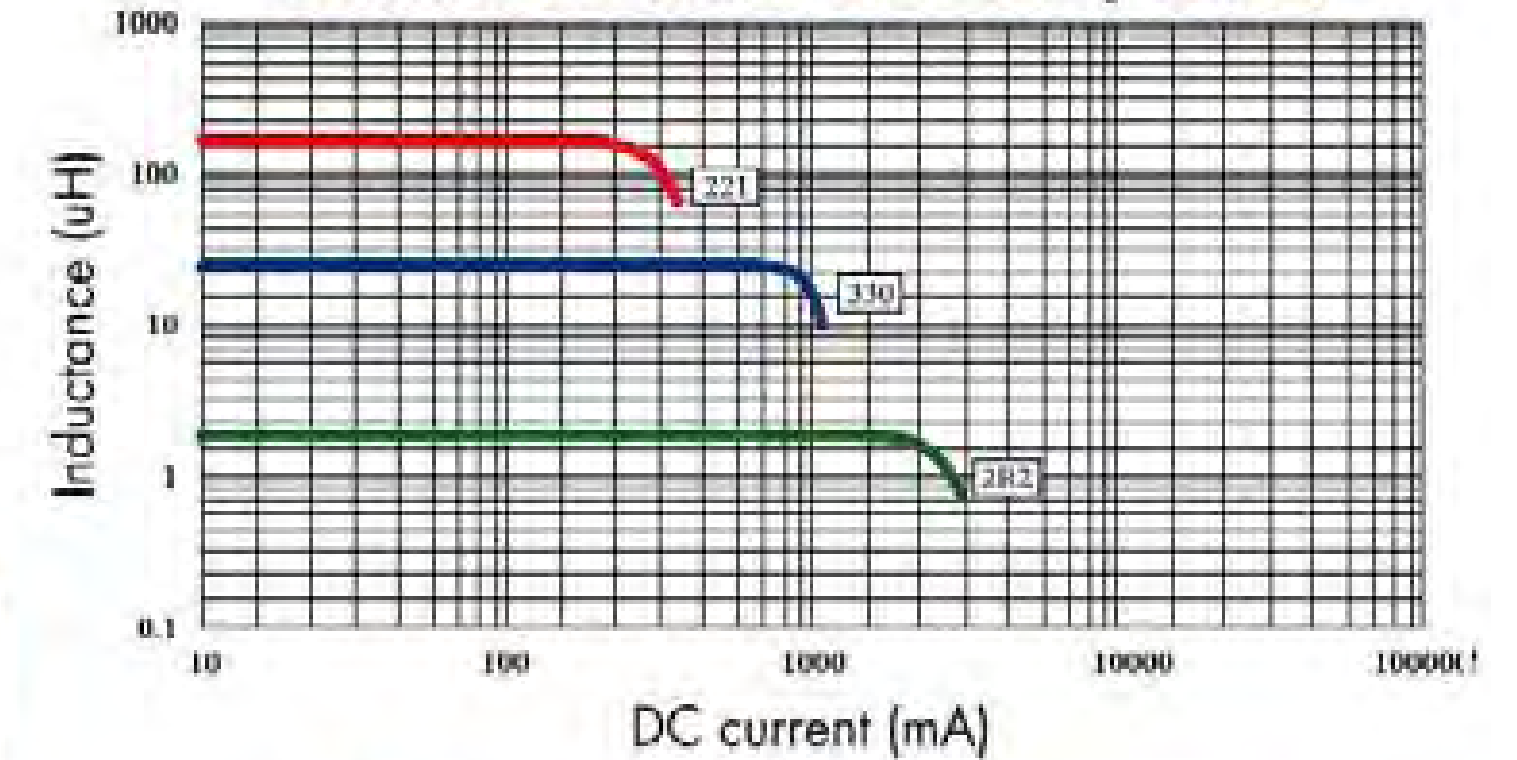
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



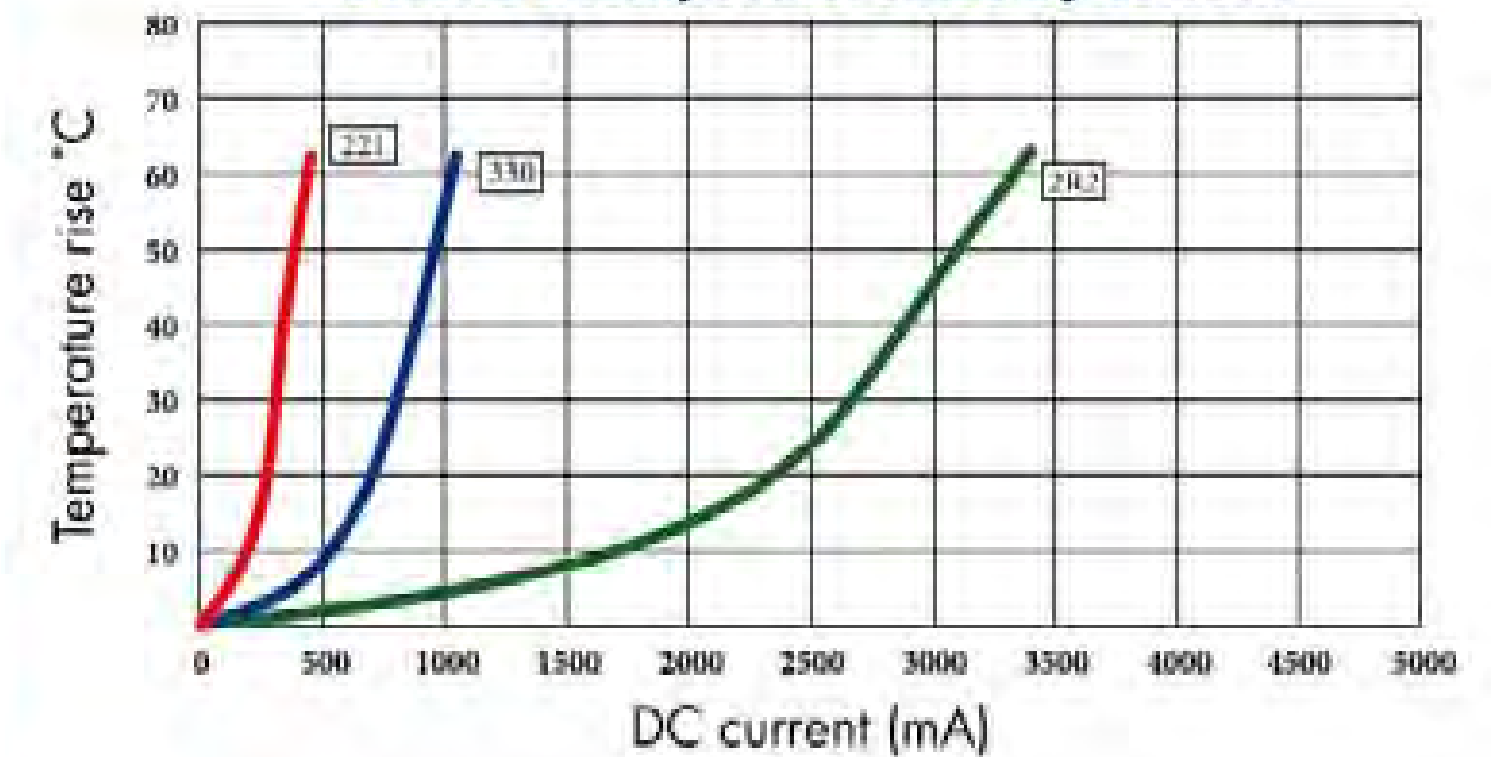
ELECTRICAL CHARACTERISTICS FOR OWIH53 SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIH53-2R2	2.2	7.96KHZ	66m	2.03	2.60
OWIH53-3R3	3.3	7.96KHZ	88m	1.88	2.30
OWIH53-4R7	4.7	7.96KHZ	96m	1.68	2.00
OWIH53-100	10	1KHZ	0.16	1.23	1.50
OWIH53-120	12	1KHZ	0.18	1.12	1.35
OWIH53-150	15	1KHZ	0.25	1.00	1.20
OWIH53-180	18	1KHZ	0.28	0.88	1.10
OWIH53-220	22	1KHZ	0.39	0.80	1.05
OWIH53-270	27	1KHZ	0.42	0.72	0.90
OWIH53-330	33	1KHZ	0.49	0.67	0.80
OWIH53-390	39	1KHZ	0.55	0.64	0.76
OWIH53-470	47	1KHZ	0.77	0.53	0.70
OWIH53-560	56	1KHZ	0.87	0.50	0.58
OWIH53-680	68	1KHZ	1.21	0.45	0.50
OWIH53-820	82	1KHZ	1.34	0.39	0.47
OWIH53-101	100	1KHZ	1.57	0.37	0.43
OWIH53-121	120	1KHZ	1.80	0.34	0.42
OWIH53-151	150	1KHZ	2.40	0.31	0.39
OWIH53-181	180	1KHZ	2.66	0.30	0.33
OWIH53-221	220	1KHZ	3.73	0.26	0.30

OWIH53 Inductance decrease by current



OWIH53 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWIH74 TYPE

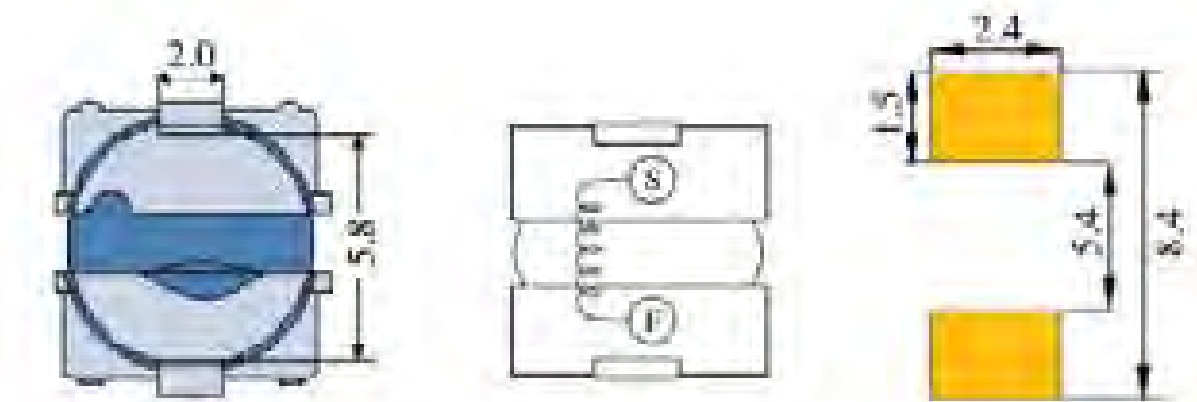
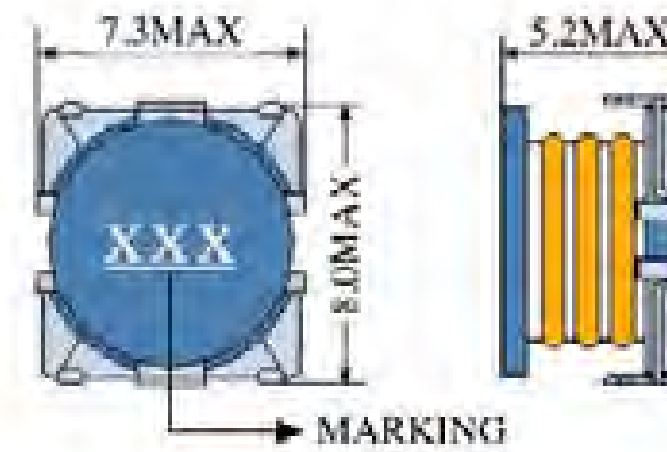


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

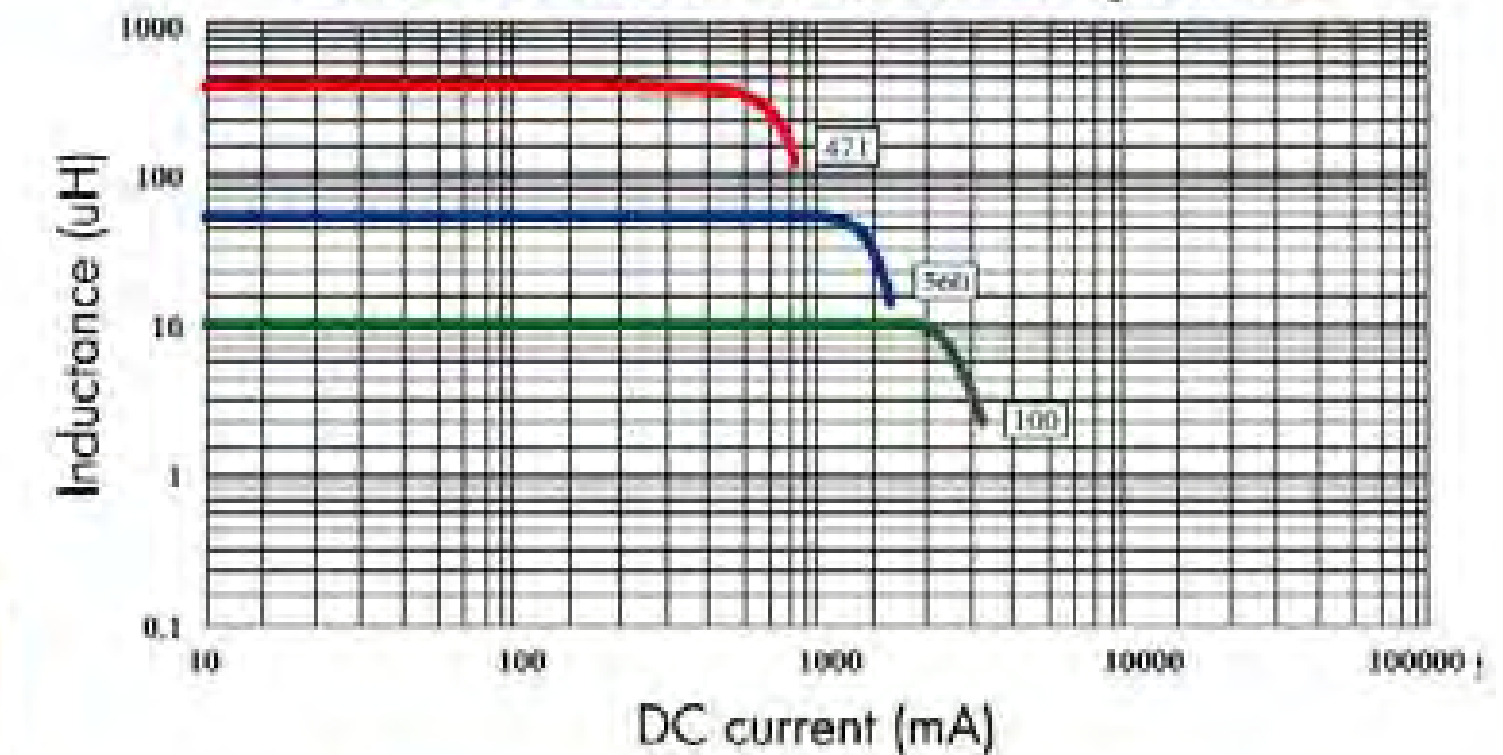
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



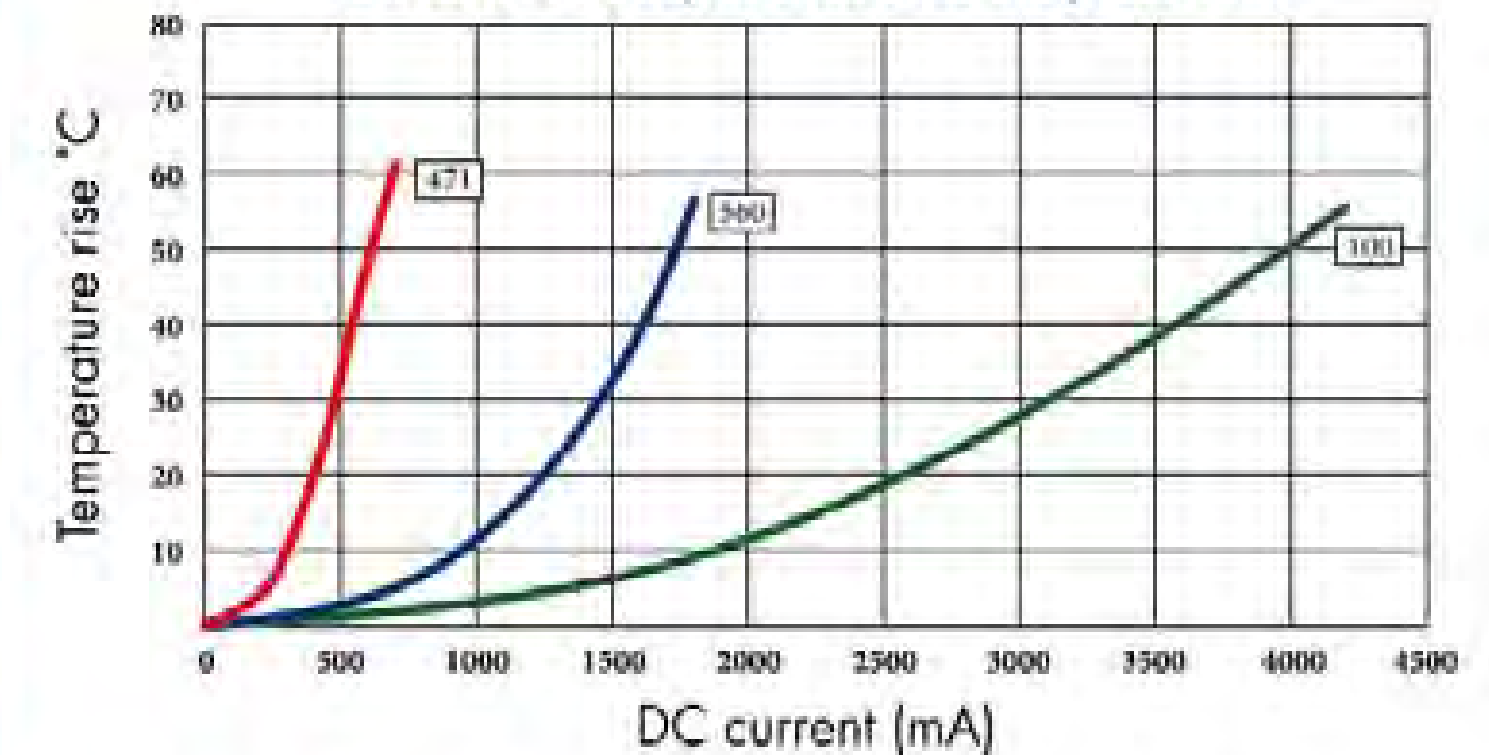
ELECTRICAL CHARACTERISTICS FOR OWIH74 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIH74-100	10	1KHZ	56m	2.75	3.20
OWIH74-120	12	1KHZ	65m	2.45	2.95
OWIH74-150	15	1KHZ	83m	2.10	2.66
OWIH74-180	18	1KHZ	94m	1.95	2.40
OWIH74-220	22	1KHZ	0.13	1.70	2.20
OWIH74-270	27	1KHZ	0.16	1.55	2.00
OWIH74-330	33	1KHZ	0.17	1.45	1.80
OWIH74-390	39	1KHZ	0.21	1.30	1.68
OWIH74-470	47	1KHZ	0.23	1.20	1.55
OWIH74-560	56	1KHZ	0.26	1.15	1.43
OWIH74-680	68	1KHZ	0.35	1.00	1.33
OWIH74-820	82	1KHZ	0.48	0.92	1.23
OWIH74-101	100	1KHZ	0.55	0.81	1.00
OWIH74-121	120	1KHZ	0.62	0.73	0.85
OWIH74-151	150	1KHZ	0.72	0.71	0.76
OWIH74-181	180	1KHZ	0.82	0.66	0.66
OWIH74-221	220	1KHZ	1.08	0.55	0.56
OWIH74-271	270	1KHZ	1.38	0.48	0.50
OWIH74-331	330	1KHZ	1.55	0.40	0.47
OWIH74-391	390	1KHZ	2.09	0.38	0.46
OWIH74-471	470	1KHZ	2.39	0.33	0.44

OWIH74 Inductance decrease by current



OWIH74 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: 10uH~22uH: ±15%(L) 27uH~470uH: ±10%(K)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWIH114 TYPE



FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

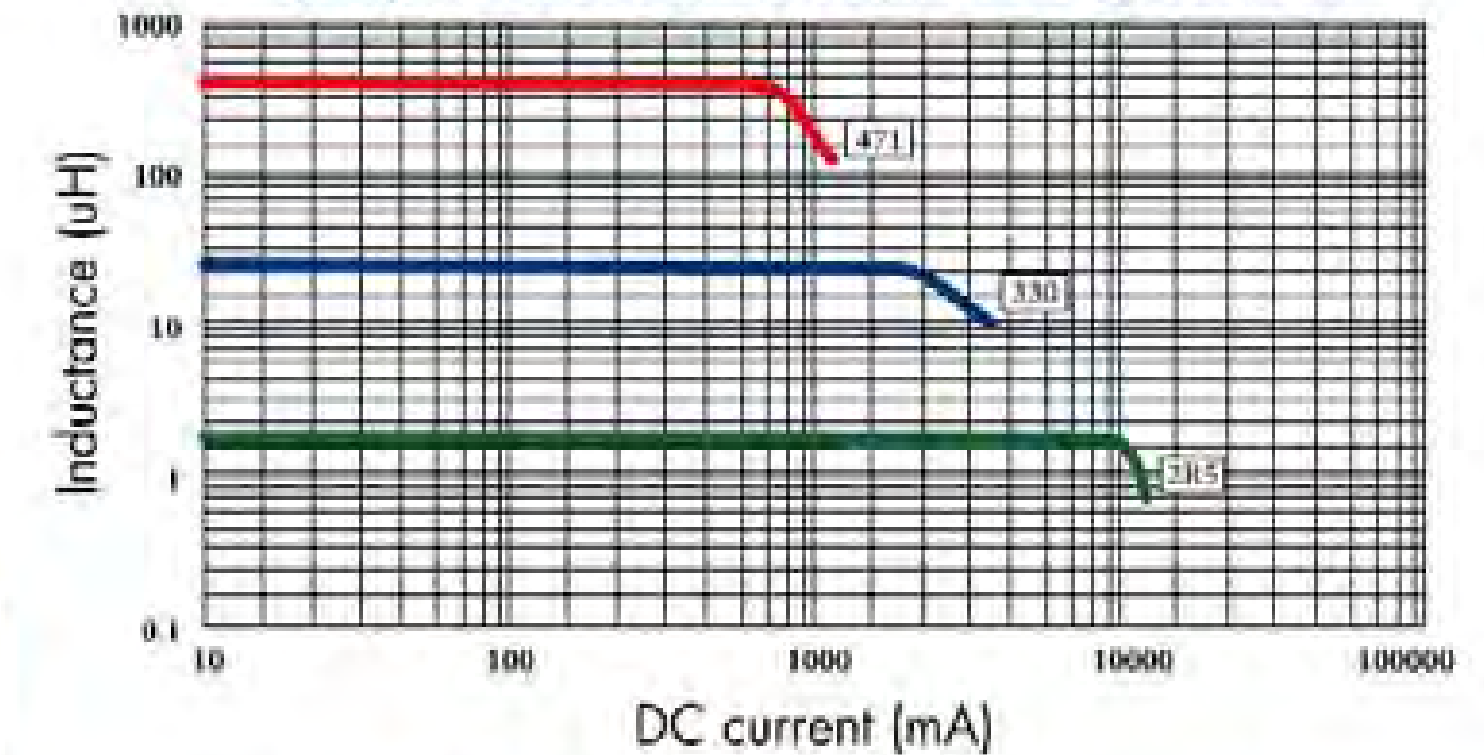
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



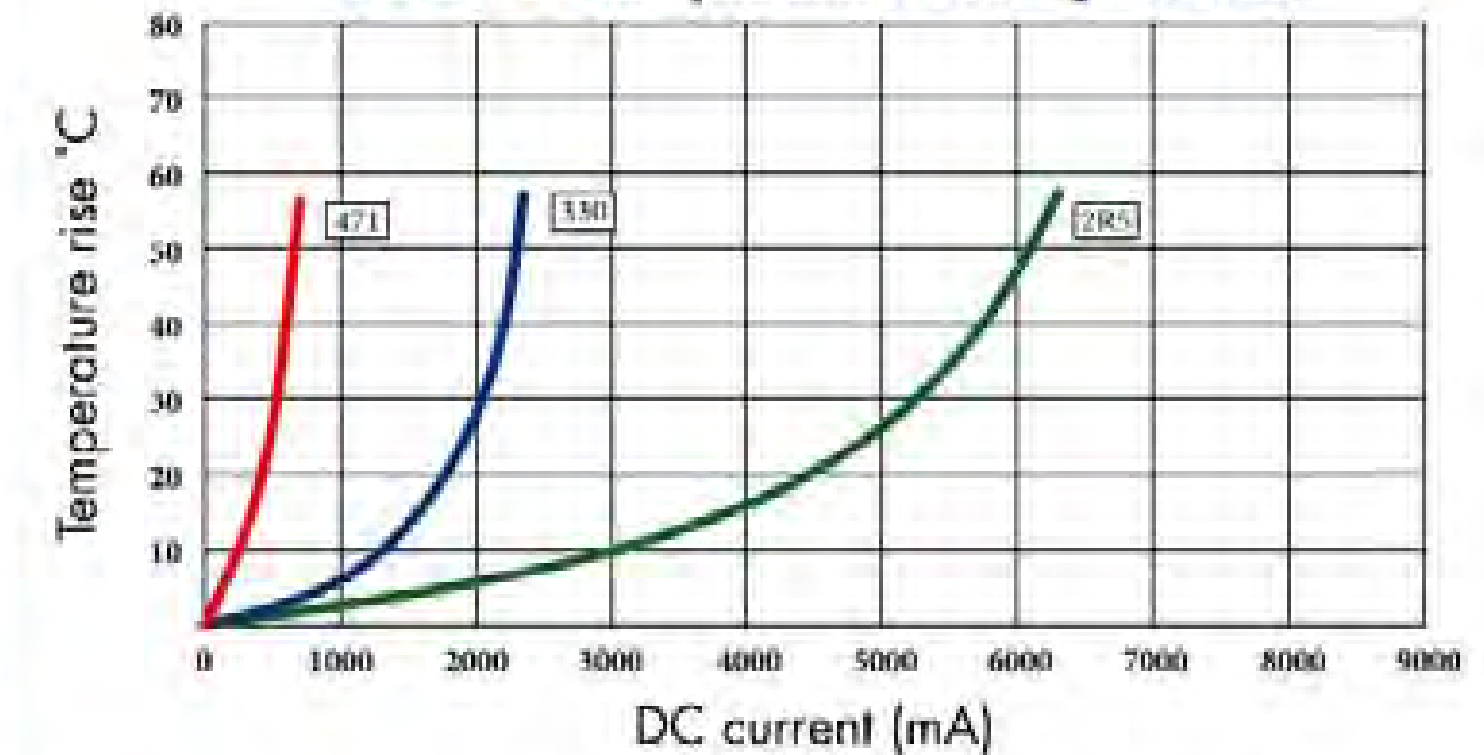
ELECTRICAL CHARACTERISTICS FOR OWIH114 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIH114-2R5	2.5	100KHZ	30m	6.50	5.10
OWIH114-3R9	3.9	100KHZ	37m	5.50	4.70
OWIH114-4R7	4.7	100KHZ	44m	5.10	4.50
OWIH114-5R6	5.6	100KHZ	48m	4.80	4.10
OWIH114-6R8	6.8	100KHZ	54m	4.50	3.70
OWIH114-8R6	8.6	100KHZ	60m	4.20	3.40
OWIH114-100	10	100KHZ	66m	4.00	3.10
OWIH114-120	12	100KHZ	68m	3.80	2.90
OWIH114-150	15	100KHZ	74m	3.50	2.75
OWIH114-180	18	100KHZ	85m	3.40	2.55
OWIH114-220	22	100KHZ	100m	3.00	2.37
OWIH114-270	27	100KHZ	114m	2.70	2.18
OWIH114-330	33	100KHZ	122m	2.50	2.05
OWIH114-390	39	100KHZ	139m	2.30	1.95
OWIH114-470	47	100KHZ	175m	2.00	1.80
OWIH114-560	56	100KHZ	194m	1.90	1.70
OWIH114-680	68	100KHZ	241m	1.70	1.58
OWIH114-820	82	100KHZ	289m	1.45	1.40
OWIH114-101	100	100KHZ	352m	1.32	1.20
OWIH114-121	120	100KHZ	397m	1.23	1.08
OWIH114-151	150	100KHZ	492m	1.10	0.96
OWIH114-181	180	100KHZ	589m	1.00	0.90
OWIH114-221	220	100KHZ	747m	0.90	0.80
OWIH114-271	270	100KHZ	927m	0.72	0.68
OWIH114-331	330	100KHZ	1.22	0.70	0.56
OWIH114-391	390	100KHZ	1.30	0.62	0.52
OWIH114-471	470	100KHZ	1.56	0.60	0.50

OWIH114 Inductance decrease by current



OWIH114 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
2.5uH~8.6uH: ±30%(N) 10uH~56uH: ±20%(M)
668uH~470uH: ±10%(K)
2. DCR test temp. limits 25°C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp. change as Δt=40°C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI10F TYPE

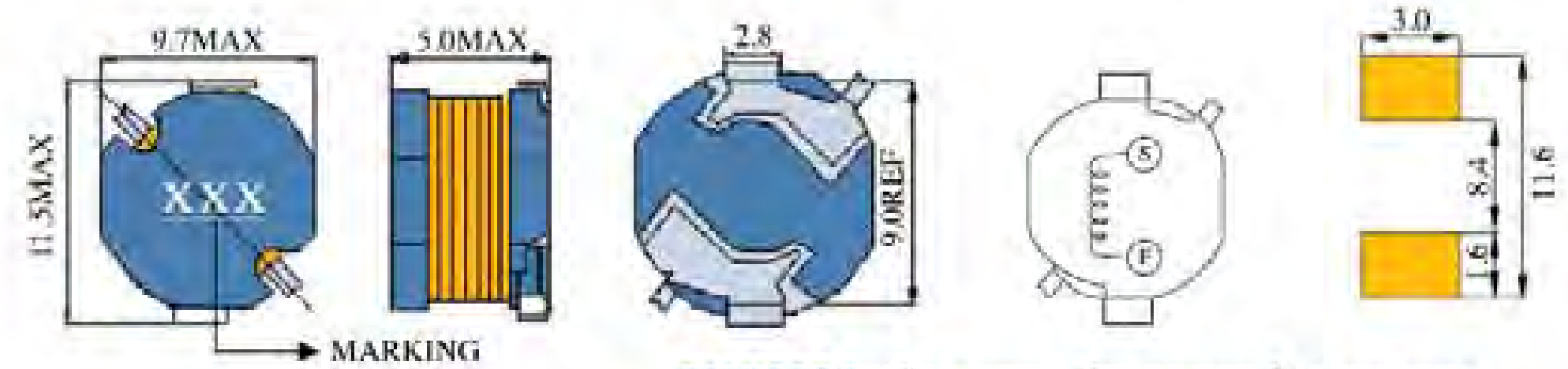


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

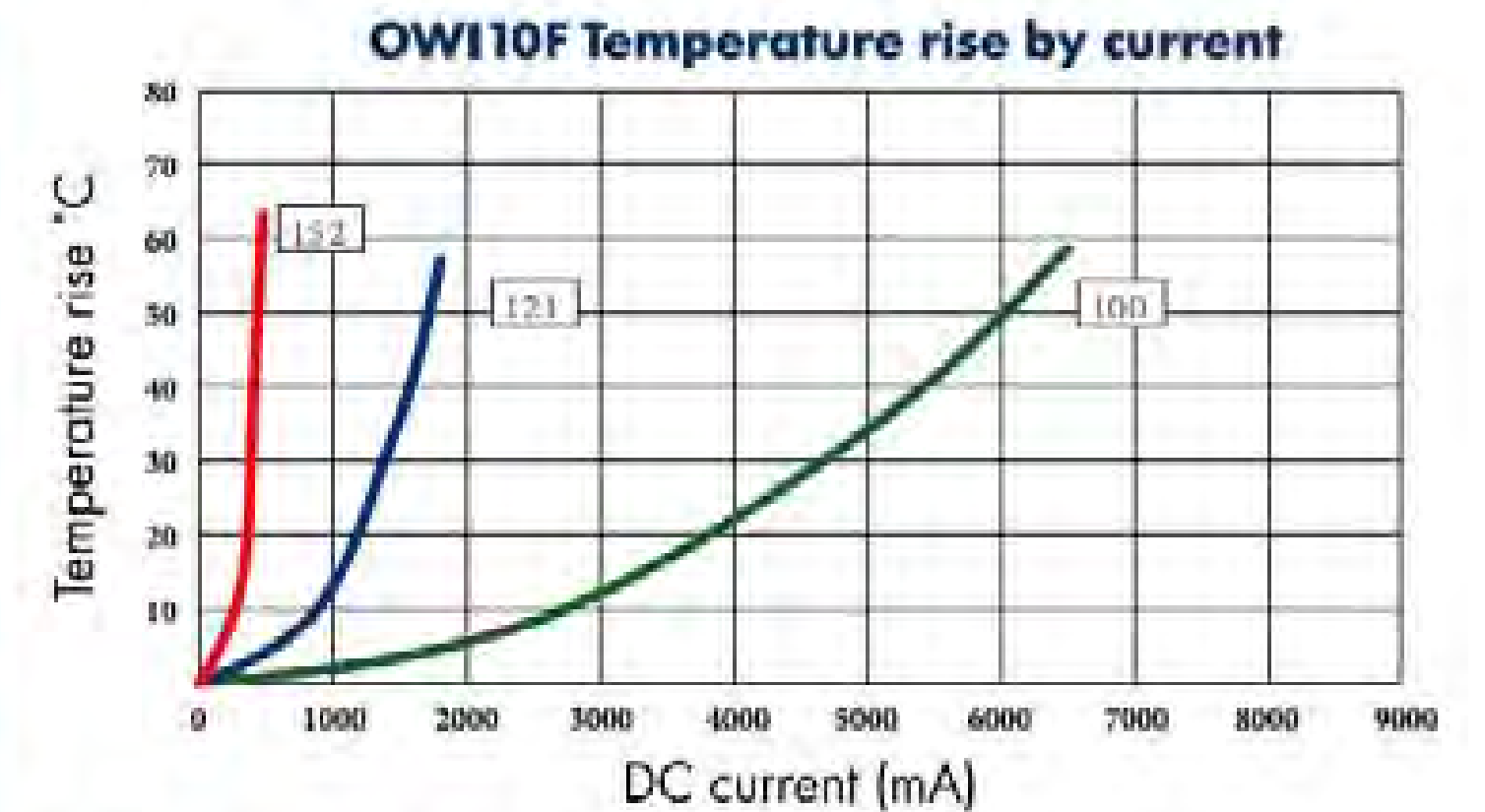
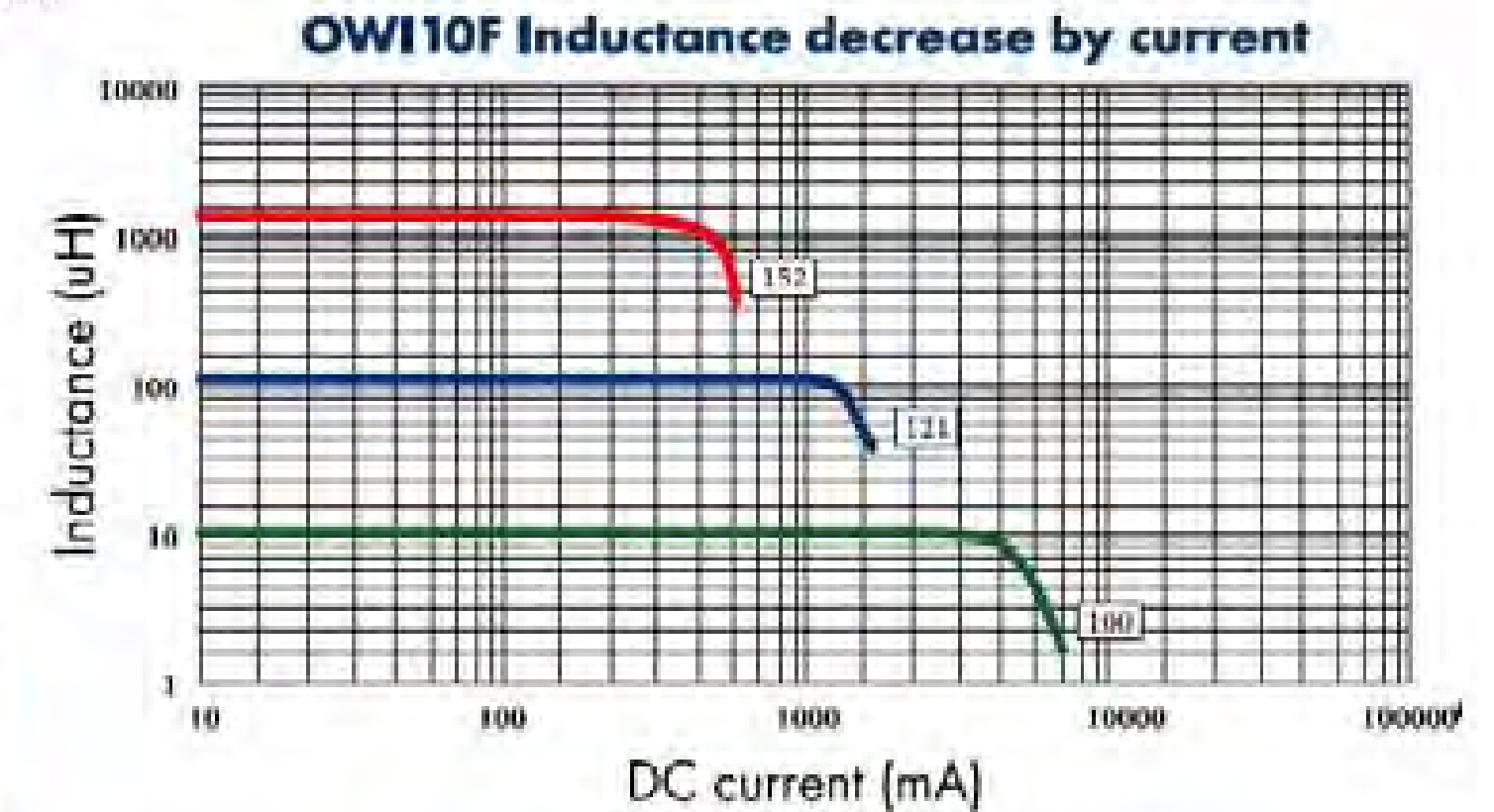
APPLICATIONS

1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



ELECTRICAL CHARACTERISTICS FOR OWI10F SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI10F-100	10	100KHZ	47m	2.60	4.50
OWI10F-120	12	100KHZ	50m	2.48	4.20
OWI10F-150	15	100KHZ	58m	2.27	3.80
OWI10F-180	18	100KHZ	67m	2.15	3.40
OWI10F-220	22	100KHZ	75m	2.00	3.00
OWI10F-270	27	100KHZ	87m	1.84	2.60
OWI10F-330	33	100KHZ	95m	1.72	2.40
OWI10F-390	39	100KHZ	0.12	1.58	2.20
OWI10F-470	47	100KHZ	0.15	1.44	2.00
OWI10F-560	56	100KHZ	0.18	1.28	1.88
OWI10F-680	68	100KHZ	0.20	1.20	1.80
OWI10F-820	82	100KHZ	0.23	1.09	1.68
OWI10F-101	100	100KHZ	0.27	1.05	1.60
OWI10F-121	120	100KHZ	0.33	0.92	1.40
OWI10F-151	150	100KHZ	0.40	0.80	1.20
OWI10F-181	180	100KHZ	0.53	0.73	1.02
OWI10F-221	220	100KHZ	0.60	0.69	0.92
OWI10F-271	270	100KHZ	0.84	0.60	0.84
OWI10F-331	330	100KHZ	1.00	0.53	0.78
OWI10F-391	390	100KHZ	1.09	0.49	0.72
OWI10F-471	470	100KHZ	1.25	0.46	0.64
OWI10F-561	560	100KHZ	1.63	0.41	0.58
OWI10F-681	680	100KHZ	1.90	0.38	0.54
OWI10F-821	820	100KHZ	2.44	0.34	0.50
OWI10F-102	1000	100KHZ	2.80	0.31	0.44
OWI10F-122	1200	100KHZ	3.67	0.27	0.40
OWI10F-152	1500	100KHZ	4.37	0.25	0.36



1. Inductance tested at 0.25V. Tolerance of inductance:
10uH~82uH: ±20%(M) 100uH~1500uH: ±10%(K)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWIMD4D08 TYPE

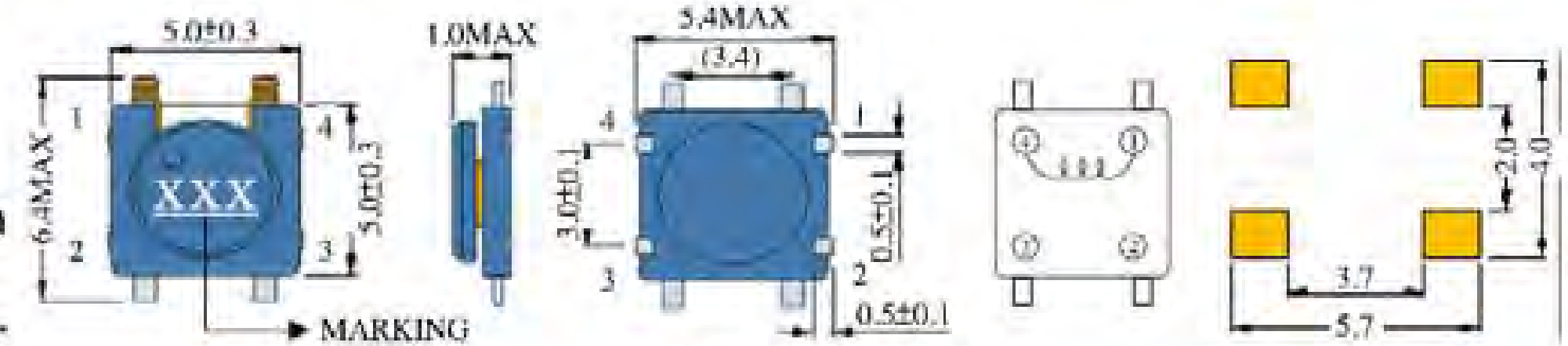


FEATURES

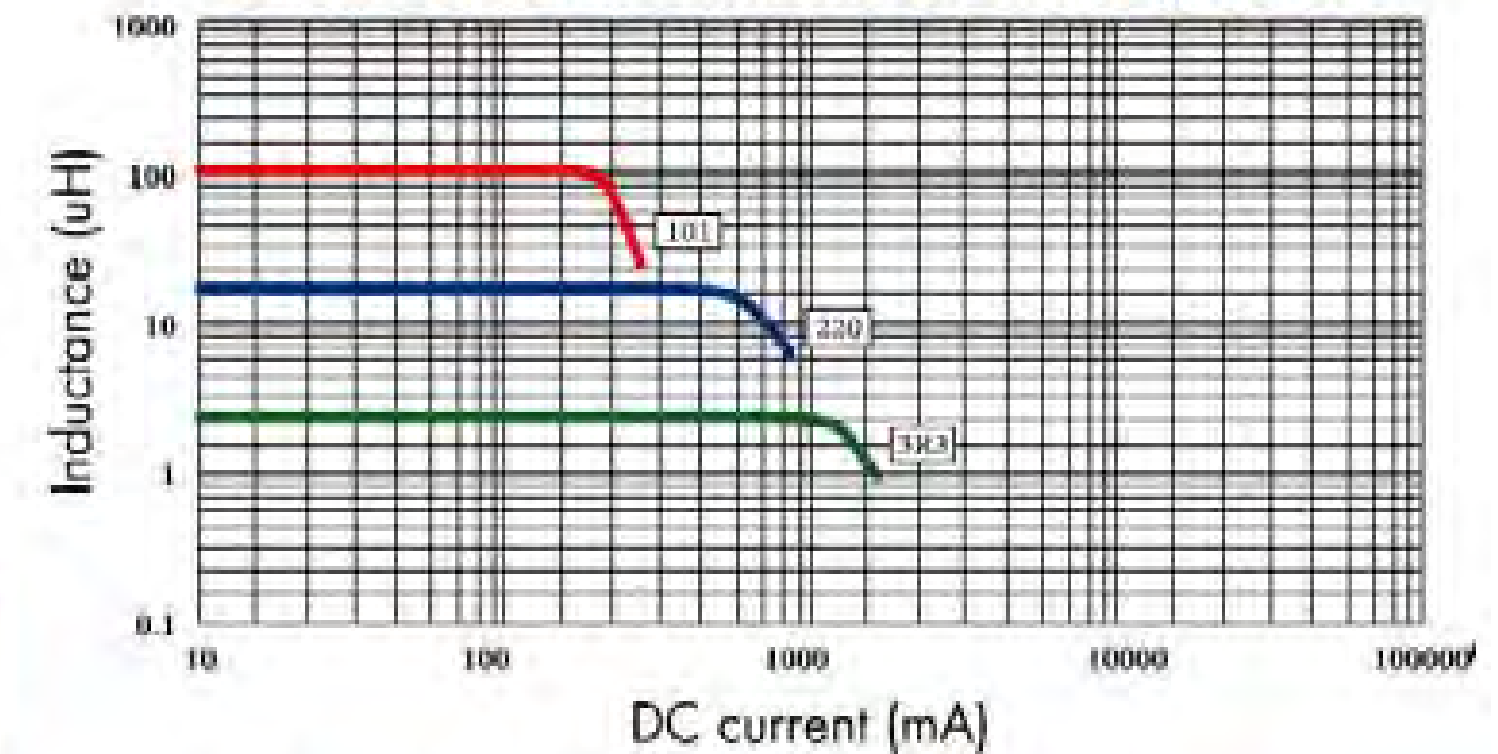
1. LOW Profile (1.0mm max. height) and 6.4mm square.
2. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

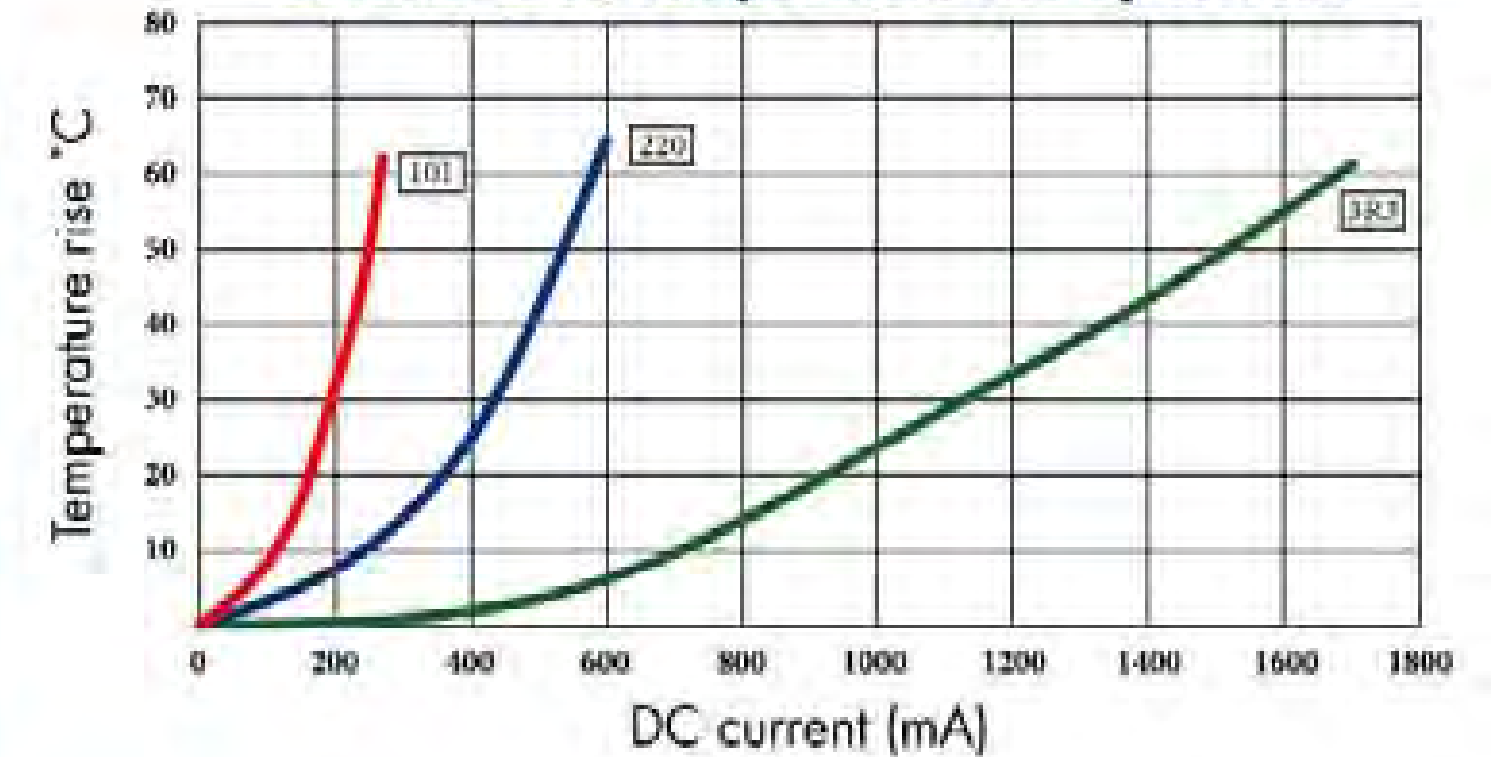
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIMD4D08 Inductance decrease by current



OWIMD4D08 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIMD4D08 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIMD4D08-3R3	3.3	100KHZ	0.19	1.12	1.10
OWIMD4D08-4R7	4.7	100KHZ	0.27	0.90	0.96
OWIMD4D08-6R8	6.8	100KHZ	0.40	0.76	0.76
OWIMD4D08-100	10	100KHZ	0.60	0.62	0.62
OWIMD4D08-150	15	100KHZ	1.00	0.45	0.45
OWIMD4D08-220	22	100KHZ	1.20	0.40	0.43
OWIMD4D08-270	27	100KHZ	1.72	0.36	0.36
OWIMD4D08-330	33	100KHZ	2.00	0.34	0.32
OWIMD4D08-470	47	100KHZ	2.60	0.28	0.28
OWIMD4D08-101	100	100KHZ	5.60	0.16	0.19

1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWIMD4D10 TYPE

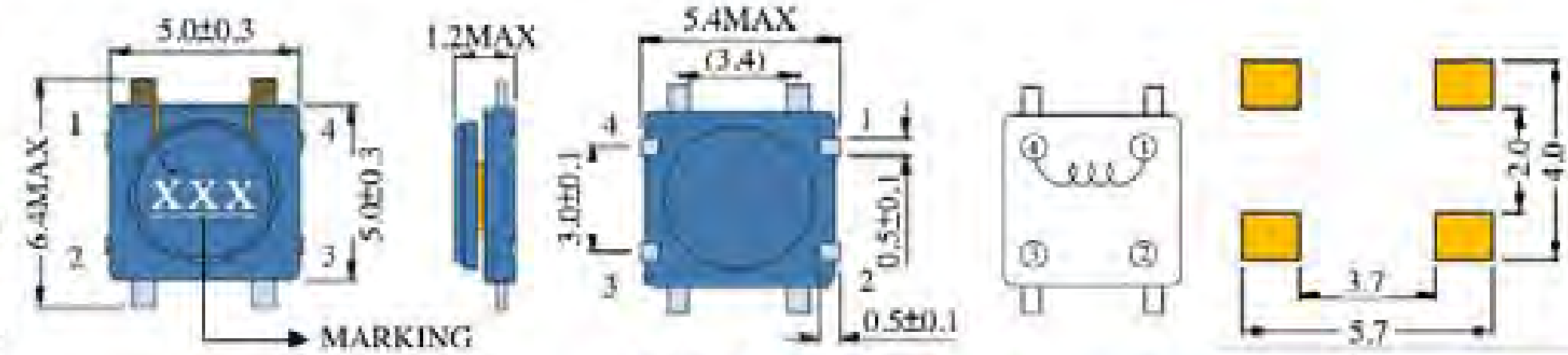


FEATURES

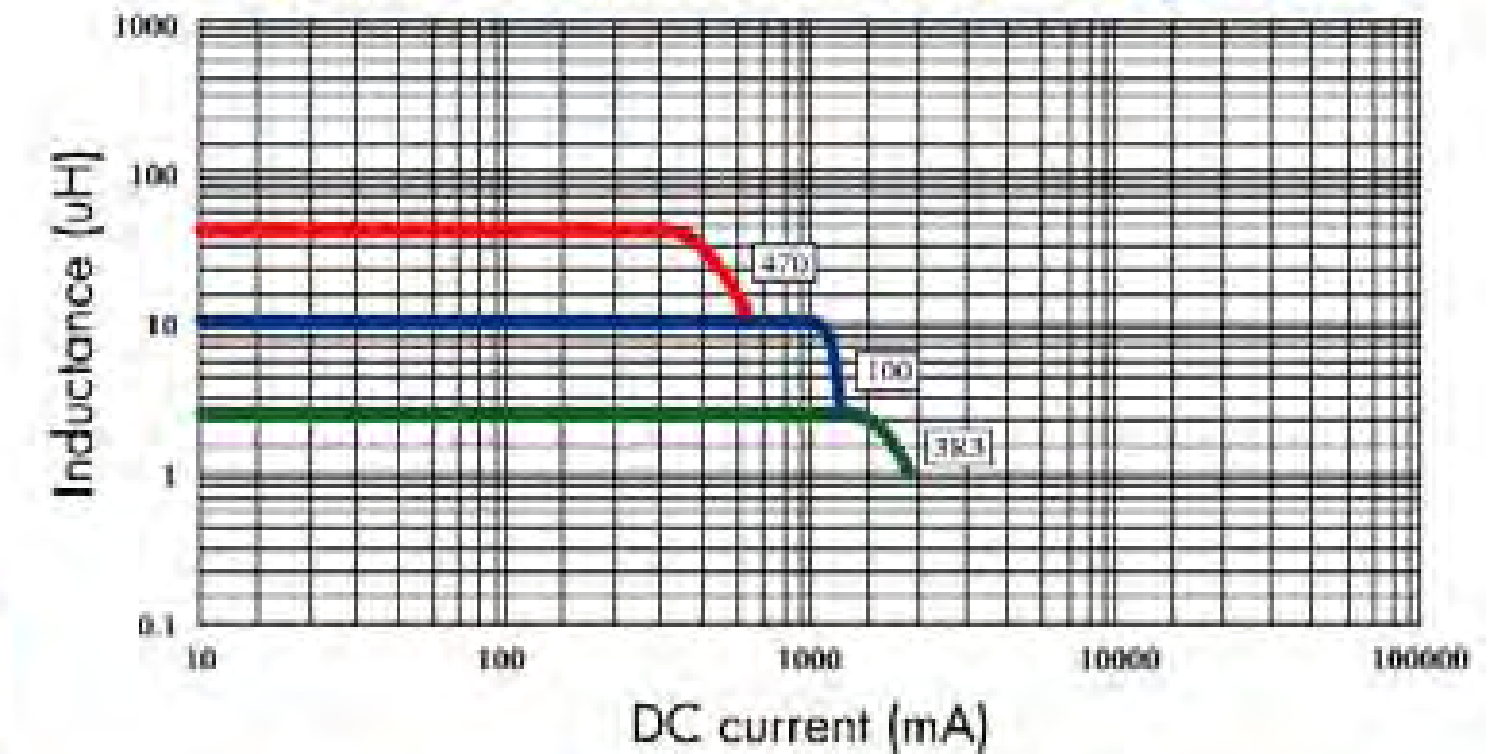
1. LOW Profile (1.2mm max. height) and 6.4mm square.
2. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

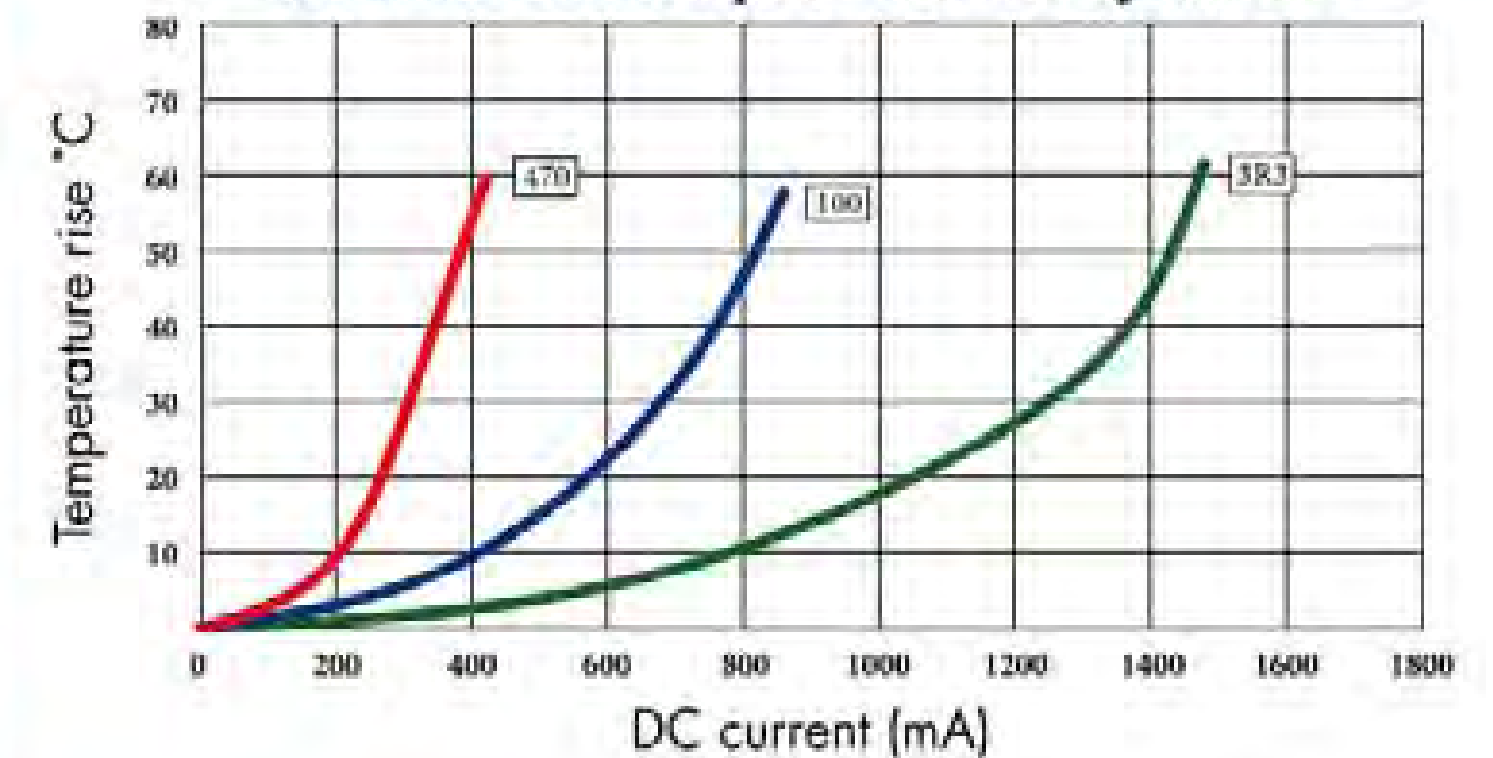
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIMD4D10 Inductance decrease by current



OWIMD4D10 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIMD4D10 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIMD4D10-3R3	3.3	100KHZ	0.20	1.37	1.16
OWIMD4D10-4R7	4.7	100KHZ	0.28	1.12	0.96
OWIMD4D10-6R8	6.8	100KHZ	0.38	1.10	0.80
OWIMD4D10-100	10	100KHZ	0.60	0.82	0.64
OWIMD4D10-150	15	100KHZ	0.90	0.67	0.50
OWIMD4D10-220	22	100KHZ	1.30	0.55	0.42
OWIMD4D10-330	33	100KHZ	1.75	0.45	0.36
OWIMD4D10-470	47	100KHZ	2.80	0.40	0.30

1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp. change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWIMD4D12 TYPE

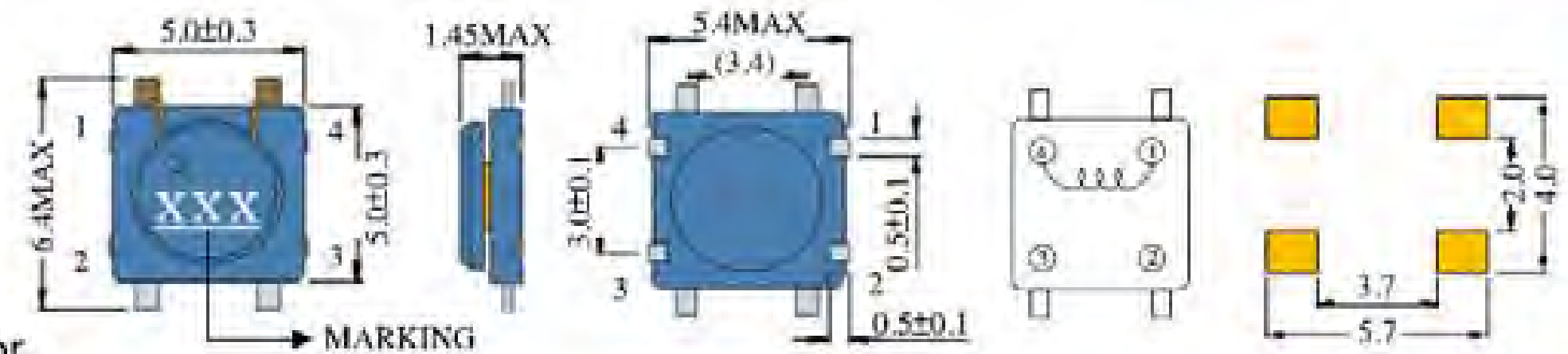


FEATURES

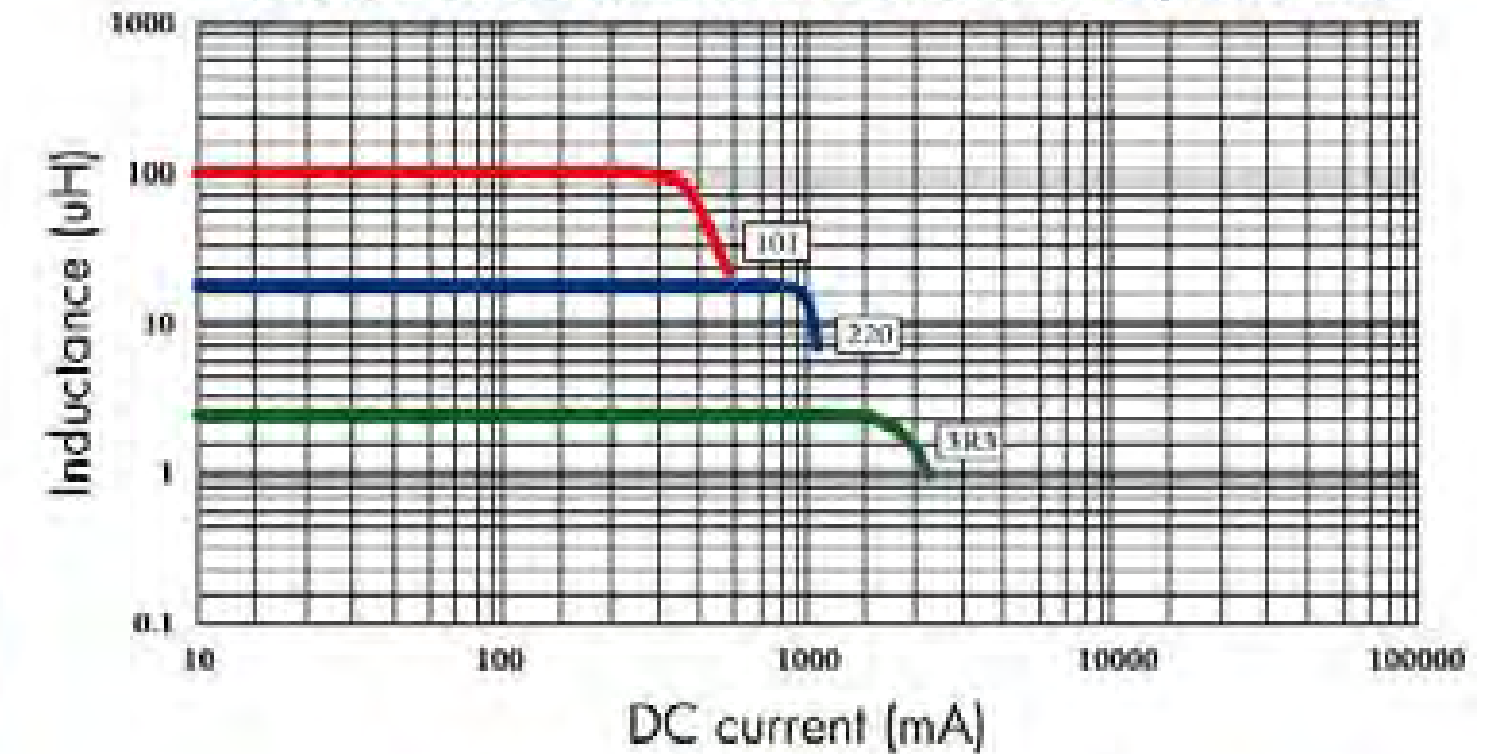
1. LOW Profile (1.45mm max. height) and 6.3mm square.
2. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

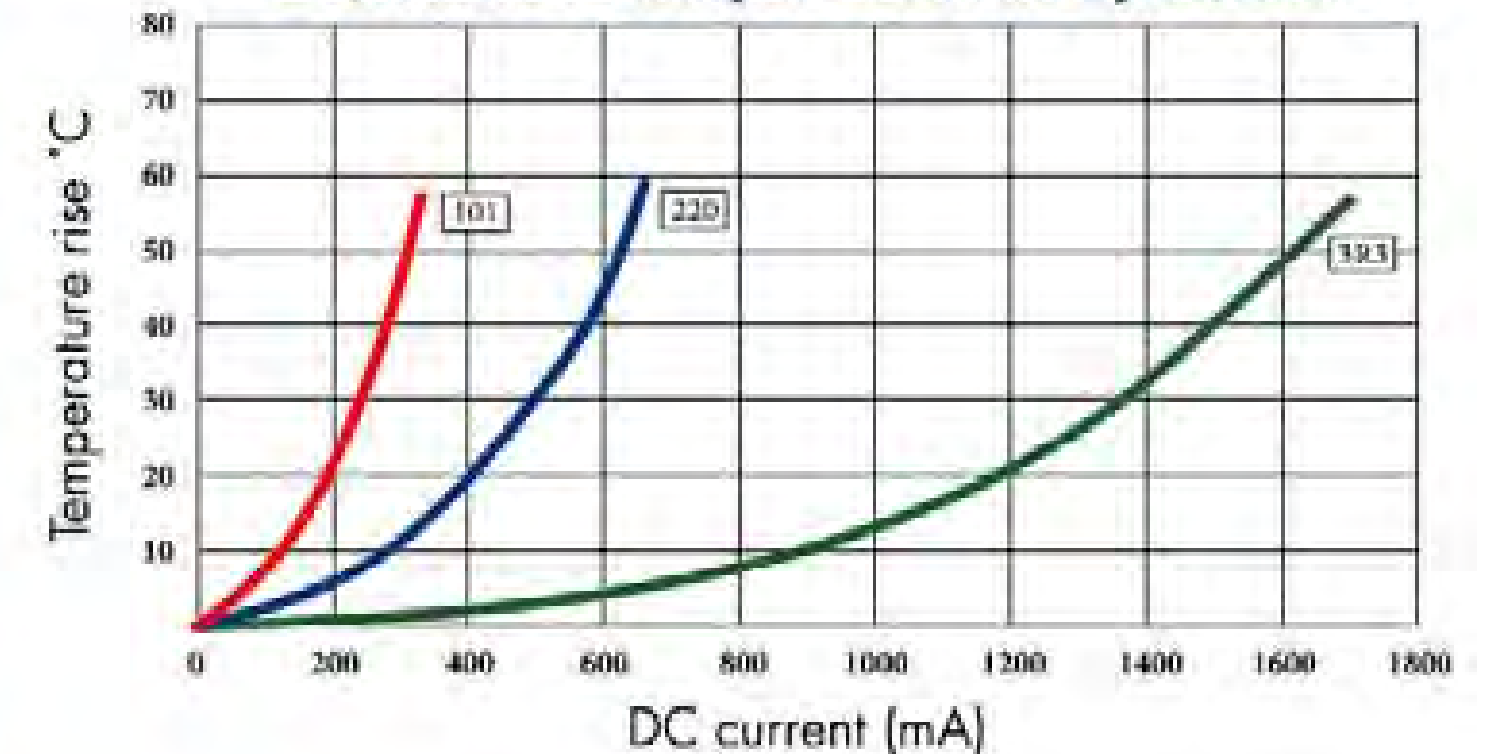
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIMD4D12 Inductance decrease by current



OWIMD4D12 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIMD4D12 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIMD4D12-3R3	3.3	100KHZ	0.20	1.55	1.38
OWIMD4D12-4R7	4.7	100KHZ	0.25	1.37	1.15
OWIMD4D12-6R8	6.8	100KHZ	0.35	1.12	1.00
OWIMD4D12-100	10	100KHZ	0.48	1.10	0.78
OWIMD4D12-150	15	100KHZ	0.75	0.82	0.62
OWIMD4D12-220	22	100KHZ	1.10	0.67	0.50
OWIMD4D12-330	33	100KHZ	1.40	0.55	0.40
OWIMD4D12-470	47	100KHZ	2.25	0.45	0.33
OWIMD4D12-680	68	100KHZ	3.00	0.37	0.29
OWIMD4D12-101	100	100KHZ	4.00	0.30	0.24

1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWIMD4D10C TYPE

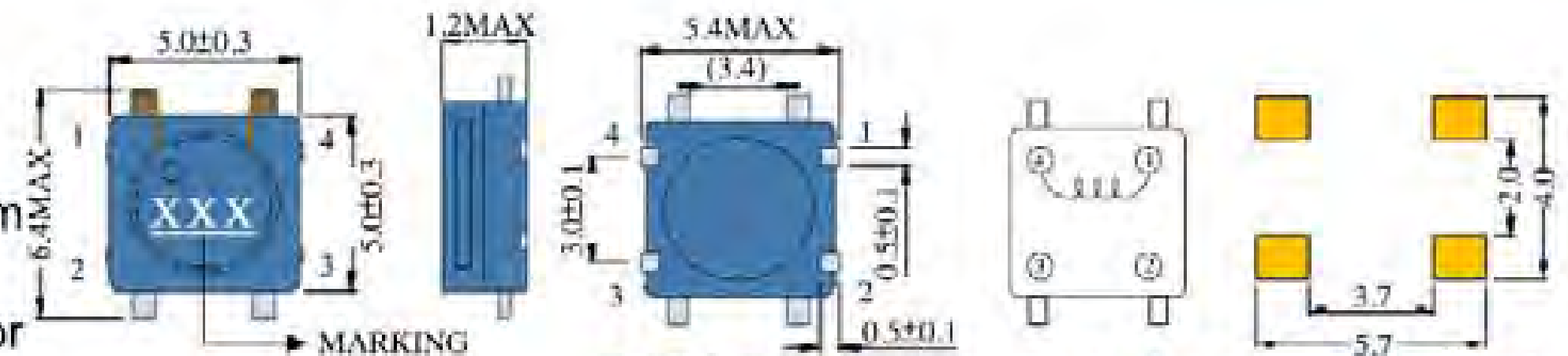


FEATURES

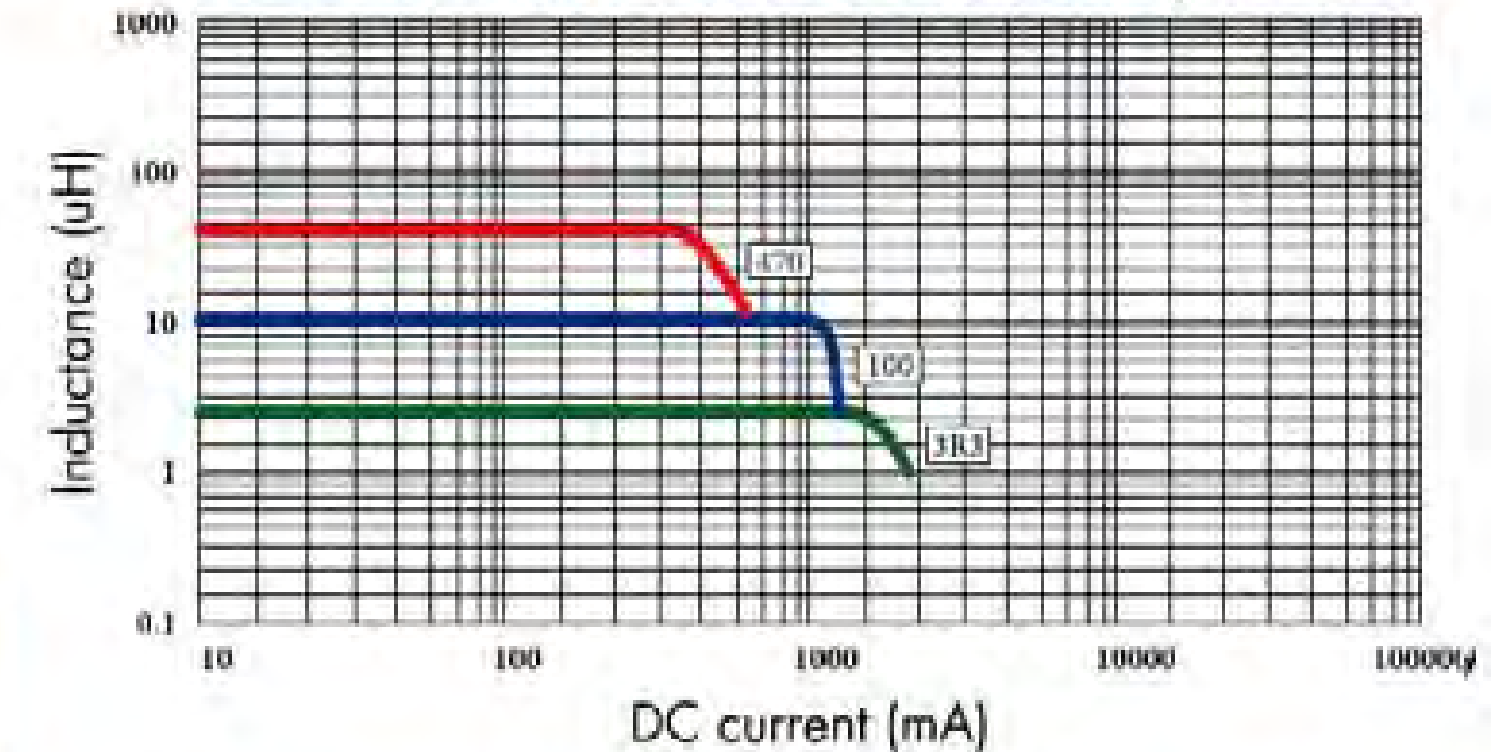
1. LOW Profile (1.2mm max. height) and 6.4mm square.
2. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

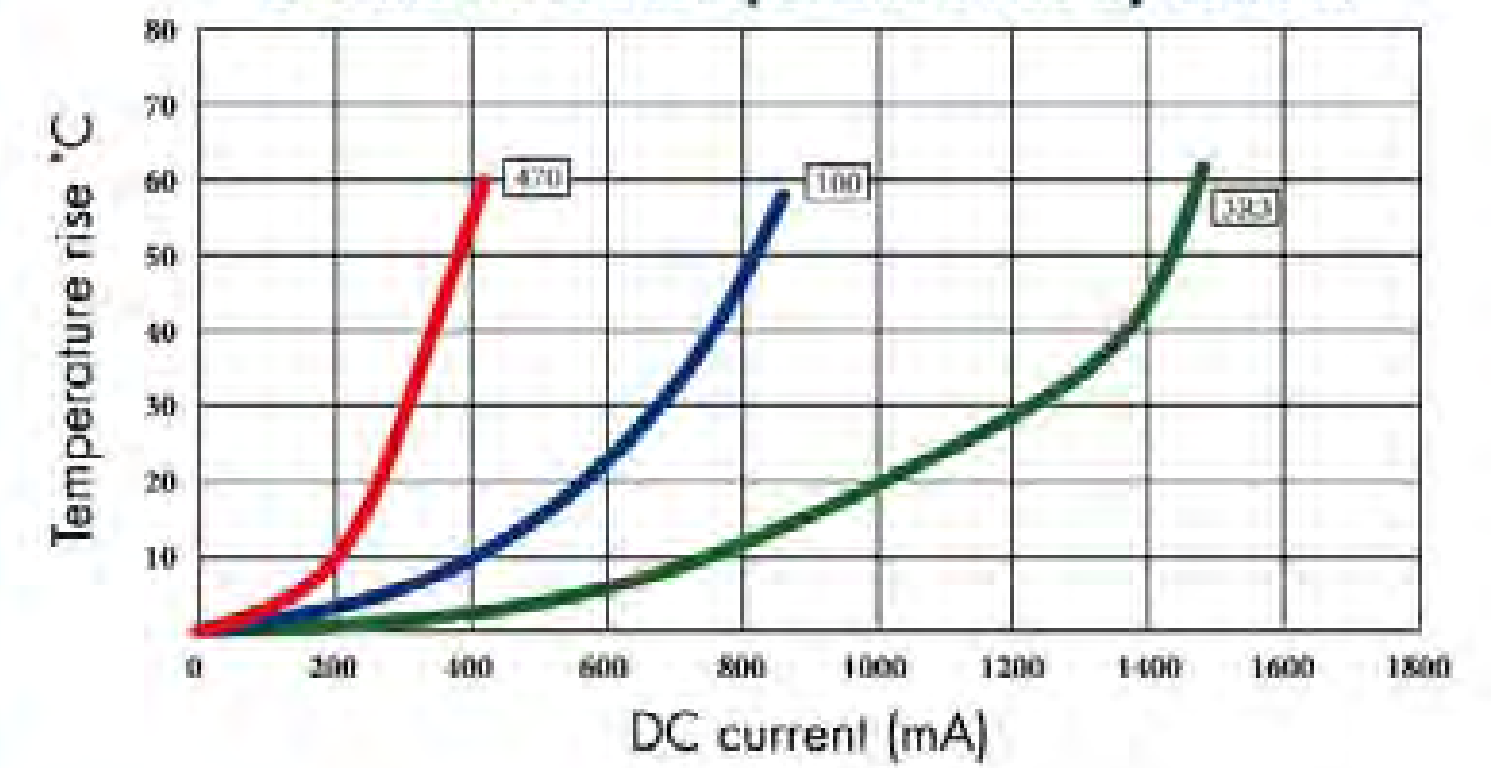
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIMD4D10C Inductance decrease by current



OWIMD4D10C Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIMD4D10C SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIMD4D10C-3R3	3.3	100KHZ	0.20	1.37	1.16
OWIMD4D10C-4R7	4.7	100KHZ	0.28	1.12	0.96
OWIMD4D10C-6R8	6.8	100KHZ	0.38	1.10	0.80
OWIMD4D10C-100	10	100KHZ	0.60	0.82	0.64
OWIMD4D10C-150	15	100KHZ	0.90	0.67	0.50
OWIMD4D10C-220	22	100KHZ	1.30	0.55	0.42
OWIMD4D10C-330	33	100KHZ	1.75	0.45	0.36
OWIMD4D10C-470	47	100KHZ	2.80	0.40	0.30

1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWIMD4D12C TYPE

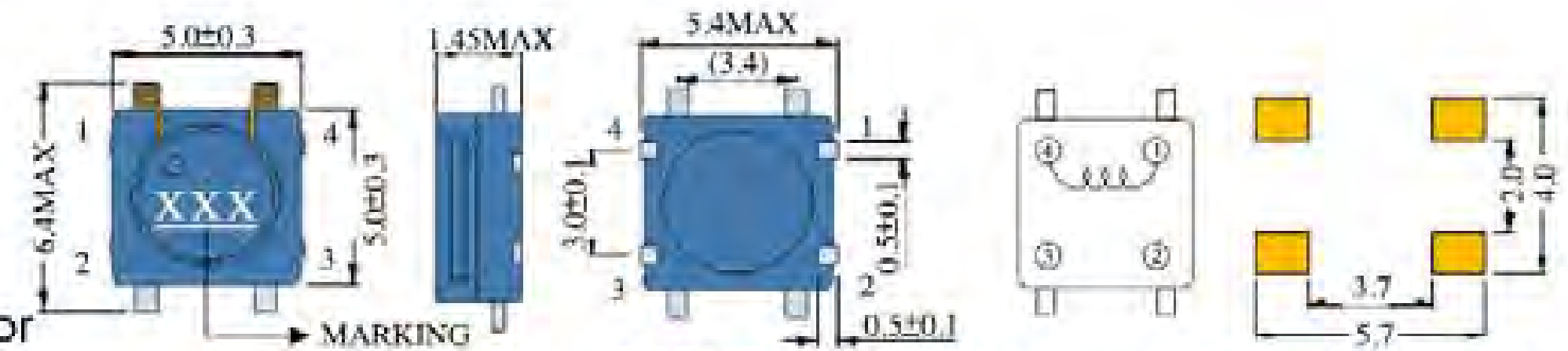


FEATURES

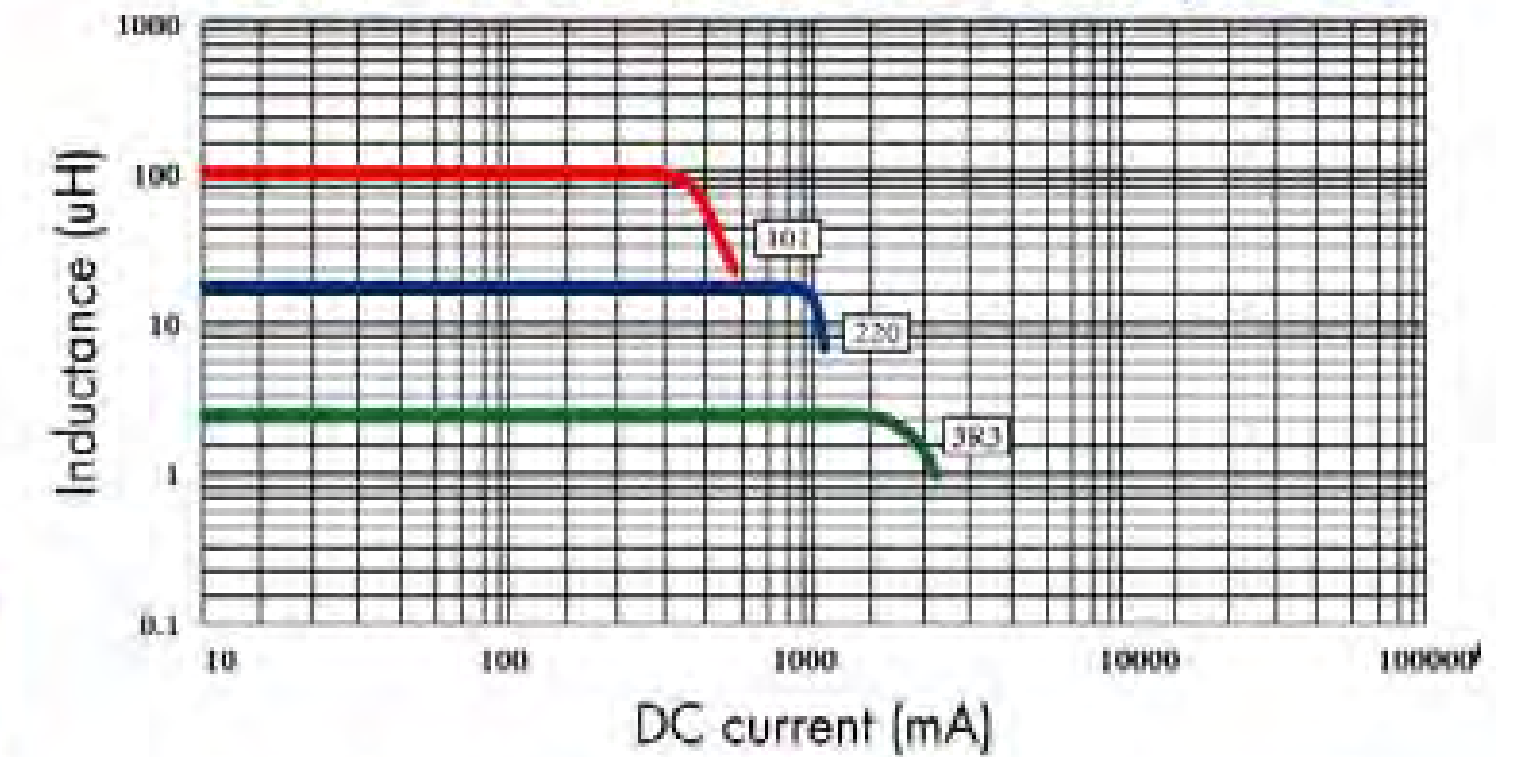
1. LOW Profile (1.45mm max. height) and 6.4mm square.
2. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

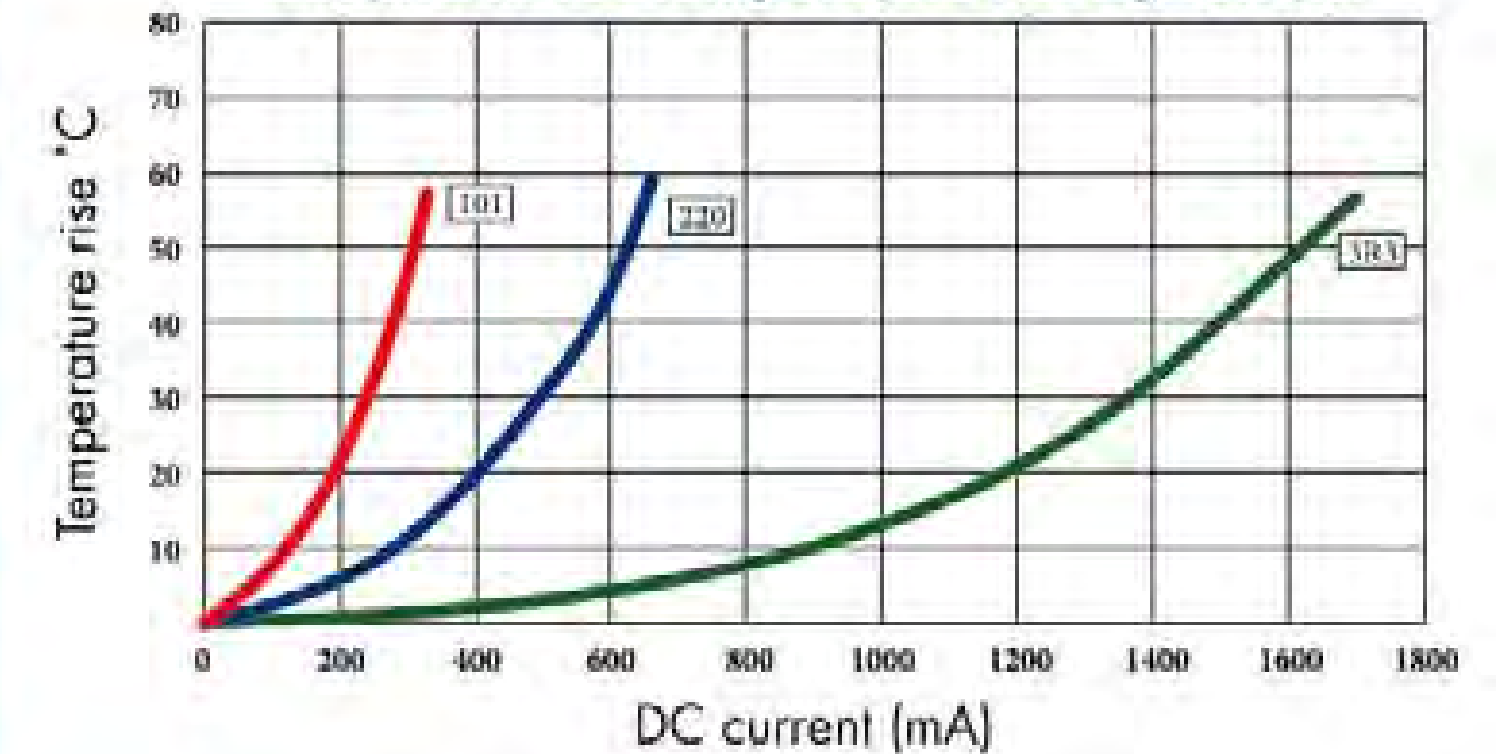
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIMD4D12C Inductance decrease by current



OWIMD4D12C Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIMD4D12C SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIMD4D12C-3R3	3.3	100KHZ	0.20	1.55	1.38
OWIMD4D12C-4R7	4.7	100KHZ	0.25	1.37	1.15
OWIMD4D12C-6R8	6.8	100KHZ	0.35	1.12	1.00
OWIMD4D12C-100	10	100KHZ	0.48	1.10	0.78
OWIMD4D12C-150	15	100KHZ	0.75	0.82	0.62
OWIMD4D12C-220	22	100KHZ	1.10	0.67	0.50
OWIMD4D12C-330	33	100KHZ	1.40	0.55	0.40
OWIMD4D12C-470	47	100KHZ	2.25	0.45	0.33
OWIMD4D12C-680	68	100KHZ	3.0	0.37	0.29
OWIMD4D12C-101	100	100KHZ	4.0	0.30	0.24

1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

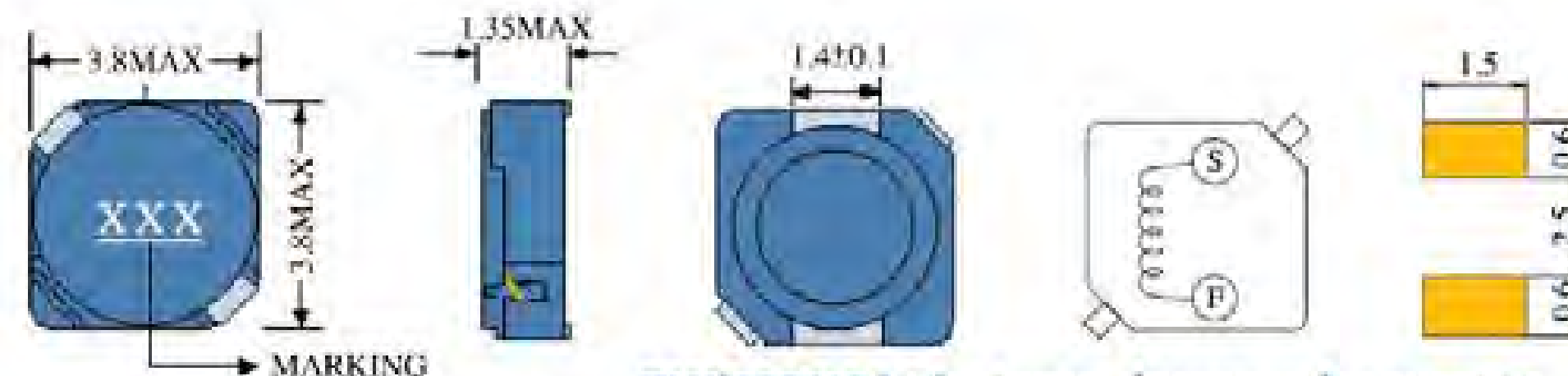
OWI312MF TYPE

FEATURES

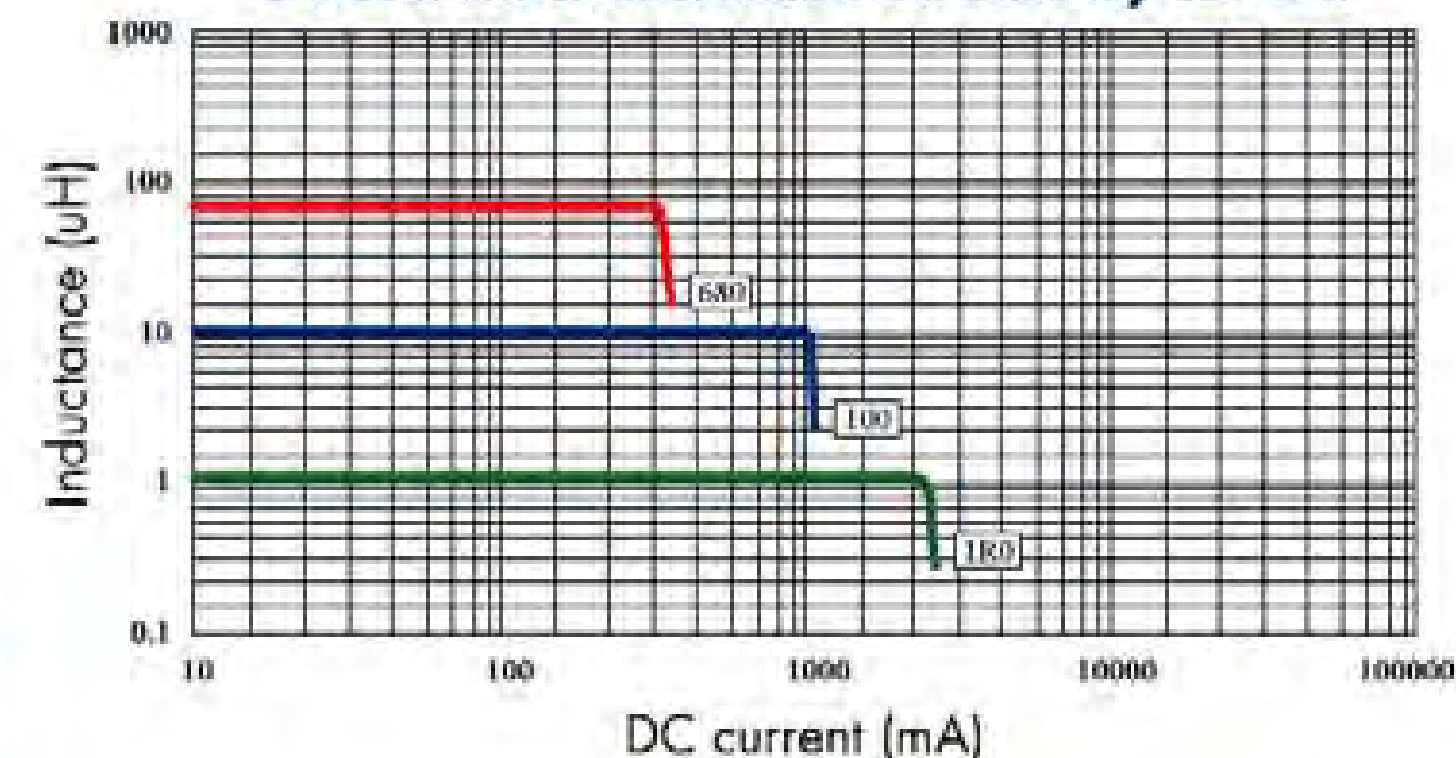
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

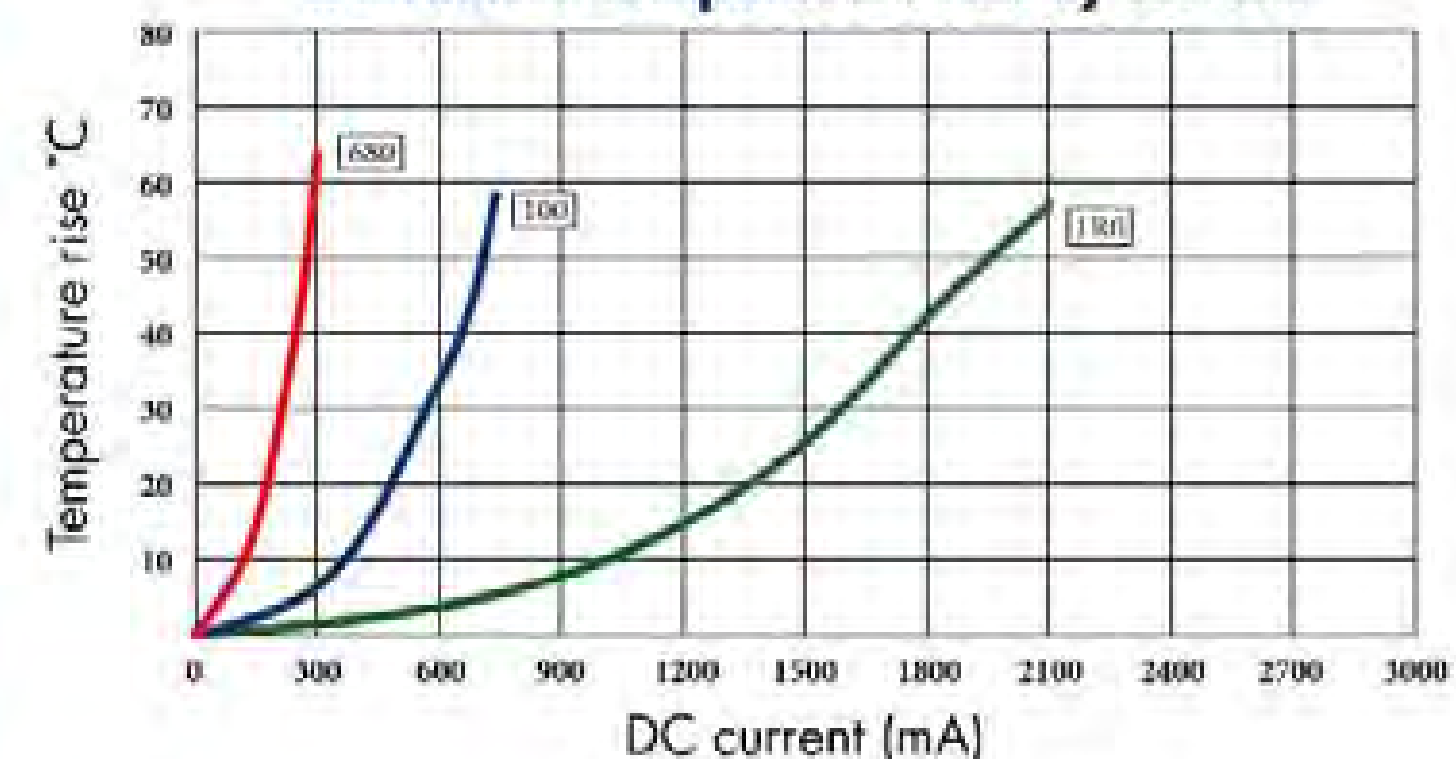
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWI312MF Inductance decrease by current



OWI312MF Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI312MF SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI312MF-1R0	1.0	100KHZ	87m	3.00	1.60
OWI312MF-1R5	1.5	100KHZ	104m	2.50	1.50
OWI312MF-2R2	2.2	100KHZ	157m	2.00	1.20
OWI312MF-3R3	3.3	100KHZ	210m	1.80	0.98
OWI312MF-4R7	4.7	100KHZ	318m	1.48	0.84
OWI312MF-5R6	5.6	100KHZ	388m	1.22	0.78
OWI312MF-6R8	6.8	100KHZ	430m	1.10	0.70
OWI312MF-100	10	100KHZ	673m	0.97	0.58
OWI312MF-120	12	100KHZ	792m	0.85	0.50
OWI312MF-150	15	100KHZ	900m	0.79	0.48
OWI312MF-180	18	100KHZ	1.16	0.68	0.44
OWI312MF-220	22	100KHZ	1.40	0.64	0.40
OWI312MF-270	27	100KHZ	1.65	0.60	0.38
OWI312MF-330	33	100KHZ	2.40	0.57	0.33
OWI312MF-390	39	100KHZ	2.85	0.50	0.27
OWI312MF-470	47	100KHZ	3.00	0.44	0.25
OWI312MF-560	56	100KHZ	3.60	0.42	0.23
OWI312MF-680	68	100KHZ	4.10	0.40	0.21

1. Inductance tested at 0.25V. Tolerance of inductance:
1.0uH: ±30%(N) 1.5uH-68uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI414MF TYPE

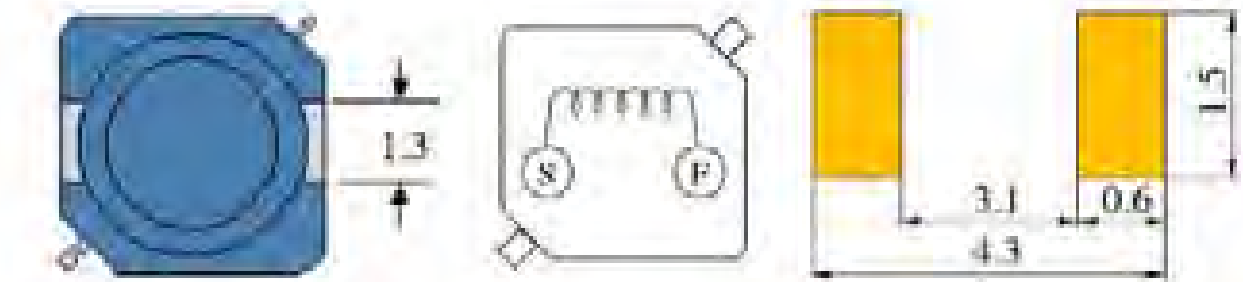
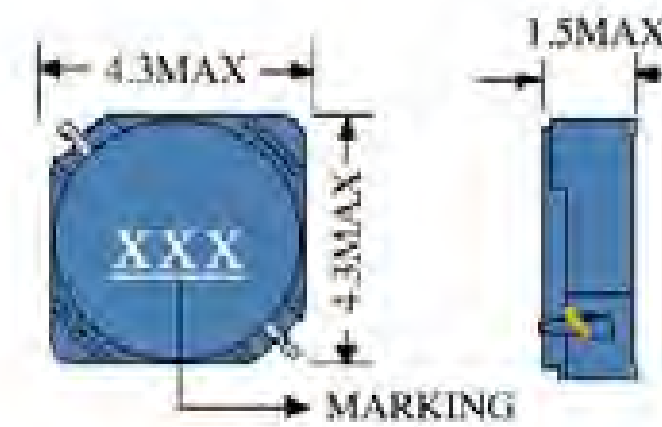


FEATURES

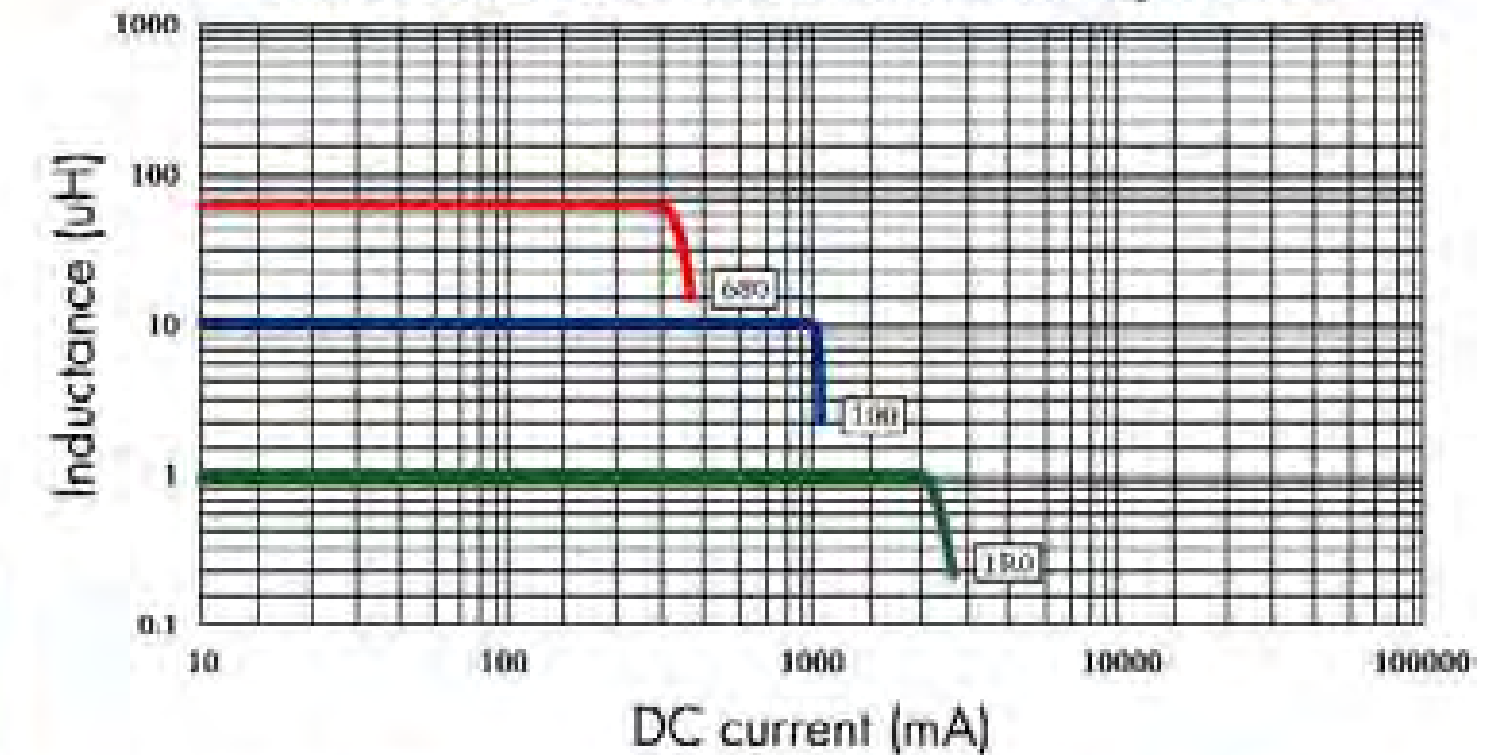
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

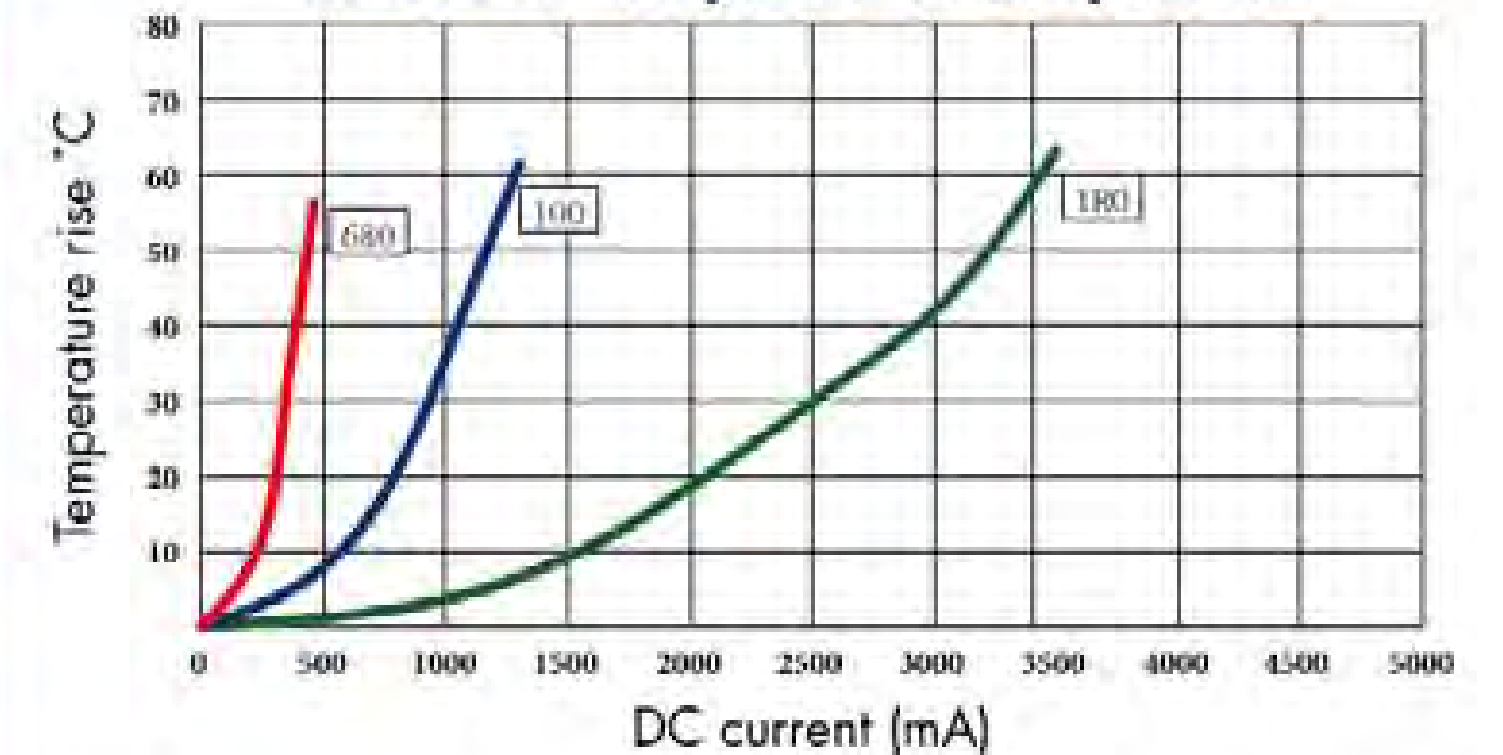
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWI414MF Inductance decrease by current



OWI414MF Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
1.0uH: ±30%(N) 1.5uH~68uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

ELECTRICAL CHARACTERISTICS FOR OWI414MF SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI414MF-1R0	1.0	100KHZ	63m	2.80	2.65
OWI414MF-1R5	1.5	100KHZ	106m	2.30	2.10
OWI414MF-2R2	2.2	100KHZ	124m	1.90	1.78
OWI414MF-3R3	3.3	100KHZ	137m	1.40	1.55
OWI414MF-4R7	4.7	100KHZ	154m	1.20	1.40
OWI414MF-5R6	5.6	100KHZ	188m	1.10	1.30
OWI414MF-6R8	6.8	100KHZ	220m	1.00	1.20
OWI414MF-8R6	8.6	100KHZ	258m	0.95	1.00
OWI414MF-100	10	100KHZ	307m	0.90	0.90
OWI414MF-120	12	100KHZ	367m	0.81	0.82
OWI414MF-150	15	100KHZ	425m	0.72	0.74
OWI414MF-180	18	100KHZ	497m	0.65	0.68
OWI414MF-220	22	100KHZ	569m	0.60	0.66
OWI414MF-270	27	100KHZ	792m	0.48	0.62
OWI414MF-330	33	100KHZ	905m	0.44	0.52
OWI414MF-390	39	100KHZ	1.19	0.43	0.44
OWI414MF-470	47	100KHZ	1.32	0.41	0.40
OWI414MF-560	56	100KHZ	1.48	0.38	0.38
OWI414MF-680	68	100KHZ	1.85	0.36	0.35

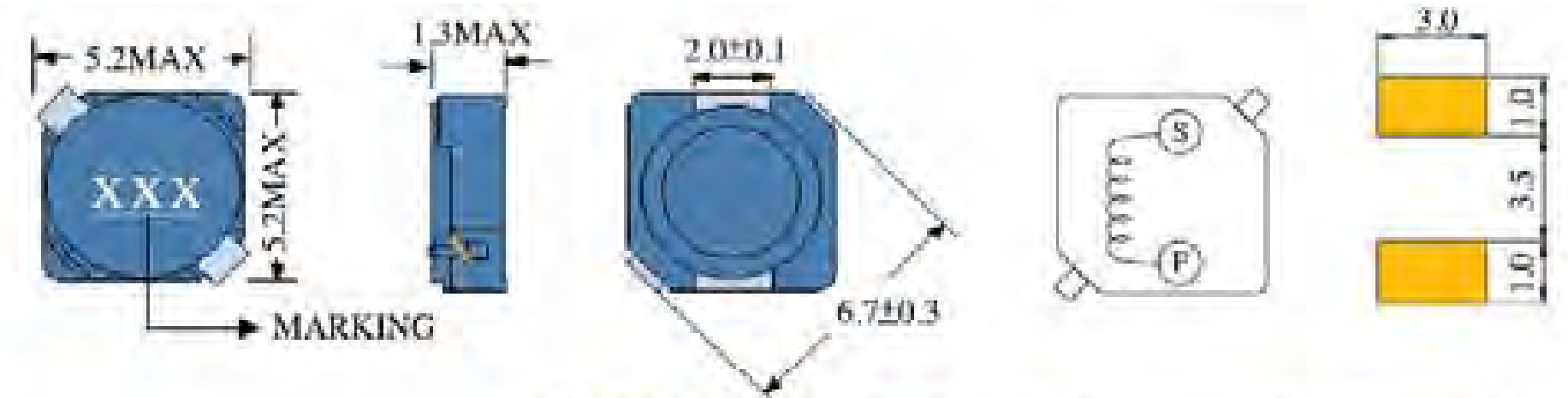
OWI511MF TYPE

FEATURES

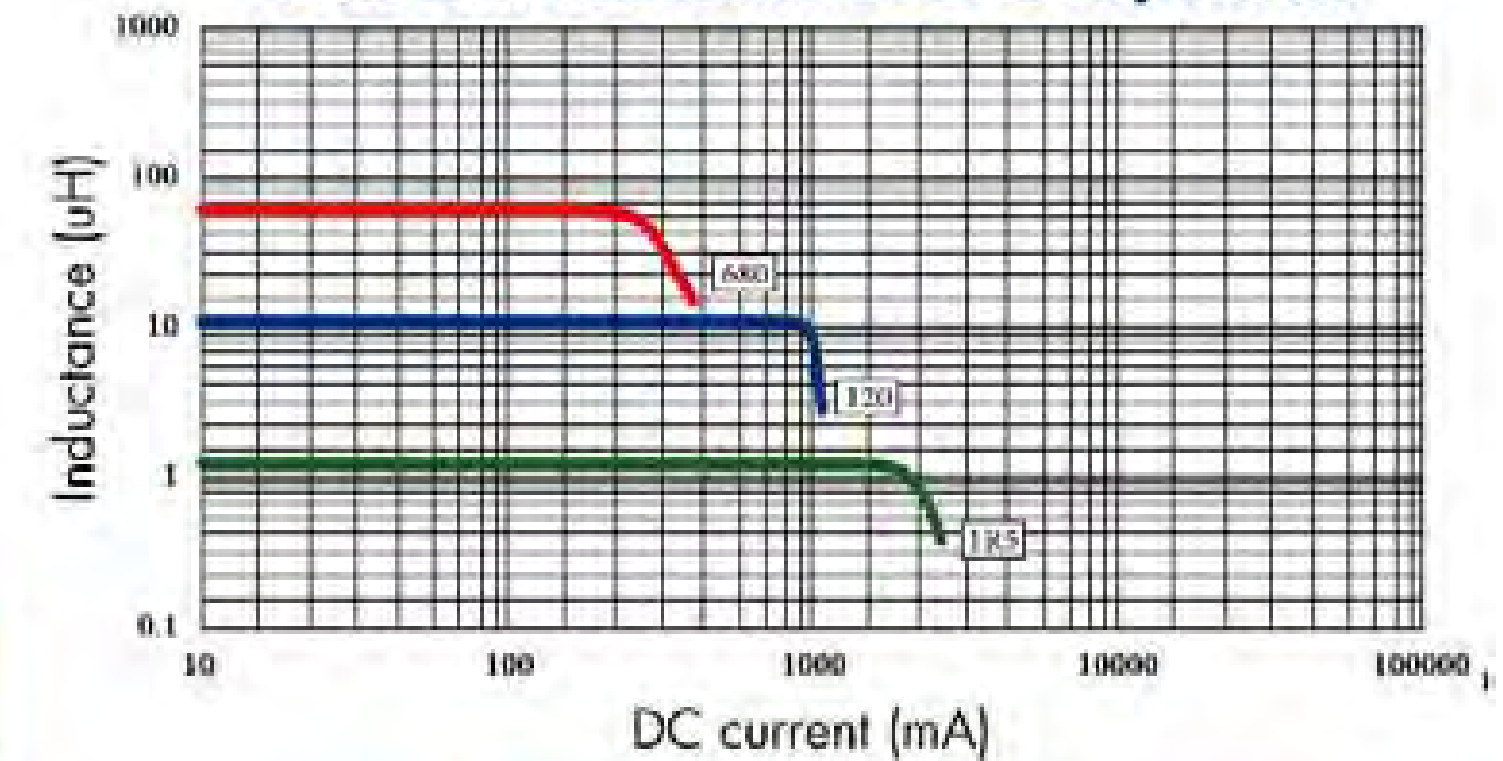
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

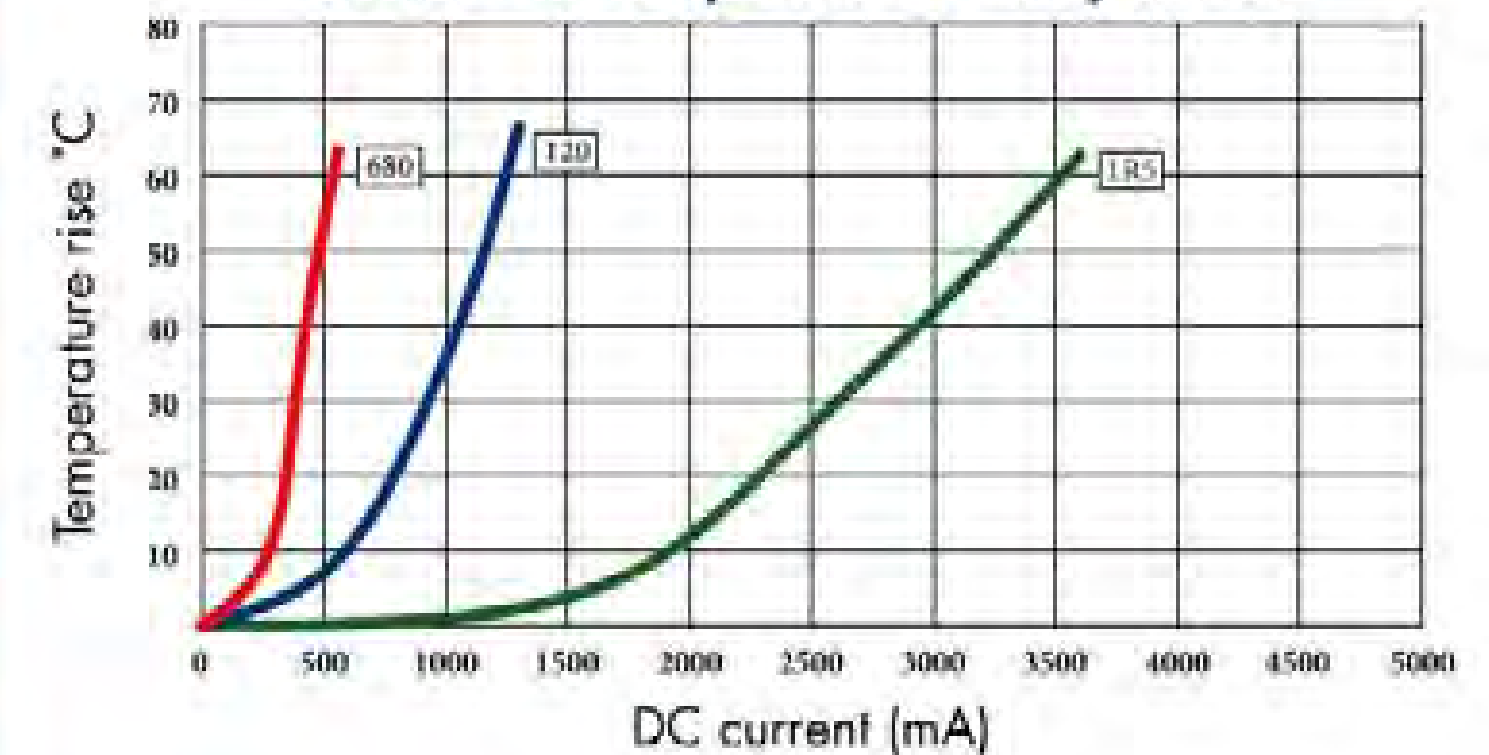
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWI511MF Inductance decrease by current



OWI511MF Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI511MF SERIES

Part Number	Inductance (µH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI511MF-1R5	1.5	100KHZ	70m	1.60	2.50
OWI511MF-2R2	2.2	100KHZ	112m	1.38	2.20
OWI511MF-3R3	3.3	100KHZ	120m	1.09	1.80
OWI511MF-4R7	4.7	100KHZ	140m	0.90	1.51
OWI511MF-5R6	5.6	100KHZ	145m	0.83	1.25
OWI511MF-6R8	6.8	100KHZ	175m	0.71	1.15
OWI511MF-8R6	8.6	100KHZ	215m	0.63	1.00
OWI511MF-100	10	100KHZ	238m	0.59	0.96
OWI511MF-120	12	100KHZ	300m	0.56	0.92
OWI511MF-150	15	100KHZ	340m	0.50	0.86
OWI511MF-180	18	100KHZ	420m	0.42	0.80
OWI511MF-220	22	100KHZ	475m	0.40	0.76
OWI511MF-270	27	100KHZ	560m	0.32	0.70
OWI511MF-330	33	100KHZ	816m	0.30	0.58
OWI511MF-390	39	100KHZ	915m	0.25	0.52
OWI511MF-470	47	100KHZ	1.16	0.20	0.46
OWI511MF-560	56	100KHZ	1.32	0.18	0.42
OWI511MF-680	68	100KHZ	1.64	0.15	0.37

1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWIC5D23 TYPE

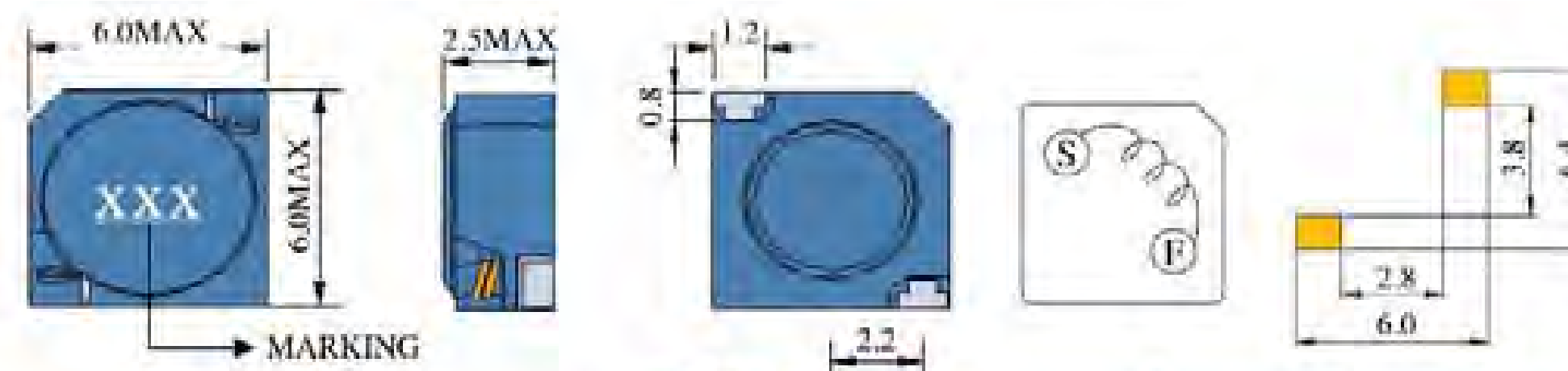


FEATURES

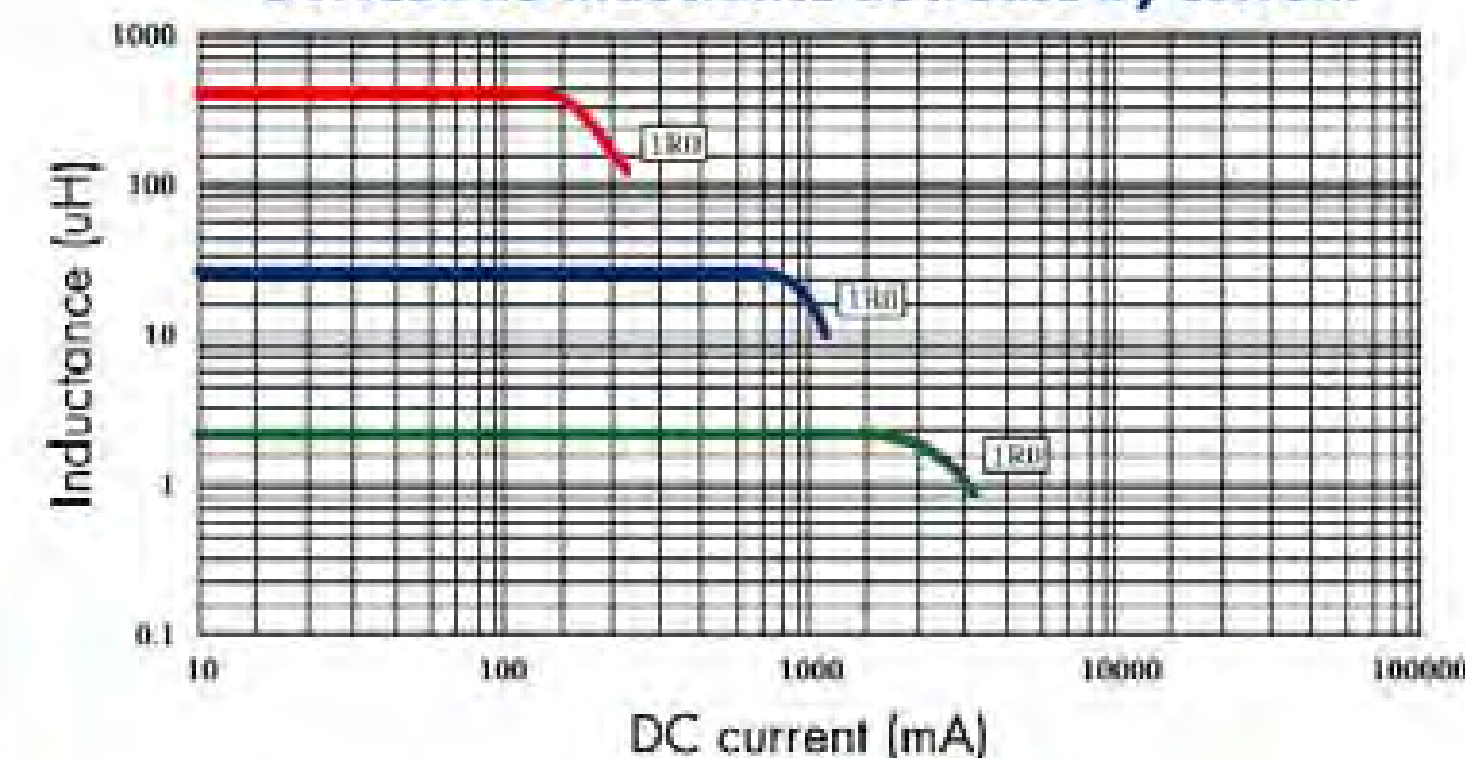
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

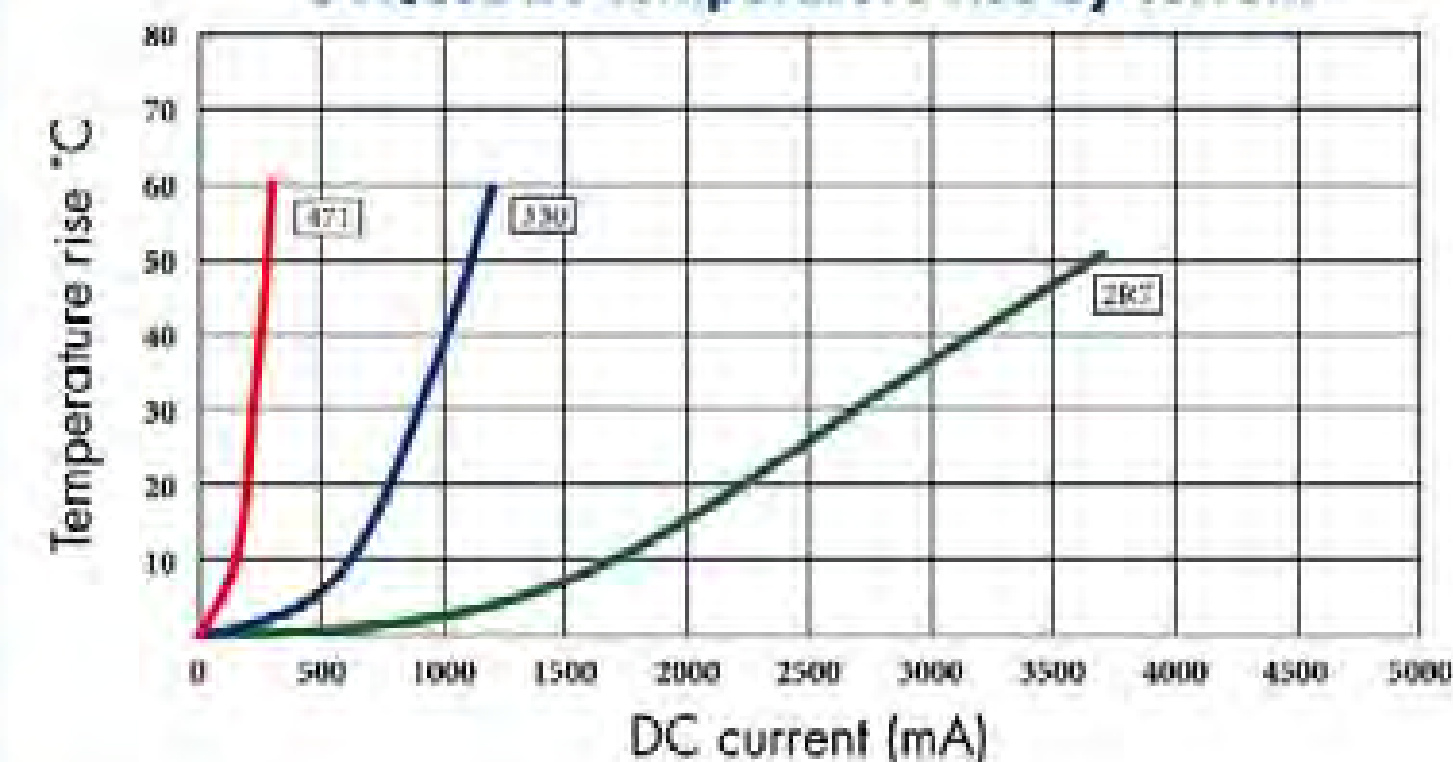
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIC5D23 Inductance decrease by current



OWIC5D23 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIC5D23 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIC5D23-2R7	2.7	100KHZ	44m	2.08	2.80
OWIC5D23-3R3	3.3	100KHZ	49m	1.90	2.60
OWIC5D23-3R9	3.9	100KHZ	56m	1.84	2.42
OWIC5D23-4R7	4.7	100KHZ	62m	1.60	2.20
OWIC5D23-5R6	5.6	100KHZ	78m	1.44	2.05
OWIC5D23-6R8	6.8	100KHZ	91m	1.30	1.90
OWIC5D23-8R2	8.2	100KHZ	103m	1.12	1.75
OWIC5D23-100	10	100KHZ	133m	1.04	1.55
OWIC5D23-120	12	100KHZ	148m	0.90	1.40
OWIC5D23-150	15	100KHZ	166m	0.82	1.30
OWIC5D23-180	18	100KHZ	213m	0.77	1.20
OWIC5D23-220	22	100KHZ	248m	0.73	1.10
OWIC5D23-270	27	100KHZ	328m	0.64	1.00
OWIC5D23-330	33	100KHZ	378m	0.58	0.90
OWIC5D23-390	39	100KHZ	438m	0.54	0.80
OWIC5D23-470	47	100KHZ	546m	0.44	0.74
OWIC5D23-560	56	100KHZ	621m	0.43	0.64
OWIC5D23-680	68	100KHZ	715m	0.41	0.62
OWIC5D23-820	82	100KHZ	1.00	0.35	0.58
OWIC5D23-101	100	100KHZ	1.07	0.33	0.48
OWIC5D23-121	120	100KHZ	1.25	0.32	0.44
OWIC5D23-151	150	100KHZ	1.66	0.26	0.40
OWIC5D23-181	180	100KHZ	1.90	0.23	0.37
OWIC5D23-221	220	100KHZ	2.44	0.21	0.35
OWIC5D23-271	270	100KHZ	2.73	0.19	0.32
OWIC5D23-331	330	100KHZ	3.72	0.18	0.26
OWIC5D23-391	390	100KHZ	4.06	0.17	0.24
OWIC5D23-471	470	100KHZ	4.70	0.165	0.21

1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25°C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40°C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI1606 TYPE



FEATURES

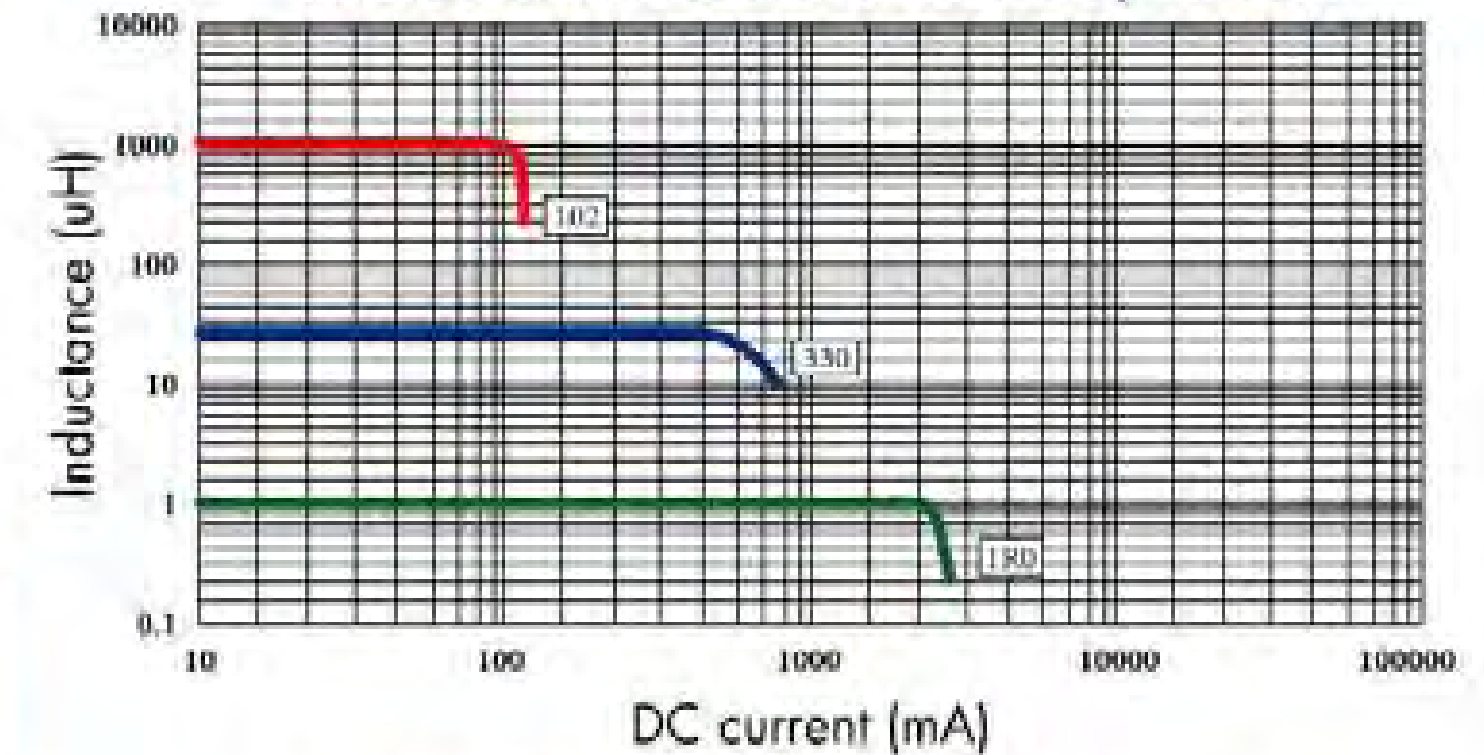
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

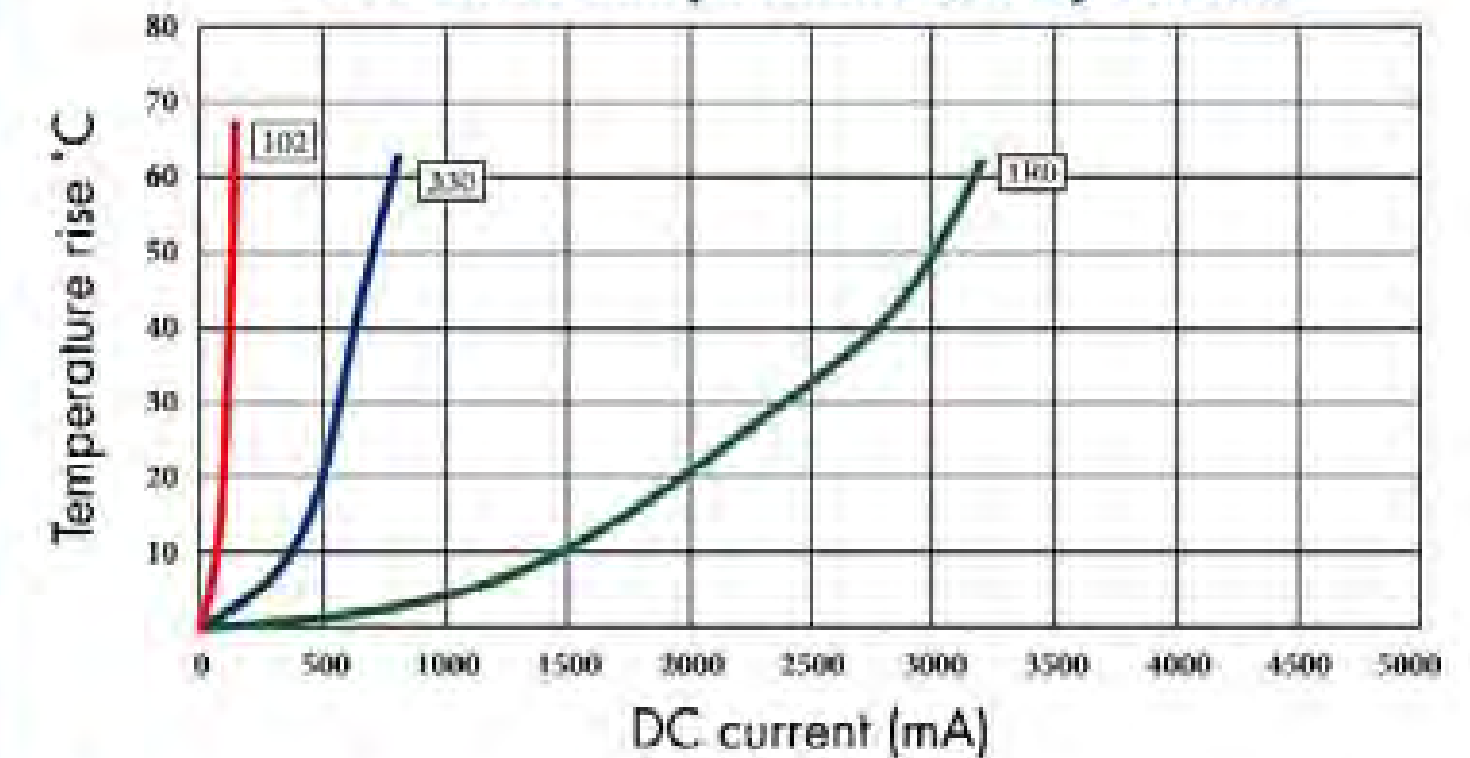
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWI1606 Inductance decrease by current



OWI1606 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI1606 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI1606-1R0	1.0	100KHZ	90m	2.50	2.45
OWI1606-1R5	1.5	100KHZ	100m	2.20	1.90
OWI1606-2R2	2.2	100KHZ	110m	1.80	1.78
OWI1606-3R3	3.3	100KHZ	120m	1.40	1.65
OWI1606-4R7	4.7	100KHZ	160m	1.20	1.40
OWI1606-6R8	6.8	100KHZ	240m	1.10	1.18
OWI1606-100	10	100KHZ	300m	1.00	1.05
OWI1606-150	15	100KHZ	400m	0.80	0.88
OWI1606-220	22	100KHZ	540m	0.60	0.72
OWI1606-330	33	100KHZ	820m	0.50	0.58
OWI1606-470	47	100KHZ	1.20	0.45	0.47
OWI1606-680	68	100KHZ	1.60	0.35	0.40
OWI1606-101	100	100KHZ	2.60	0.30	0.30
OWI1606-151	150	100KHZ	3.50	0.25	0.26
OWI1606-221	220	100KHZ	5.70	0.20	0.21
OWI1606-331	330	100KHZ	9.30	0.16	0.16
OWI1606-471	470	100KHZ	12.6	0.14	0.14
OWI1606-681	680	100KHZ	17.5	0.12	0.12
OWI1606-102	1000	100KHZ	26.8	0.08	0.10

1. Inductance tested at 0.25V. Tolerance of inductance:
1.0uH: ±30%(N) 1.5uH~1000uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI1704 TYPE

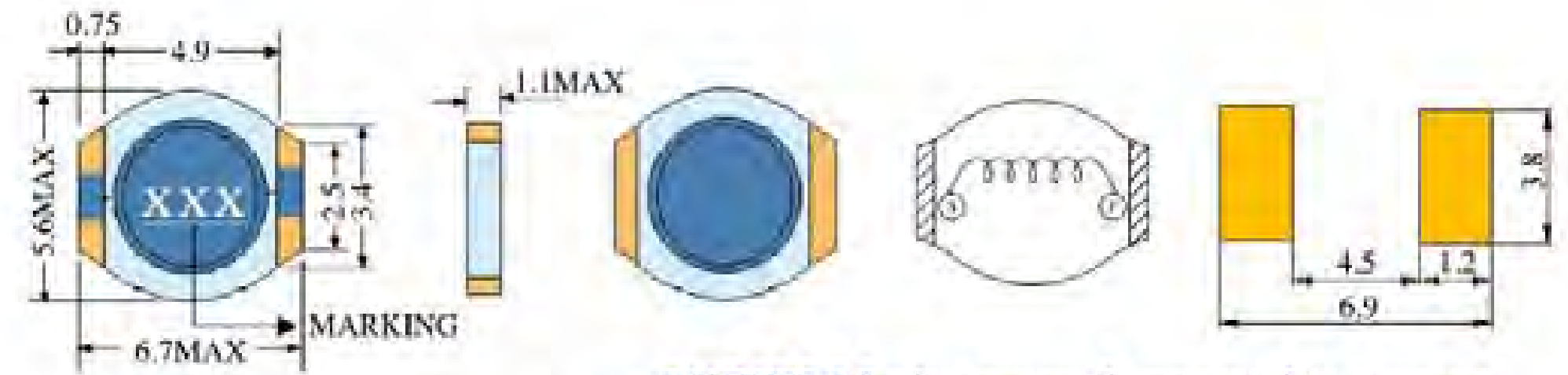


FEATURES

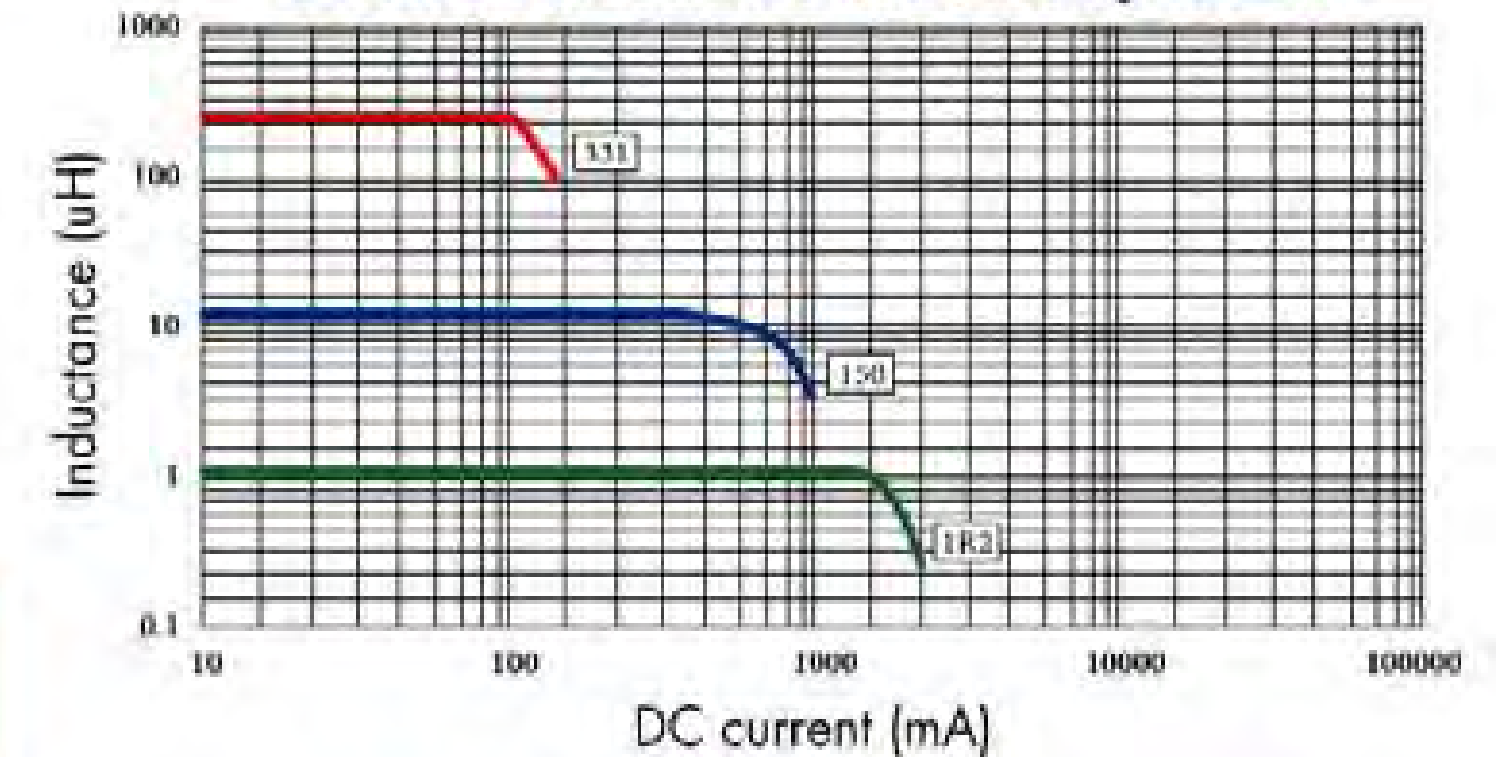
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

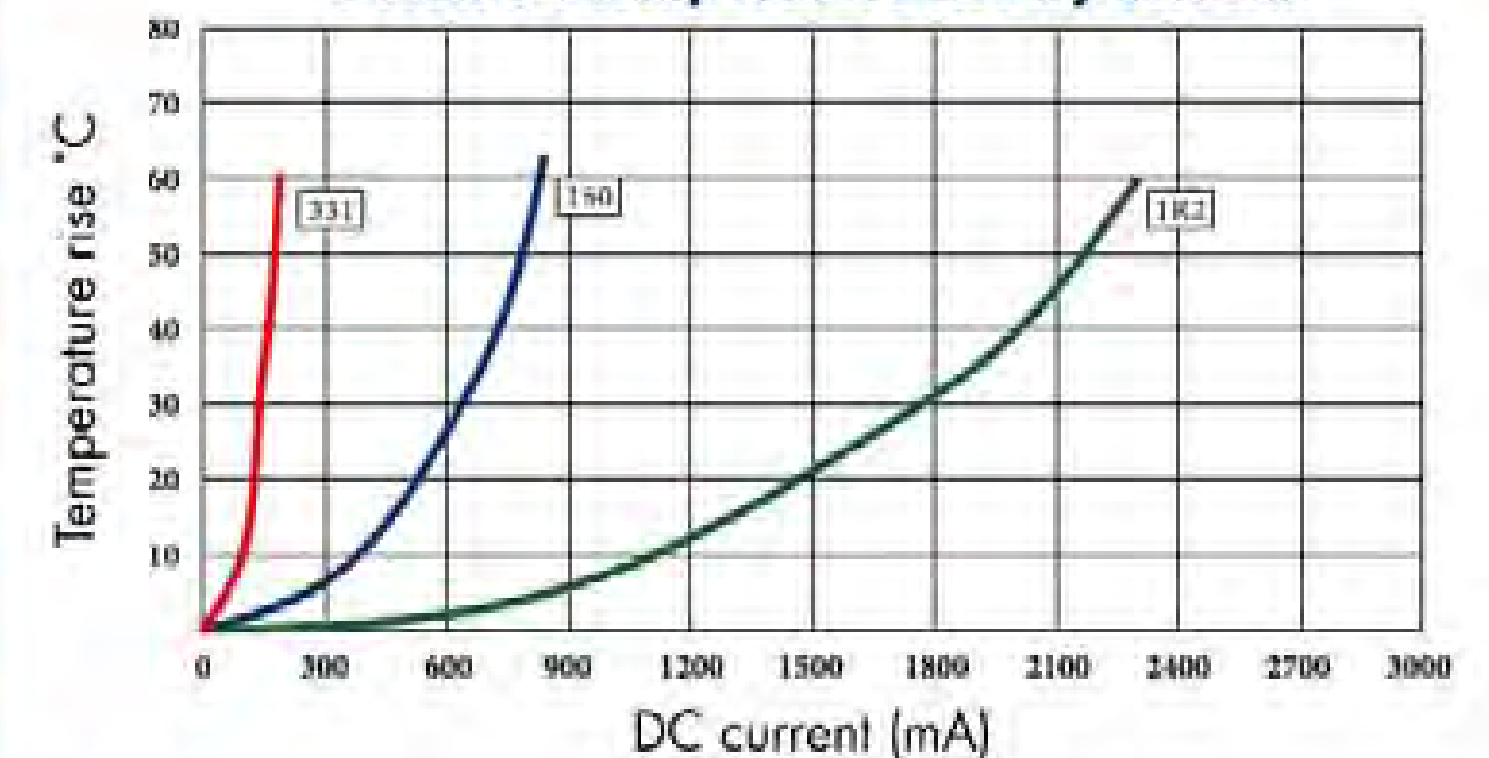
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWI1704 Inductance decrease by current



OWI1704 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI1704 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI1704-1R2	1.2	100KHZ	0.12	1.50	1.70
OWI1704-1R5	1.5	100KHZ	0.14	1.05	1.50
OWI1704-2R2	2.2	100KHZ	0.15	0.90	1.35
OWI1704-3R3	3.3	100KHZ	0.19	0.80	1.25
OWI1704-4R7	4.7	100KHZ	0.25	0.68	1.00
OWI1704-6R8	6.8	100KHZ	0.32	0.60	0.88
OWI1704-100	10	100KHZ	0.41	0.50	0.68
OWI1704-150	15	100KHZ	0.66	0.40	0.60
OWI1704-220	22	100KHZ	0.96	0.32	0.48
OWI1704-330	33	100KHZ	1.50	0.25	0.40
OWI1704-470	47	100KHZ	2.16	0.20	0.35
OWI1704-680	68	100KHZ	3.40	0.18	0.27
OWI1704-100	100	100KHZ	4.60	0.16	0.23
OWI1704-150	150	100KHZ	6.40	0.13	0.19
OWI1704-220	220	100KHZ	8.30	0.10	0.16
OWI1704-330	330	100KHZ	15.0	0.09	0.13

1. Inductance tested at 0.25V. Tolerance of inductance:
1.2uH~1.5uH: ±30%(N) 2.2uH~330uH: ±20%(M)
2. DCR test temp. limits 25°C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp. change as Δt=40°C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI2506 TYPE

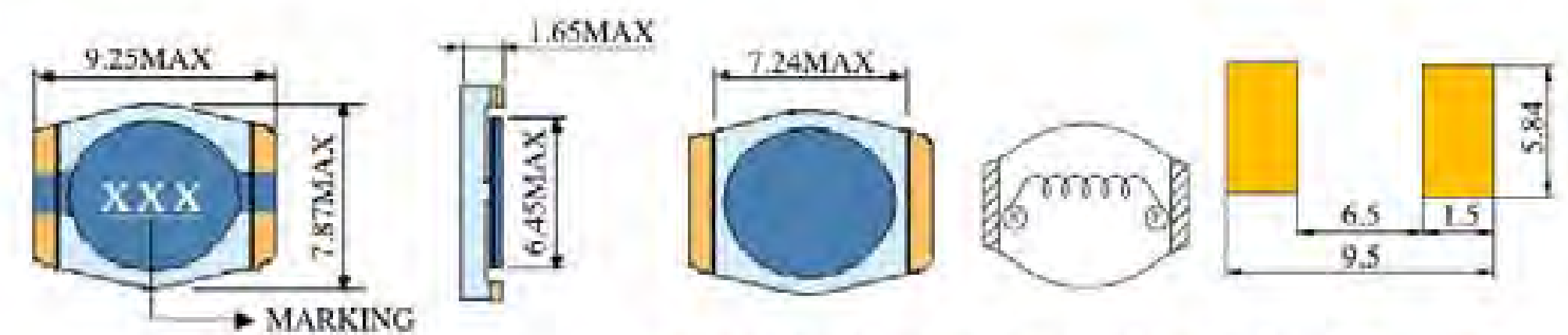


FEATURES

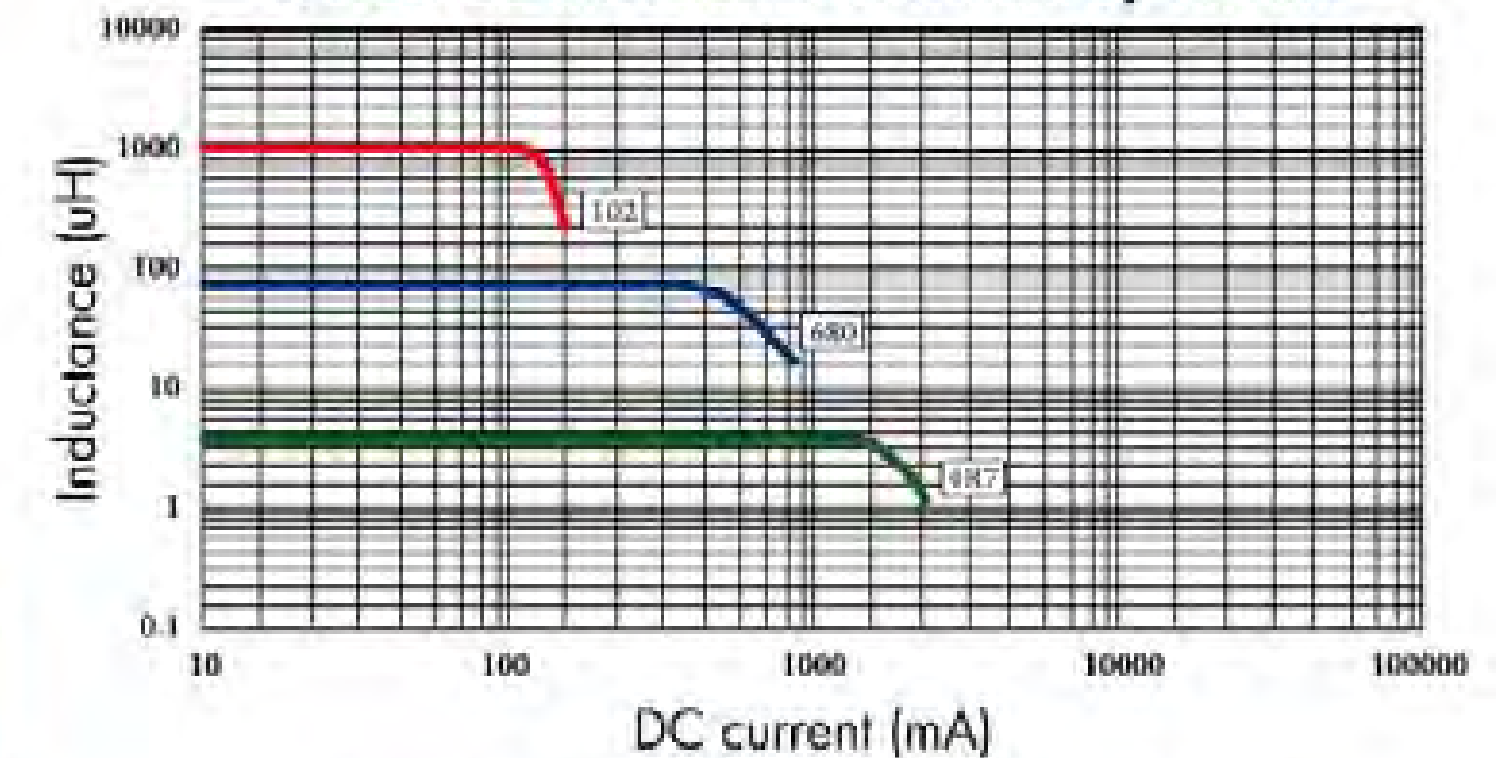
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

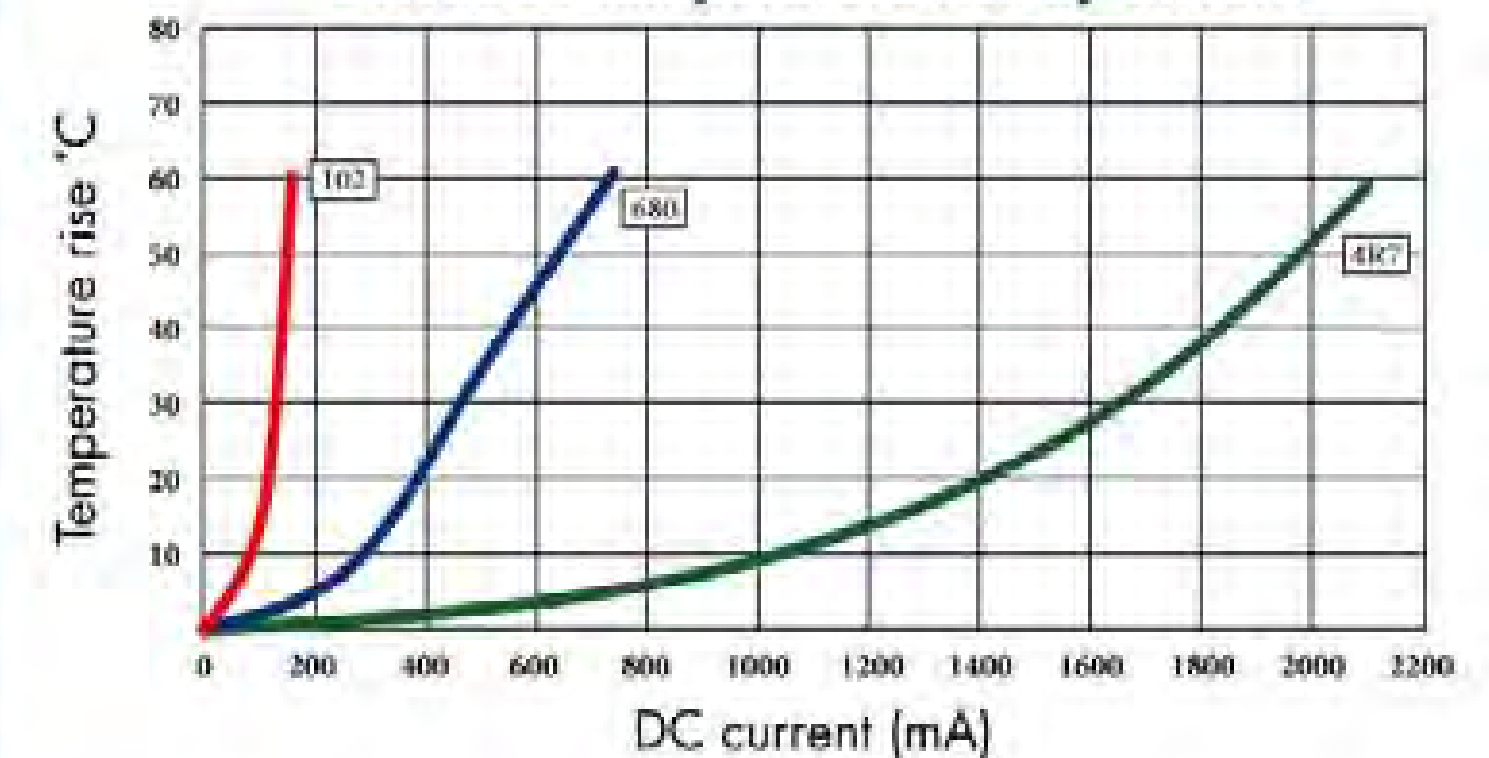
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWI2506 Inductance decrease by current



OWI2506 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI2506 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI2506-4R7	4.7	100KHZ	145m	1.60	1.60
OWI2506-6R8	6.8	100KHZ	165m	1.30	1.50
OWI2506-100	10	100KHZ	240m	1.00	1.10
OWI2506-150	15	100KHZ	300m	0.90	0.90
OWI2506-220	22	100KHZ	420m	0.70	0.78
OWI2506-330	33	100KHZ	650m	0.60	0.68
OWI2506-470	47	100KHZ	880m	0.50	0.56
OWI2506-680	68	100KHZ	1.30	0.40	0.48
OWI2506-101	100	100KHZ	2.00	0.30	0.40
OWI2506-151	150	100KHZ	3.40	0.25	0.30
OWI2506-221	220	100KHZ	4.60	0.22	0.24
OWI2506-331	330	100KHZ	7.30	0.18	0.19
OWI2506-471	470	100KHZ	12.0	0.14	0.16
OWI2506-681	680	100KHZ	15.3	0.12	0.14
OWI2506-102	1000	100KHZ	20.6	0.10	0.13

1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI1608F TYPE

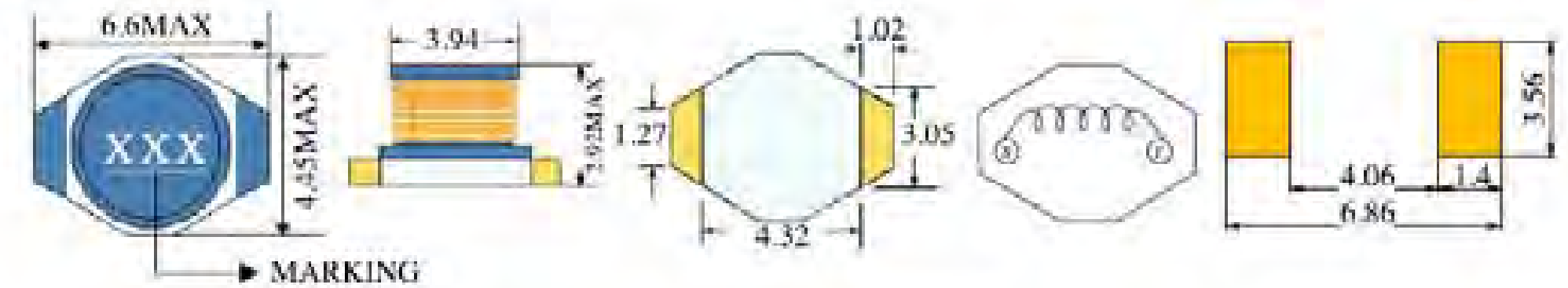


FEATURES

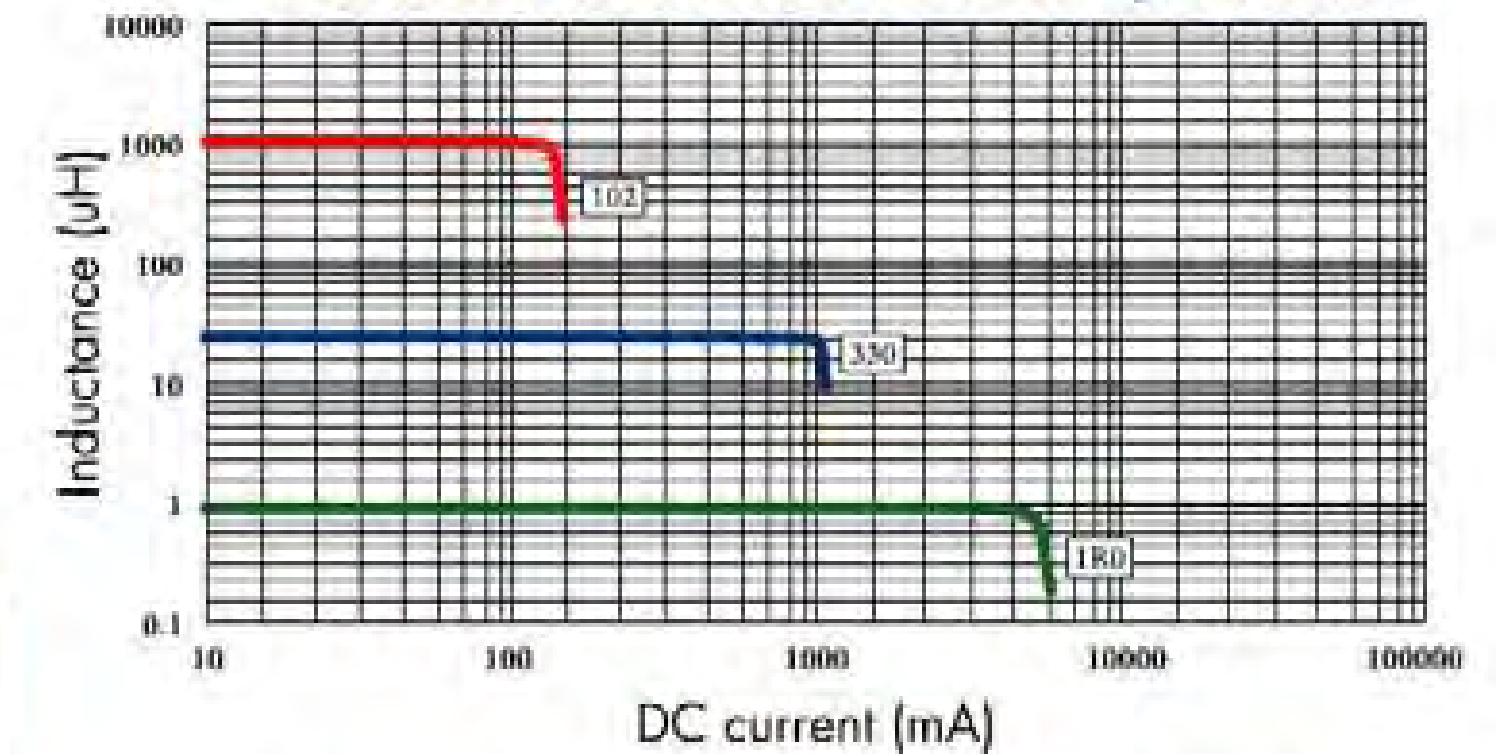
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

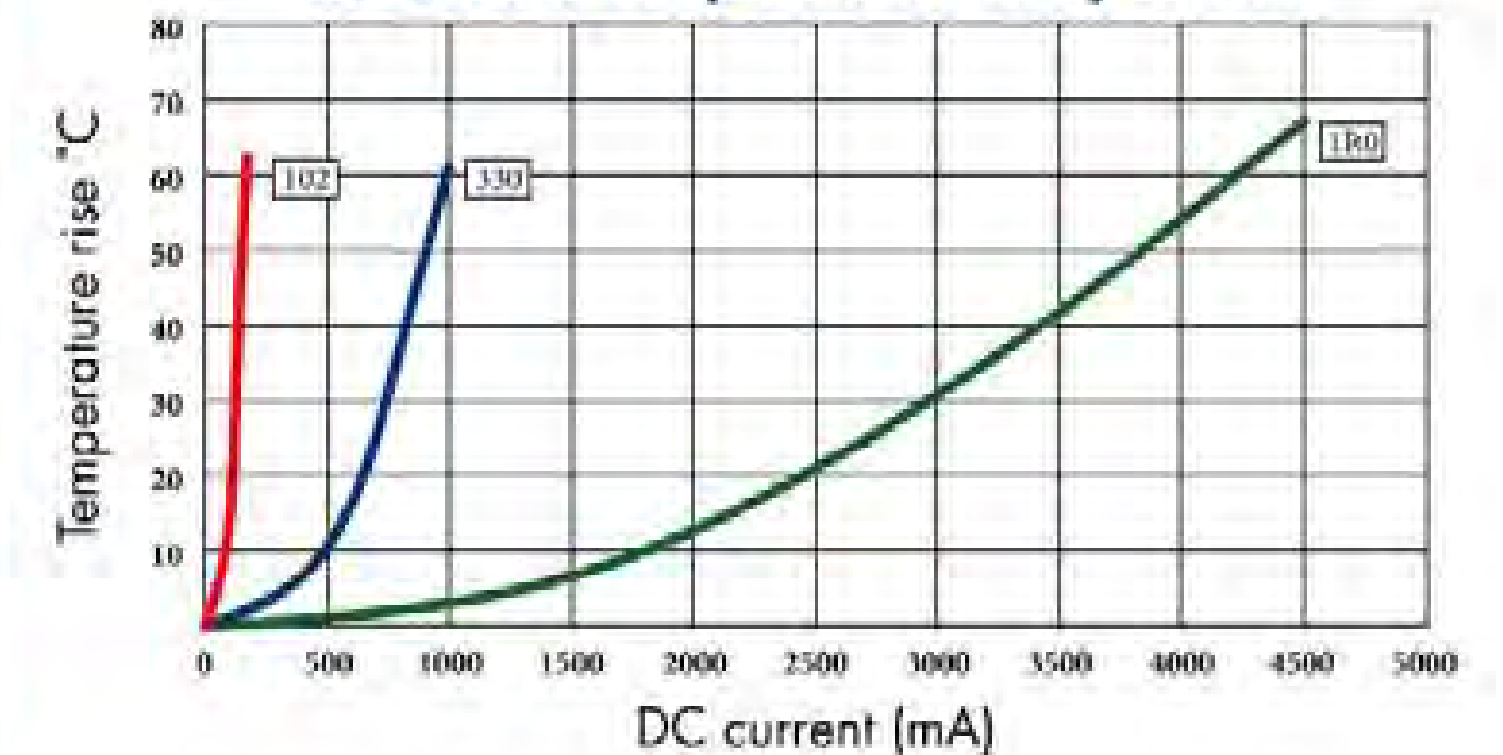
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWI1608F Inductance decrease by current



OWI1608F Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI1608F SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI1608F-1R0	1.0	100KHZ	0.05	2.90	2.90
OWI1608F-1R5	1.5	100KHZ	0.05	2.60	2.80
OWI1608F-2R2	2.2	100KHZ	0.07	2.30	2.40
OWI1608F-3R3	3.3	100KHZ	0.08	2.00	2.00
OWI1608F-4R7	4.7	100KHZ	0.09	1.50	1.80
OWI1608F-6R8	6.8	100KHZ	0.13	1.20	1.10
OWI1608F-100	10	100KHZ	0.16	1.10	1.30
OWI1608F-150	15	100KHZ	0.26	0.90	0.92
OWI1608F-220	22	100KHZ	0.37	0.70	0.86
OWI1608F-270	27	100KHZ	0.44	0.65	0.80
OWI1608F-330	33	100KHZ	0.51	0.58	0.72
OWI1608F-470	47	100KHZ	0.75	0.50	0.56
OWI1608F-680	68	100KHZ	1.10	0.40	0.48
OWI1608F-101	100	100KHZ	1.56	0.31	0.40
OWI1608F-151	150	100KHZ	2.40	0.27	0.33
OWI1608F-221	220	100KHZ	3.60	0.22	0.27
OWI1608F-331	330	100KHZ	5.80	0.18	0.20
OWI1608F-471	470	100KHZ	7.25	0.16	0.18
OWI1608F-681	680	100KHZ	12.0	0.14	0.15
OWI1608F-102	1000	100KHZ	20.2	0.10	0.12

1. Inductance tested at 0.25V. Tolerance of inductance: 1.0uH~6.8uH: ±30%(N) 10uH~1000uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI3308F TYPE

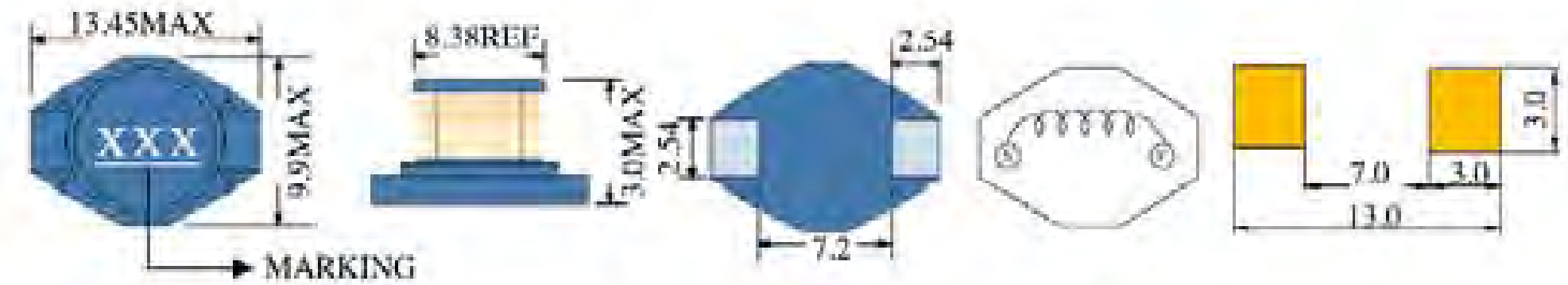


FEATURES

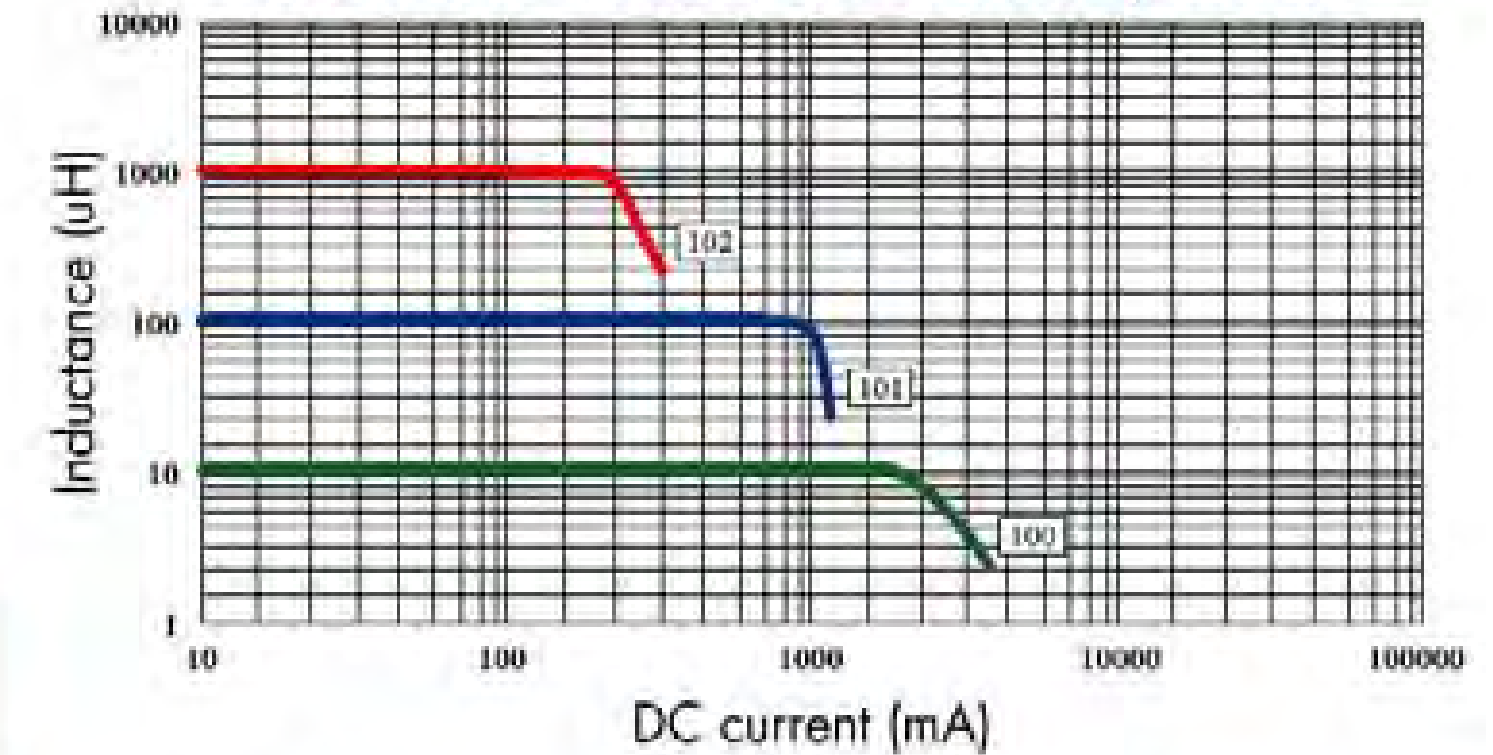
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

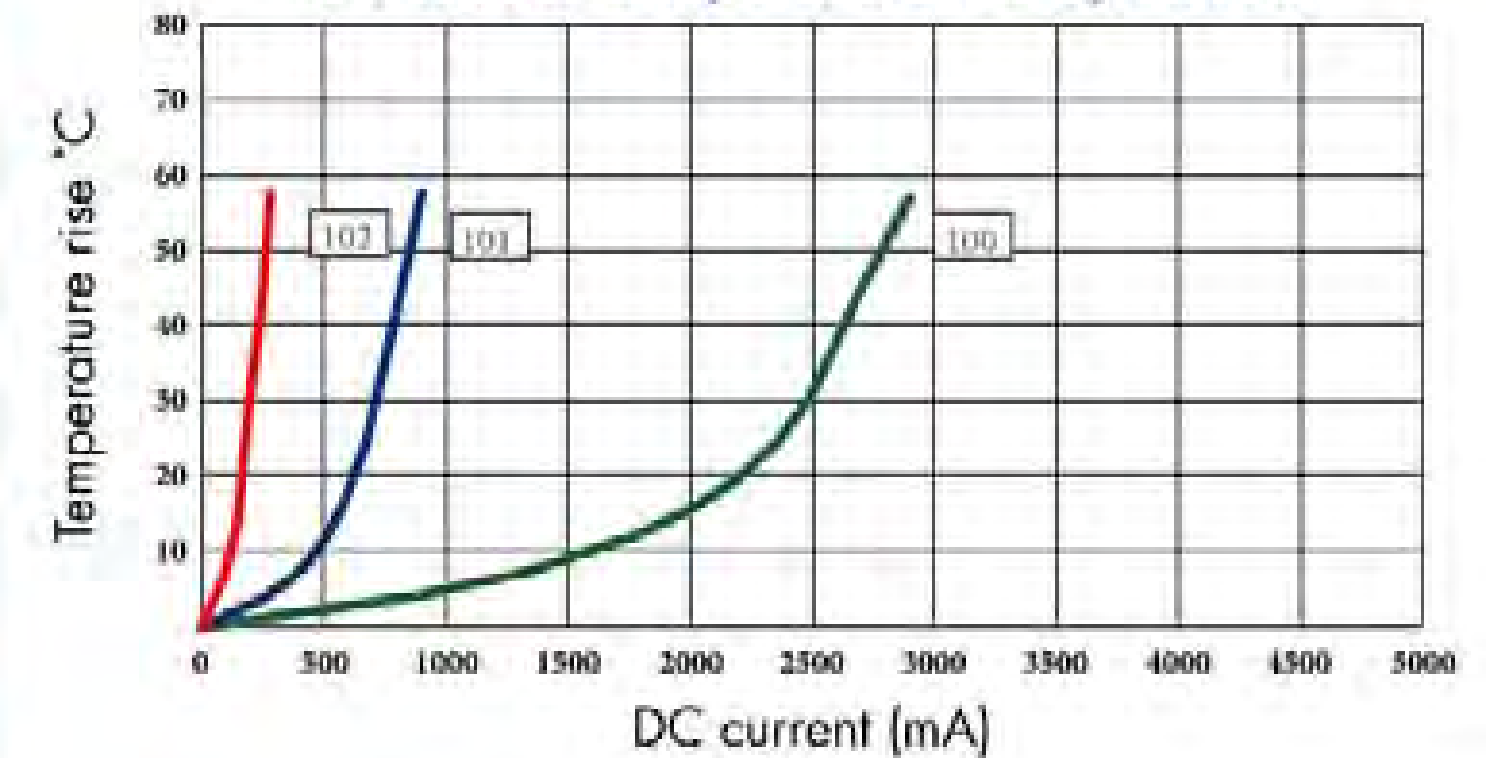
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWI3308F Inductance decrease by current



OWI3308F Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI3308F SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI3308F-100	10	100KHZ	0.11	2.4	2.48
OWI3308F-150	15	100KHZ	0.15	2.0	2.10
OWI3308F-220	22	100KHZ	0.23	1.6	1.64
OWI3308F-330	33	100KHZ	0.30	1.4	1.30
OWI3308F-470	47	100KHZ	0.39	1.0	1.00
OWI3308F-680	68	100KHZ	0.66	0.9	0.82
OWI3308F-101	100	100KHZ	0.84	0.7	0.70
OWI3308F-151	150	100KHZ	1.2	0.6	0.62
OWI3308F-221	220	100KHZ	1.9	0.5	0.48
OWI3308F-331	330	100KHZ	2.7	0.4	0.38
OWI3308F-471	470	100KHZ	4.0	0.3	0.28
OWI3308F-681	680	100KHZ	5.3	0.2	0.24
OWI3308F-102	1000	100KHZ	8.4	0.1	0.18

1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI3316F TYPE

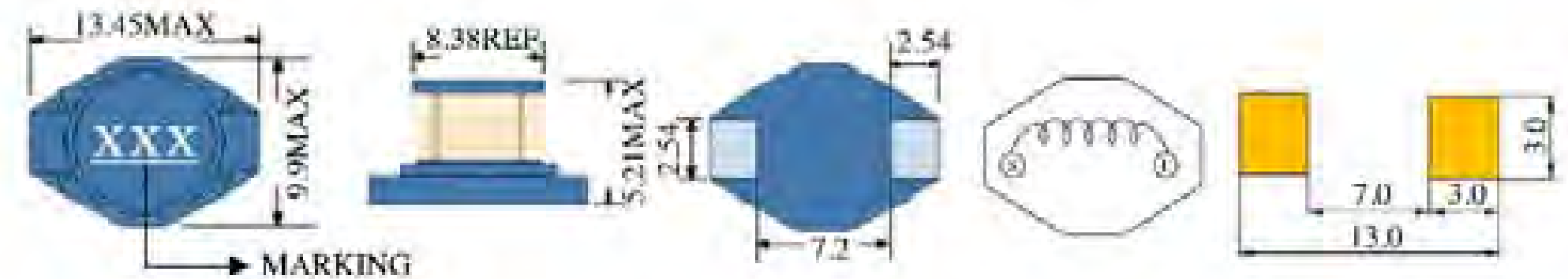


FEATURES

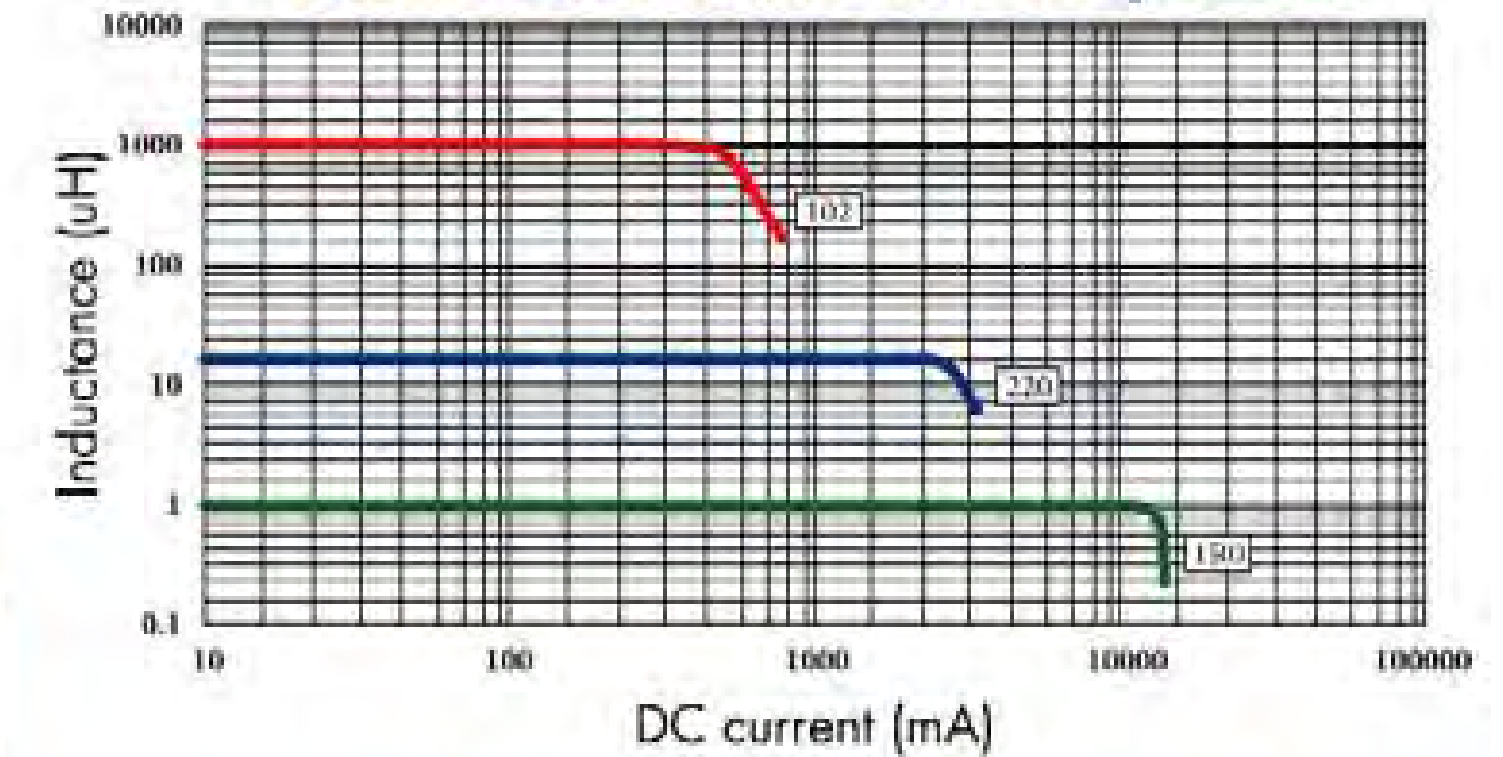
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

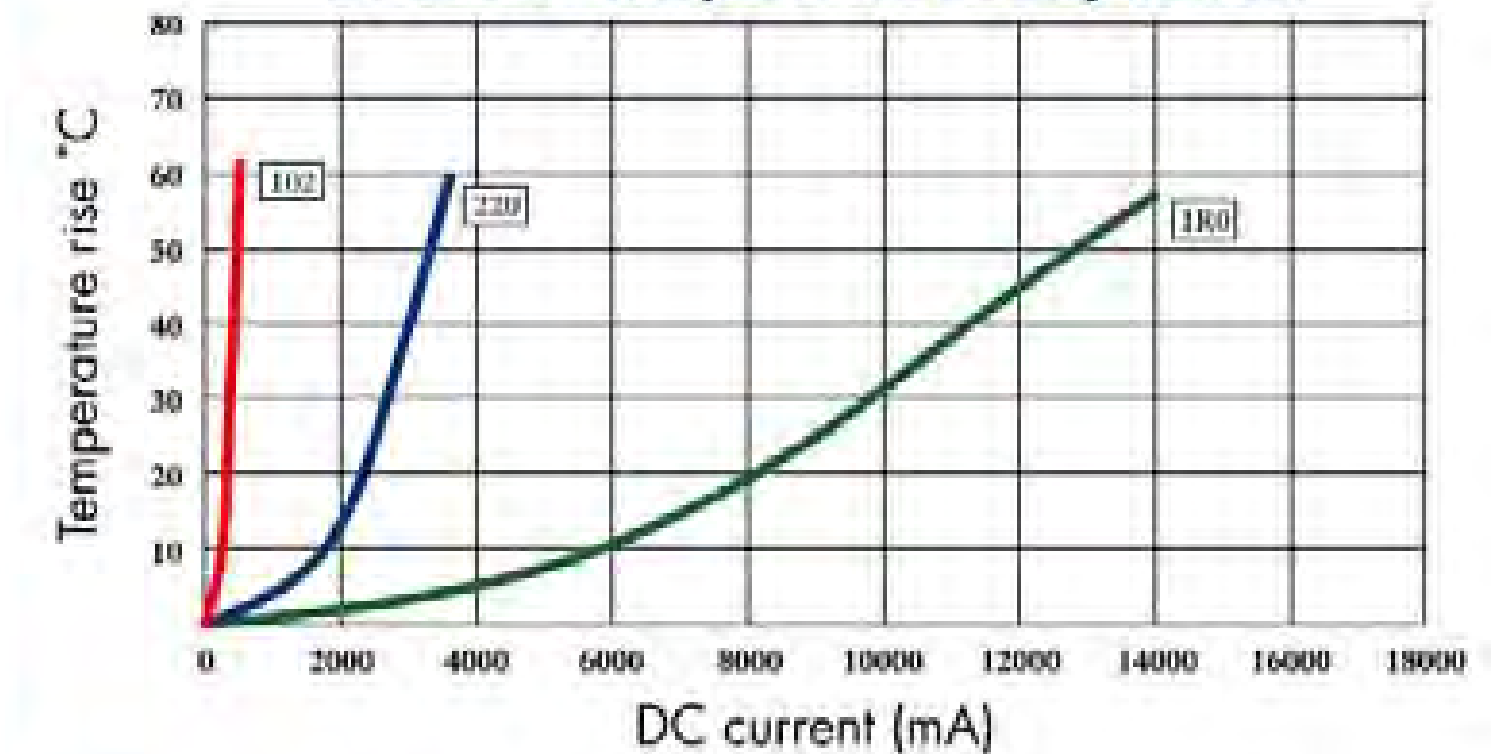
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWI3316F Inductance decrease by current



OWI3316F Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI3316F SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI3316F-1R0	1.0	100KHZ	9m	9.0	9.80
OWI3316F-1R5	1.5	100KHZ	10m	8.0	9.20
OWI3316F-2R2	2.2	100KHZ	13m	7.0	7.00
OWI3316F-3R3	3.3	100KHZ	15m	6.4	6.50
OWI3316F-4R7	4.7	100KHZ	18m	5.4	5.60
OWI3316F-6R8	6.8	100KHZ	27m	4.6	4.50
OWI3316F-100	10	100KHZ	38m	3.8	3.90
OWI3316F-150	15	100KHZ	56m	3.0	3.10
OWI3316F-220	22	100KHZ	85m	2.6	2.70
OWI3316F-330	33	100KHZ	0.10	2.0	2.10
OWI3316F-470	47	100KHZ	0.16	1.6	1.80
OWI3316F-680	68	100KHZ	0.22	1.4	1.50
OWI3316F-101	100	100KHZ	0.28	1.2	1.30
OWI3316F-151	150	100KHZ	0.40	1.0	1.00
OWI3316F-221	220	100KHZ	0.61	0.8	0.80
OWI3316F-331	330	100KHZ	1.02	0.6	0.68
OWI3316F-471	470	100KHZ	1.27	0.5	0.60
OWI3316F-681	680	100KHZ	2.20	0.4	0.42
OWI3316F-102	1000	100KHZ	3.00	0.3	0.34

1. Inductance tested at 0.25V. Tolerance of inductance:
1.0uH~3.3uH: ±30%(N) 4.7uH~1000uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp. change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI3326F TYPE

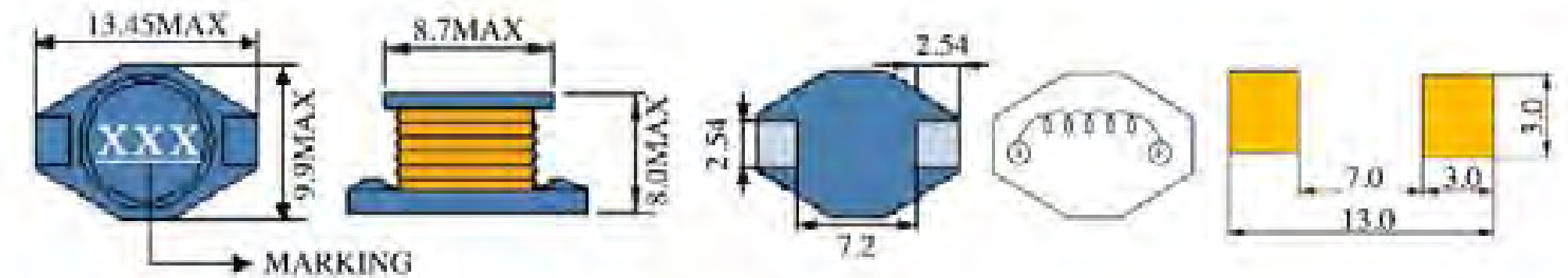


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

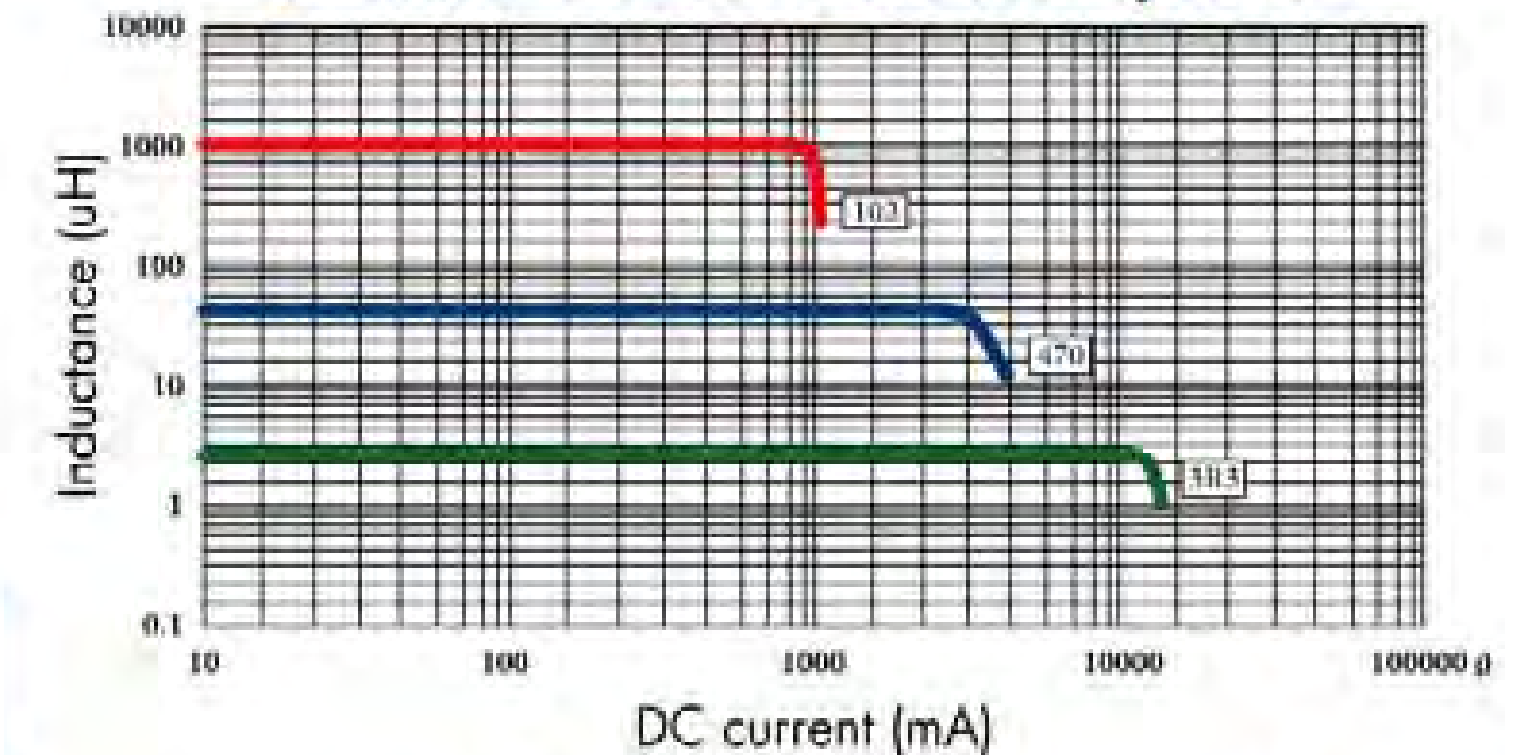
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



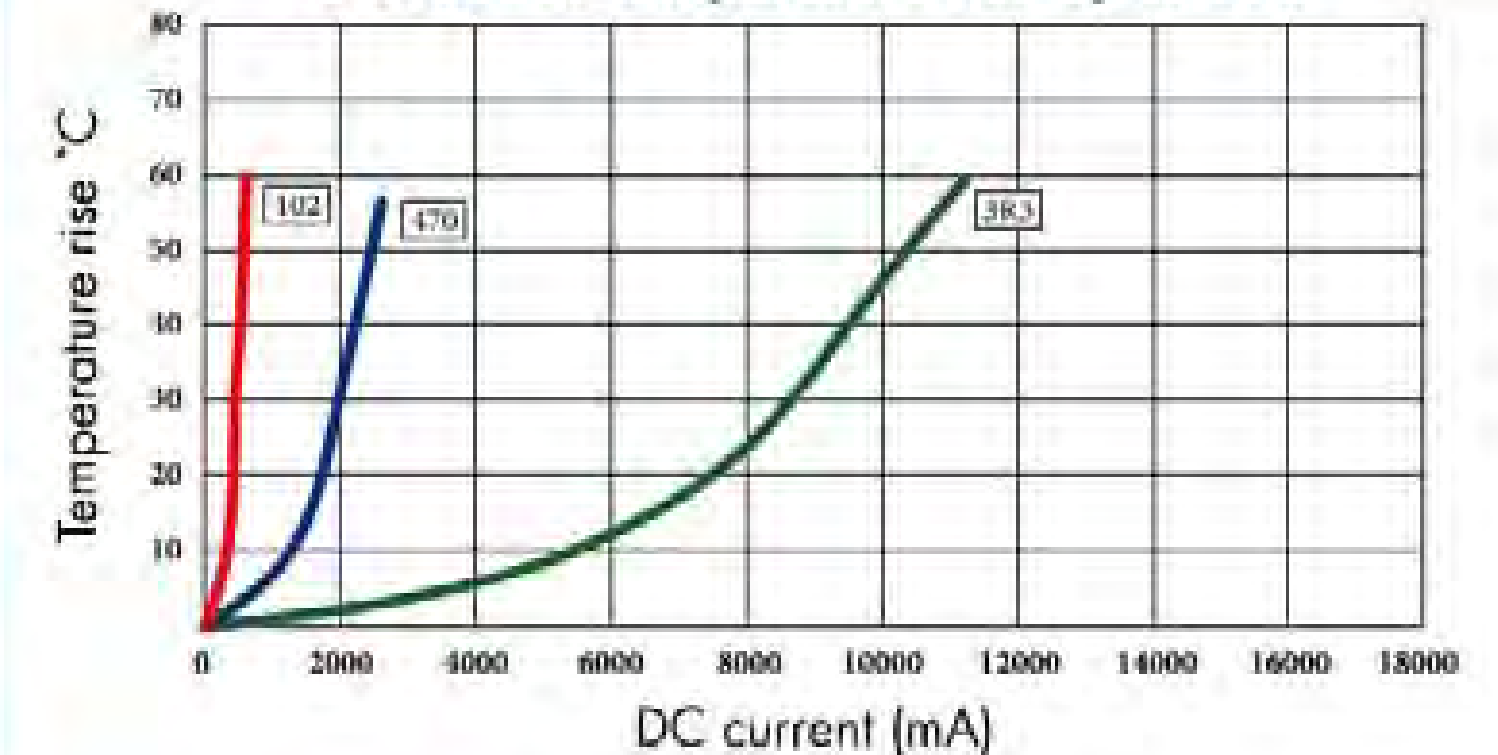
ELECTRICAL CHARACTERISTICS FOR OWI3326F SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI3326F-3R3	3.3	100KHZ	14m	10.0	8.3
OWI3326F-4R7	4.7	100KHZ	18m	9.5	7.2
OWI3326F-6R8	6.8	100KHZ	23m	9.0	6.0
OWI3326F-100	10	100KHZ	31m	8.2	5.0
OWI3326F-150	15	100KHZ	47m	6.5	4.0
OWI3326F-220	22	100KHZ	67m	5.2	3.0
OWI3326F-330	33	100KHZ	0.10	4.3	2.5
OWI3326F-470	47	100KHZ	0.15	3.5	2.0
OWI3326F-680	68	100KHZ	0.20	3.0	1.7
OWI3326F-101	100	100KHZ	0.28	2.5	1.4
OWI3326F-151	150	100KHZ	0.43	2.0	1.1
OWI3326F-221	220	100KHZ	0.60	1.6	0.86
OWI3326F-331	330	100KHZ	0.88	1.4	0.70
OWI3326F-471	470	100KHZ	1.25	1.1	0.60
OWI3326F-681	680	100KHZ	1.80	0.9	0.54
OWI3326F-102	1000	100KHZ	2.70	0.7	0.45

OWI3326F Inductance decrease by current



OWI3326F Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25°C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40°C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI3340F TYPE

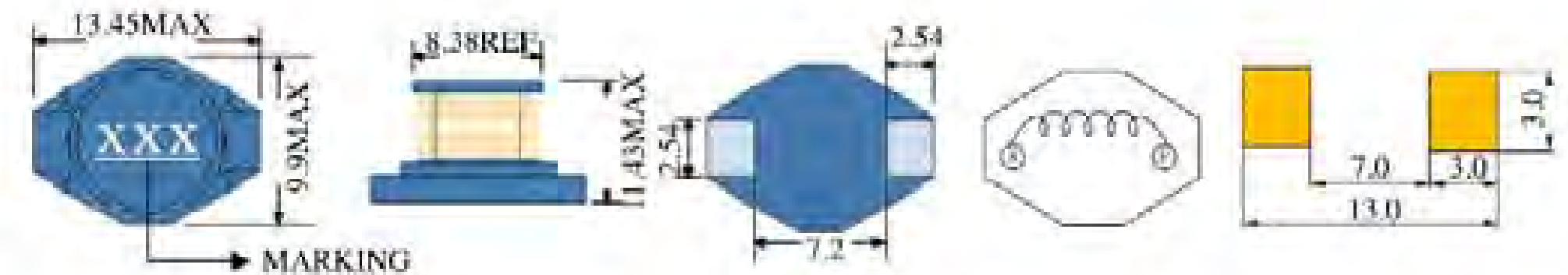


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

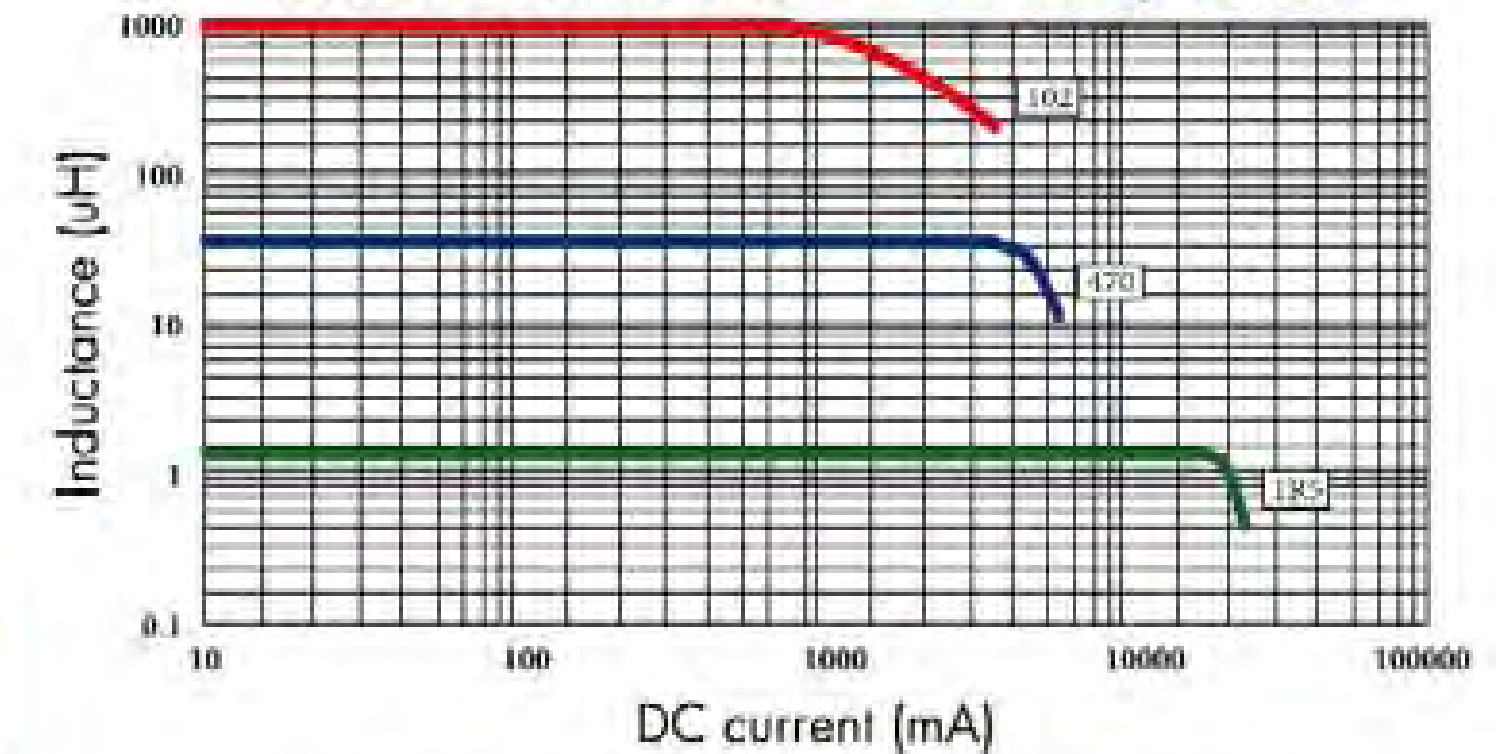
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



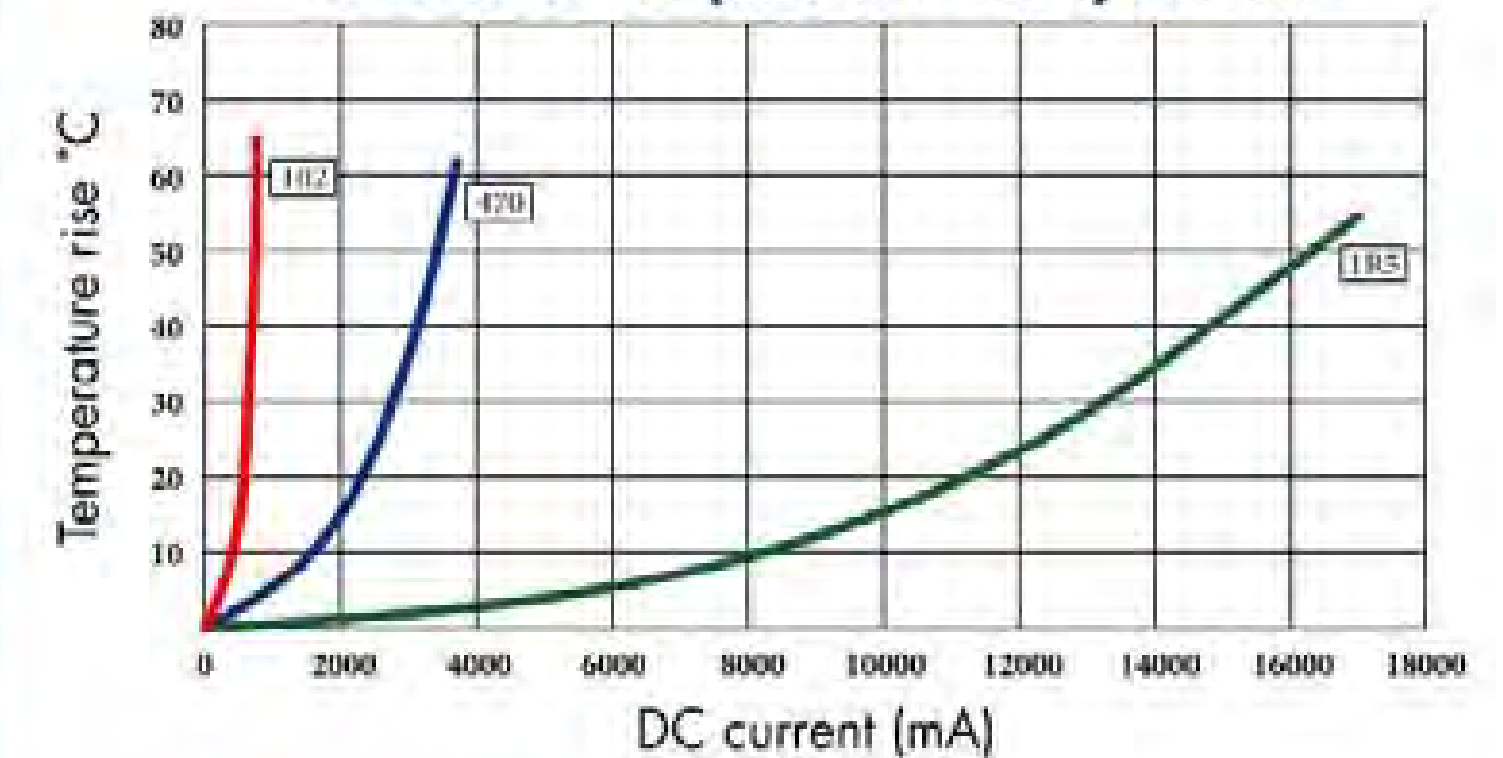
ELECTRICAL CHARACTERISTICS FOR OWI3340F SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI3340F-1R5	1.5	100KHZ	11m	18	13.5
OWI3340F-2R2	2.2	100KHZ	15m	14	11.5
OWI3340F-3R3	3.3	100KHZ	12m	15	10.5
OWI3340F-4R7	4.7	100KHZ	25m	10	8.50
OWI3340F-6R8	6.8	100KHZ	30m	9.5	6.10
OWI3340F-8R0	8.0	100KHZ	35m	9.0	5.60
OWI3340F-100	10	100KHZ	40m	8.0	5.40
OWI3340F-150	15	100KHZ	50m	7.0	4.50
OWI3340F-220	22	100KHZ	66m	5.5	3.80
OWI3340F-330	33	100KHZ	80m	4.0	3.30
OWI3340F-470	47	100KHZ	110m	3.8	2.80
OWI3340F-680	68	100KHZ	170m	3.0	2.10
OWI3340F-101	100	100KHZ	220m	2.5	1.80
OWI3340F-151	150	100KHZ	340m	2.0	1.50
OWI3340F-221	220	100KHZ	440m	1.6	1.20
OWI3340F-331	330	100KHZ	700m	1.2	1.00
OWI3340F-471	470	100KHZ	1.1	1.0	0.71
OWI3340F-681	680	100KHZ	1.2	1.0	0.64
OWI3340F-102	1000	100KHZ	2.0	0.8	0.58

OWI3340F Inductance decrease by current



OWI3340F Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp. change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI5022F TYPE

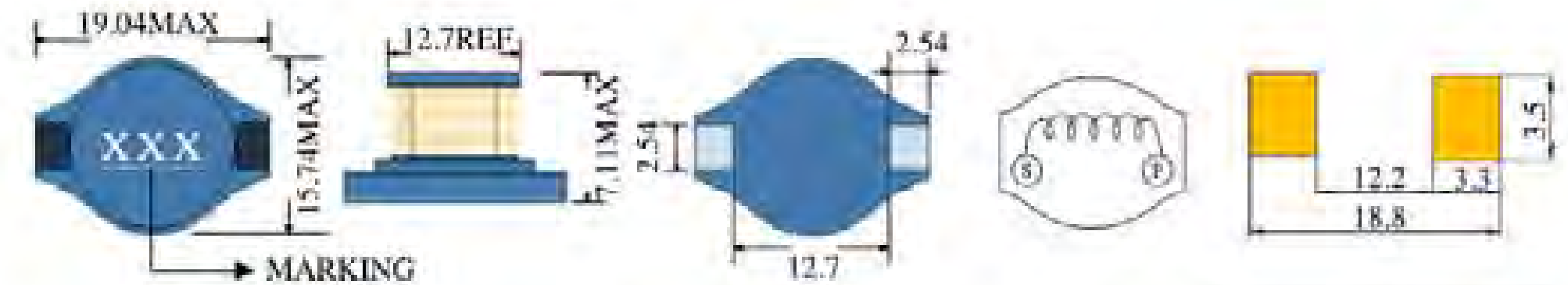


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

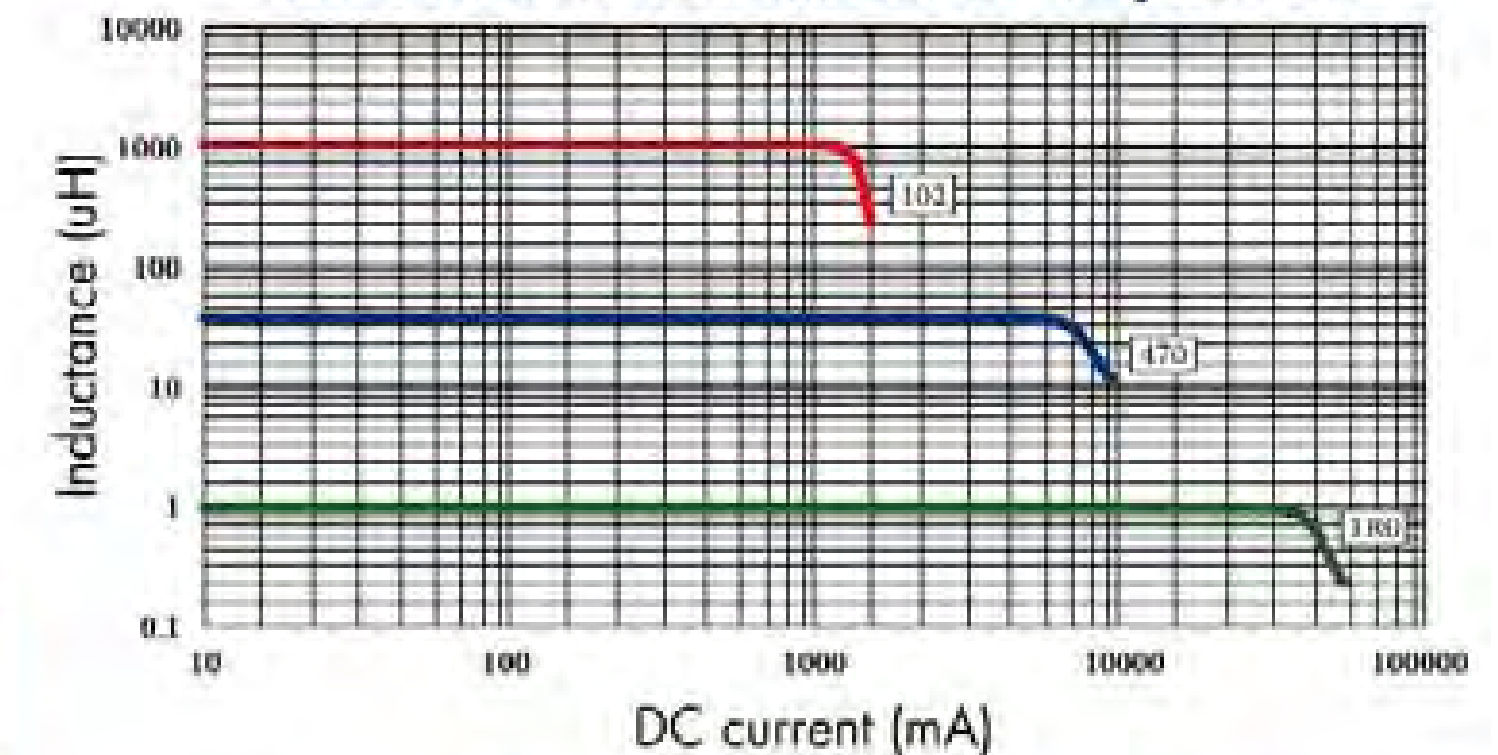
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



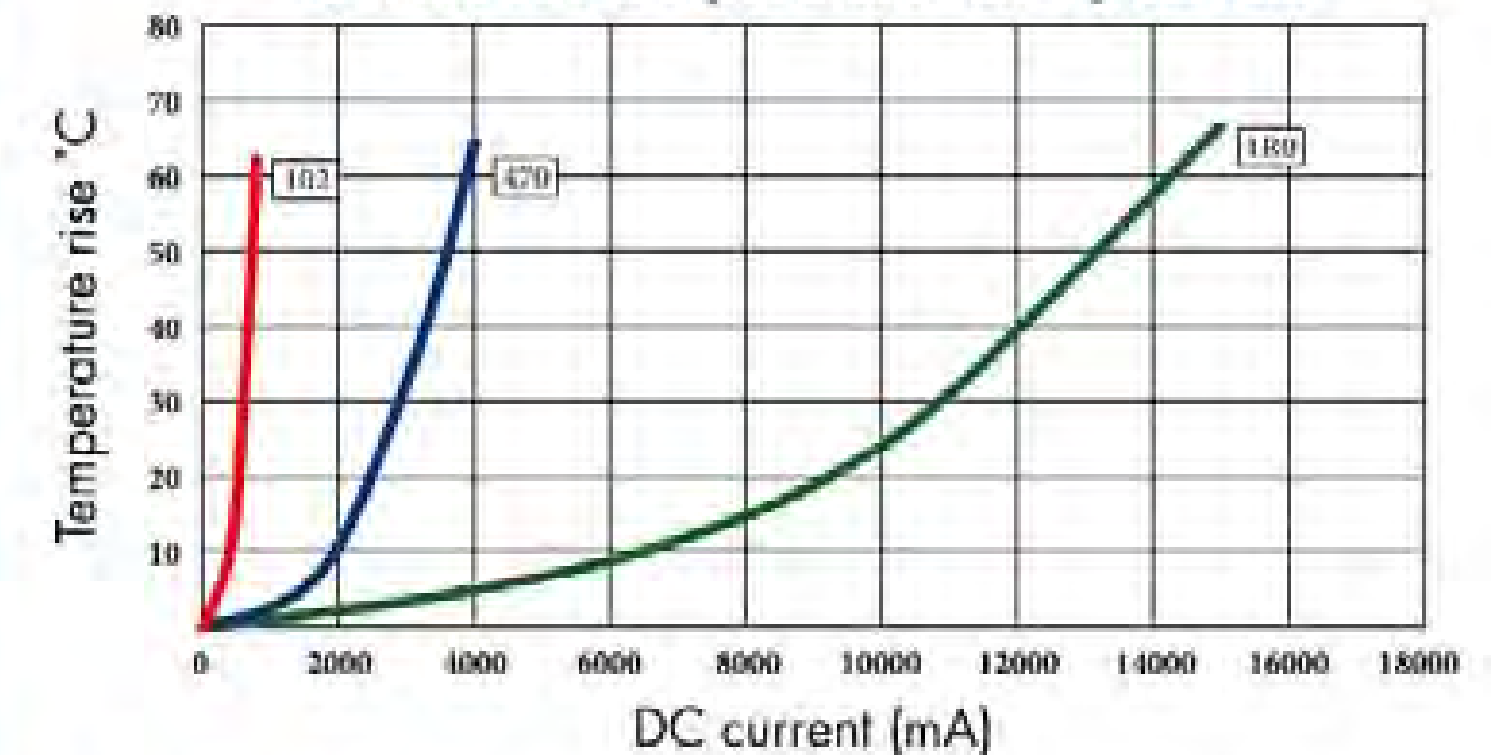
ELECTRICAL CHARACTERISTICS FOR OWI5022F SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI5022F-1R0	1.0	100KHZ	9m	20.0	10.5
OWI5022F-2R2	2.2	100KHZ	14m	16.0	9.00
OWI5022F-3R3	3.3	100KHZ	15m	14.0	8.00
OWI5022F-4R7	4.7	100KHZ	19m	13.0	7.10
OWI5022F-5R6	5.6	100KHZ	20m	12.0	6.30
OWI5022F-6R8	6.8	100KHZ	25m	11.5	5.60
OWI5022F-100	10	100KHZ	31m	10.0	5.20
OWI5022F-150	15	100KHZ	36m	8.0	4.50
OWI5022F-220	22	100KHZ	47m	7.0	3.90
OWI5022F-330	33	100KHZ	66m	5.5	3.30
OWI5022F-470	47	100KHZ	86m	4.5	2.80
OWI5022F-680	68	100KHZ	0.13	3.5	2.36
OWI5022F-101	100	100KHZ	0.19	3.0	1.95
OWI5022F-151	150	100KHZ	0.25	2.6	1.60
OWI5022F-221	220	100KHZ	0.38	2.4	1.20
OWI5022F-331	330	100KHZ	0.56	1.9	1.00
OWI5022F-471	470	100KHZ	0.85	1.4	0.80
OWI5022F-681	680	100KHZ	1.24	1.2	0.68
OWI5022F-102	1000	100KHZ	1.80	1.0	0.58

OWI5022F Inductance decrease by current



OWI5022F Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
1.0uH~3.3uH: ±30%(N) 4.7uH~1000uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI5040F TYPE

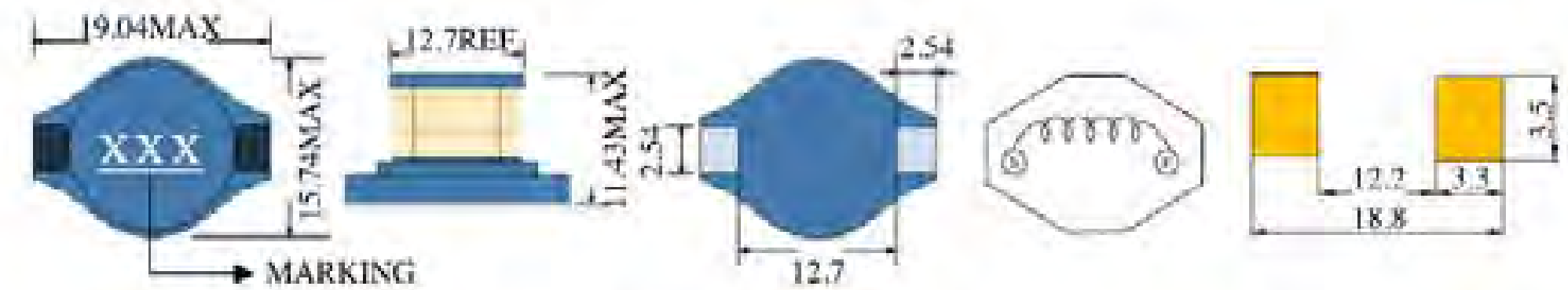


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

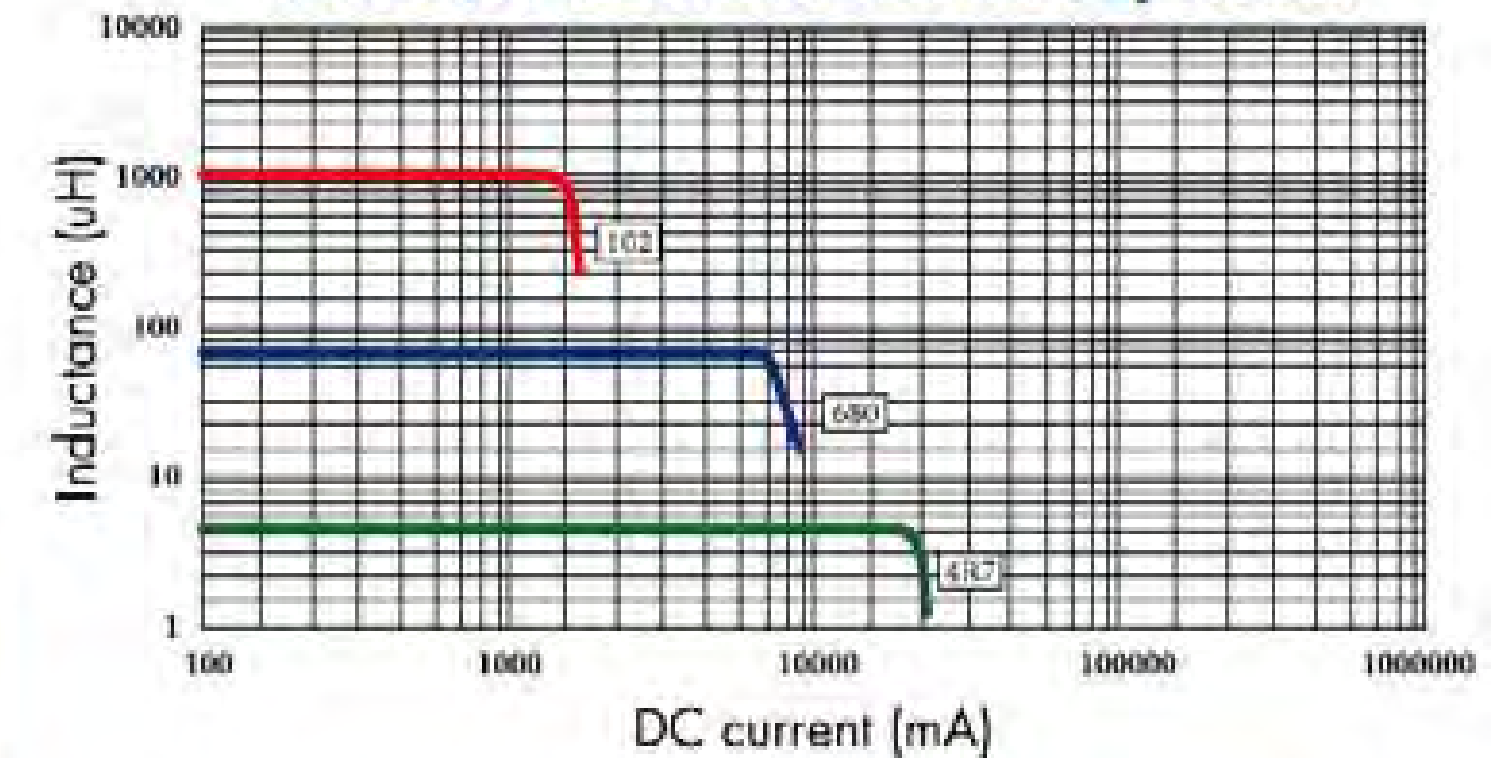
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



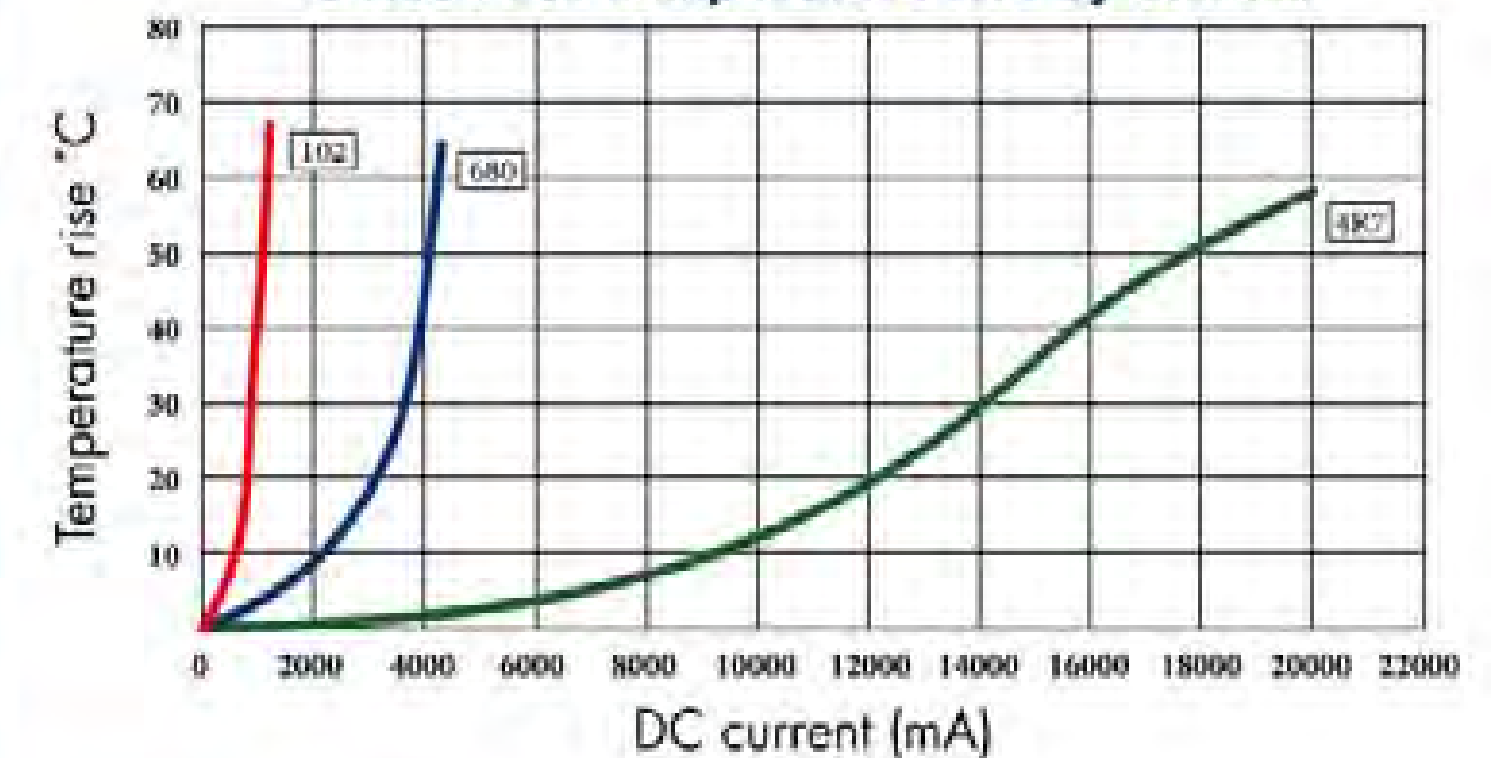
ELECTRICAL CHARACTERISTICS FOR OWI5040F SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI5040F-4R7	4.7	100KHZ	8.5m	24.0	14.0
OWI5040F-5R6	5.6	100KHZ	9.8m	20.3	12.5
OWI5040F-6R8	6.8	100KHZ	11.5m	18.5	11.2
OWI5040F-100	10	100KHZ	15.7m	16.7	9.50
OWI5040F-150	15	100KHZ	23.5m	13.0	8.00
OWI5040F-220	22	100KHZ	34.2m	10.6	6.50
OWI5040F-330	33	100KHZ	51.2m	8.6	5.00
OWI5040F-470	47	100KHZ	71.4m	7.0	4.00
OWI5040F-680	68	100KHZ	100m	6.5	3.20
OWI5040F-101	100	100KHZ	146m	5.0	2.80
OWI5040F-151	150	100KHZ	216m	4.0	2.30
OWI5040F-221	220	100KHZ	310m	3.3	1.80
OWI5040F-331	330	100KHZ	450m	2.7	1.50
OWI5040F-471	470	100KHZ	600m	2.2	1.20
OWI5040F-681	680	100KHZ	890m	1.9	1.00
OWI5040F-101	100	100KHZ	1280m	1.5	0.88

OWI5040F Inductance decrease by current



OWI5040F Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI1813FH TYPE

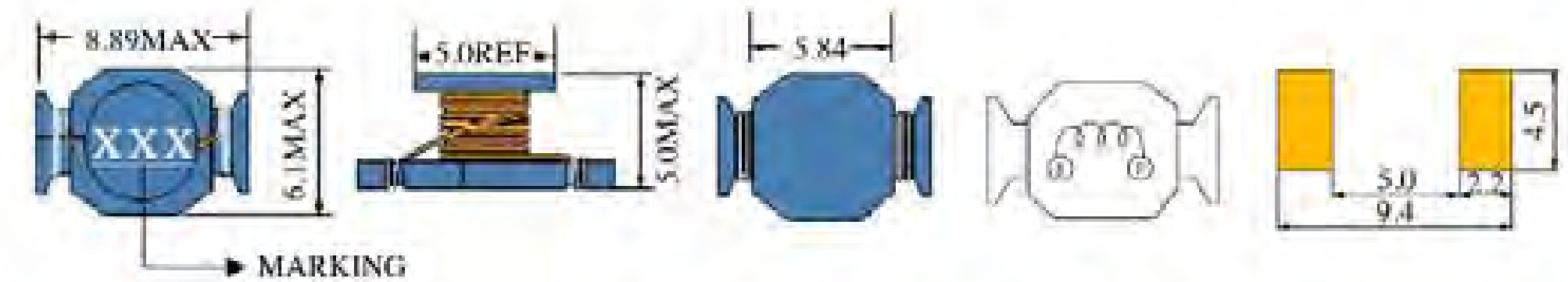


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

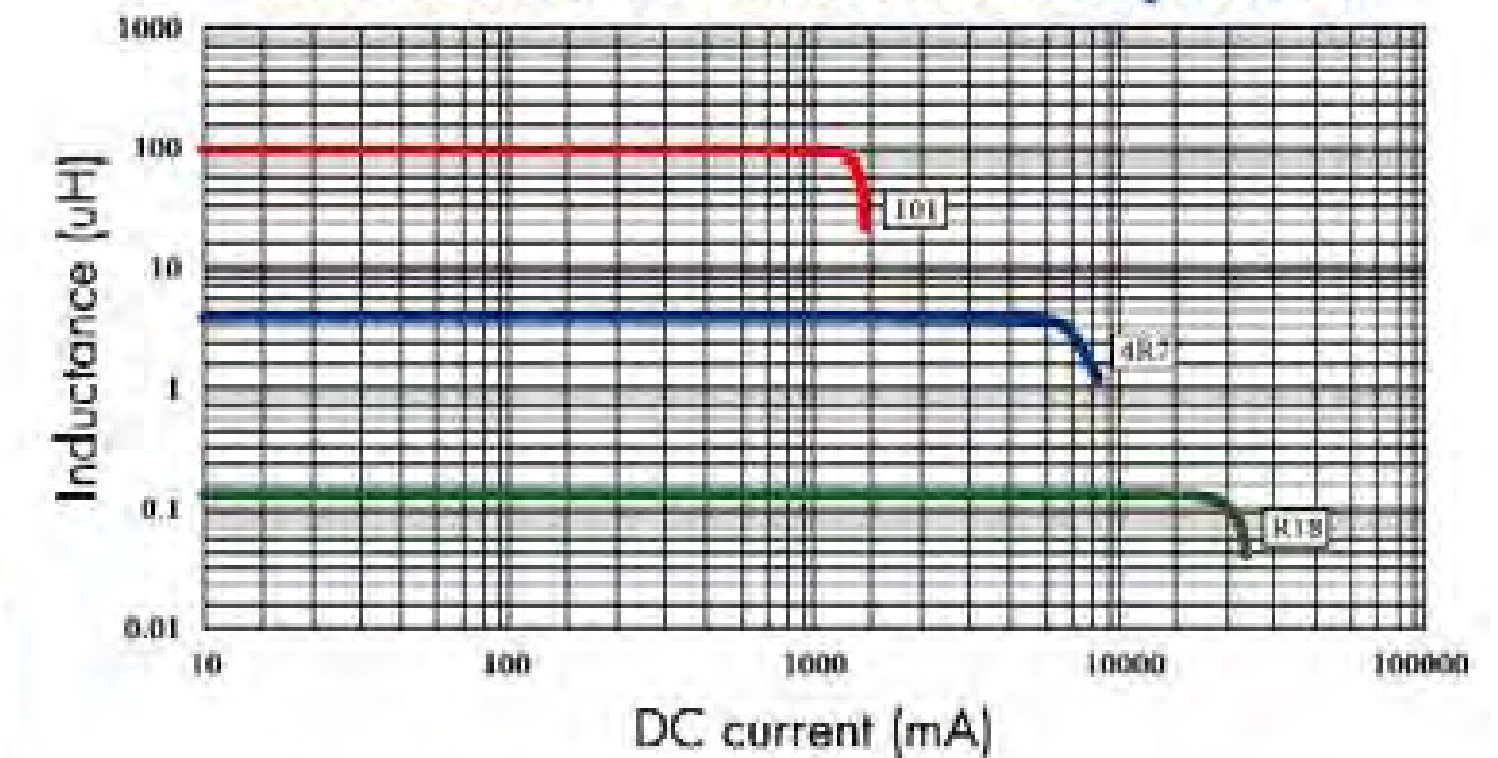
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



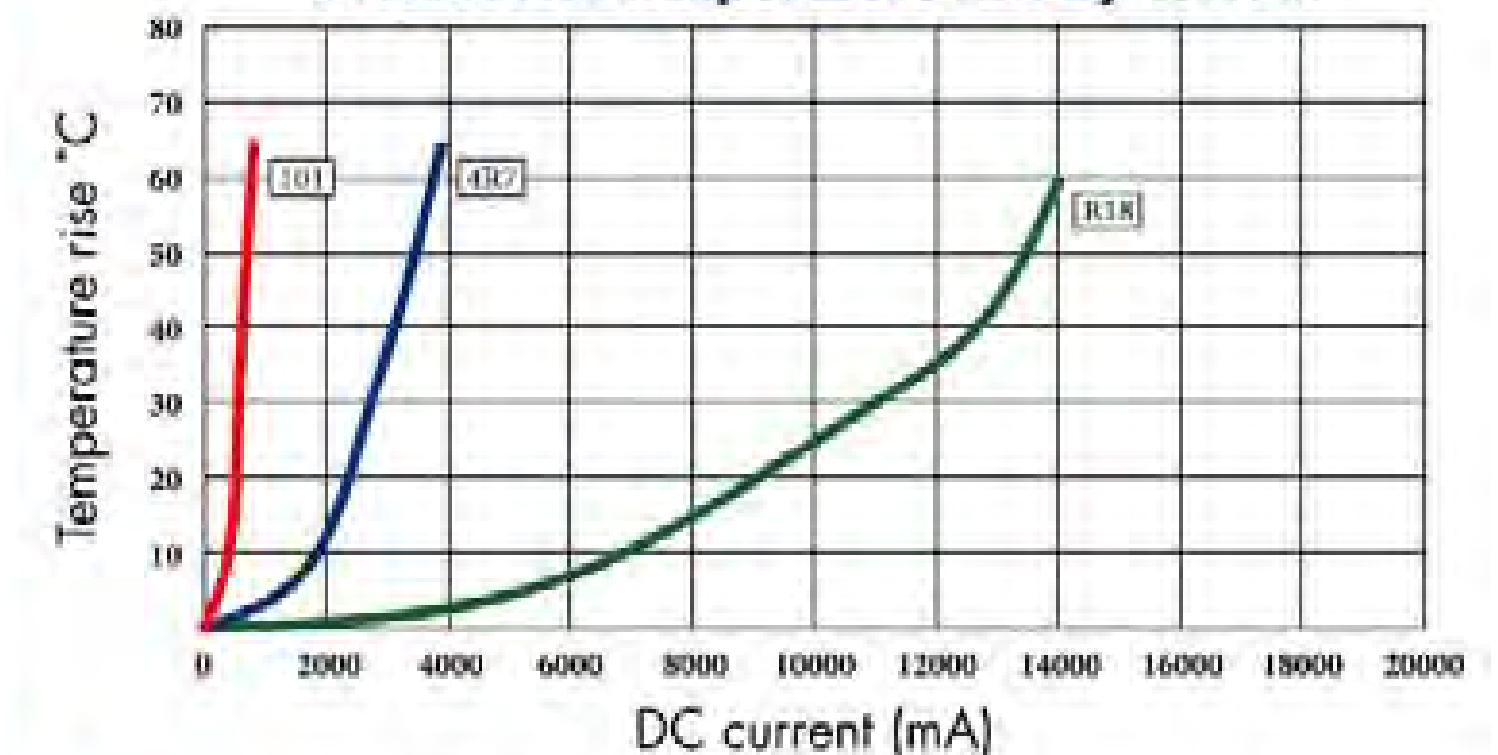
ELECTRICAL CHARACTERISTICS FOR OWI1813FH SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI1813FH-R18	0.18	100KHZ	4.5m	14.00	11.2
OWI1813FH-R33	0.33	100KHZ	5.2m	10.00	10.0
OWI1813FH-R47	0.47	100KHZ	9.5m	8.00	8.00
OWI1813FH-R56	0.56	100KHZ	10m	7.70	7.00
OWI1813FH-1R2	1.2	100KHZ	17m	5.30	4.50
OWI1813FH-1R6	1.6	100KHZ	25m	4.50	4.20
OWI1813FH-2R2	2.2	100KHZ	35m	3.50	3.80
OWI1813FH-3R3	3.3	100KHZ	43m	3.00	3.30
OWI1813FH-4R7	4.7	100KHZ	54m	2.60	2.70
OWI1813FH-6R8	6.8	100KHZ	80m	2.20	2.20
OWI1813FH-100	10	100KHZ	0.11	1.90	1.80
OWI1813FH-150	15	100KHZ	0.17	1.50	1.40
OWI1813FH-220	22	100KHZ	0.25	1.20	1.20
OWI1813FH-330	33	100KHZ	0.35	0.90	0.92
OWI1813FH-470	47	100KHZ	0.47	0.87	0.80
OWI1813FH-680	68	100KHZ	0.73	0.67	0.66
OWI1813FH-101	100	100KHZ	1.11	0.53	0.54

OWI1813FH Inductance decrease by current



OWI1813FH Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
0.18μH~1.6μH: ±30%(N) 2.2μH~100μH: ±20%(M)
2. DCR test temp. limits 25°C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp. change as Δt=40°C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI3316FH TYPE

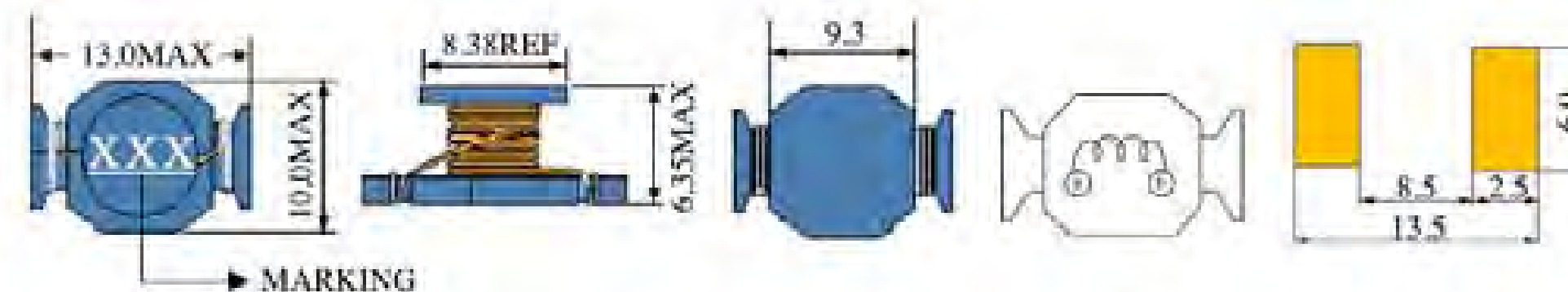


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

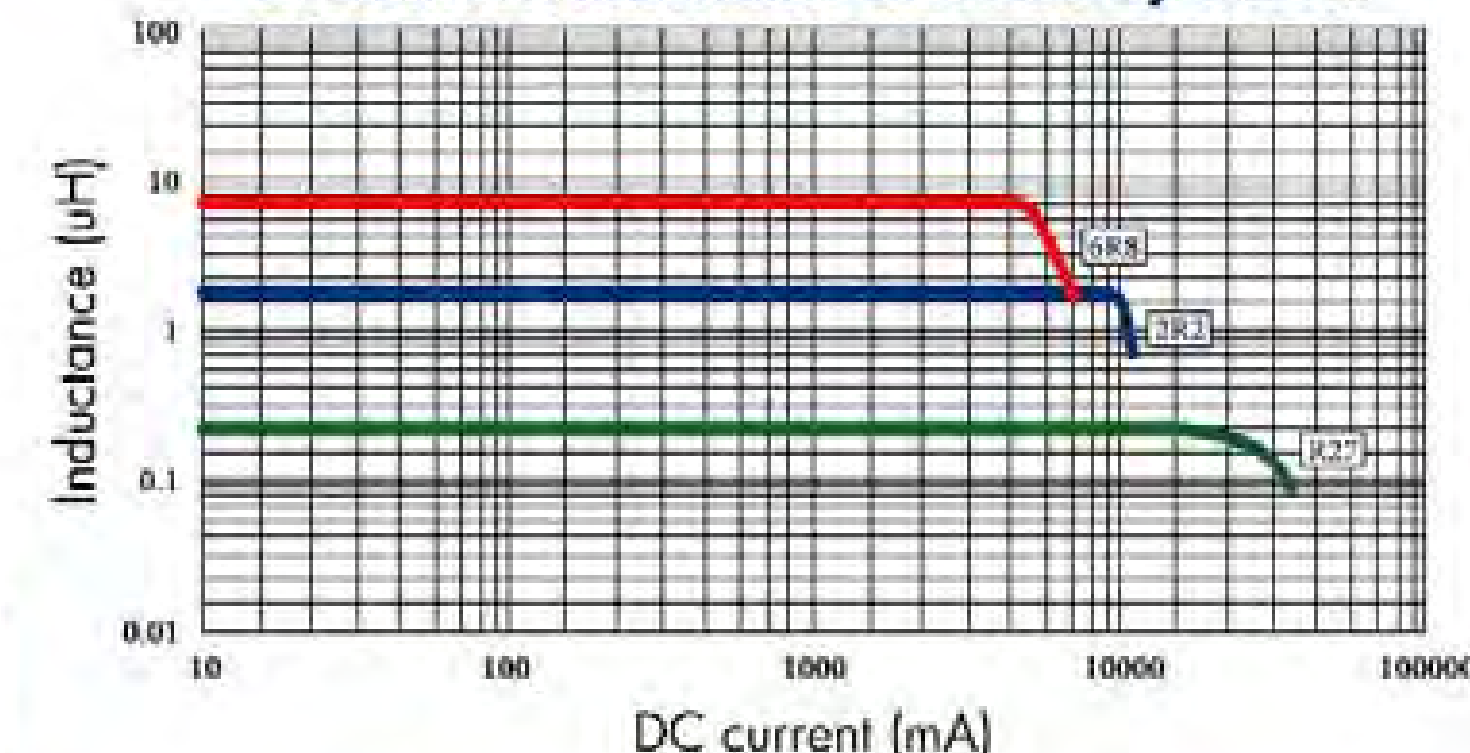
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



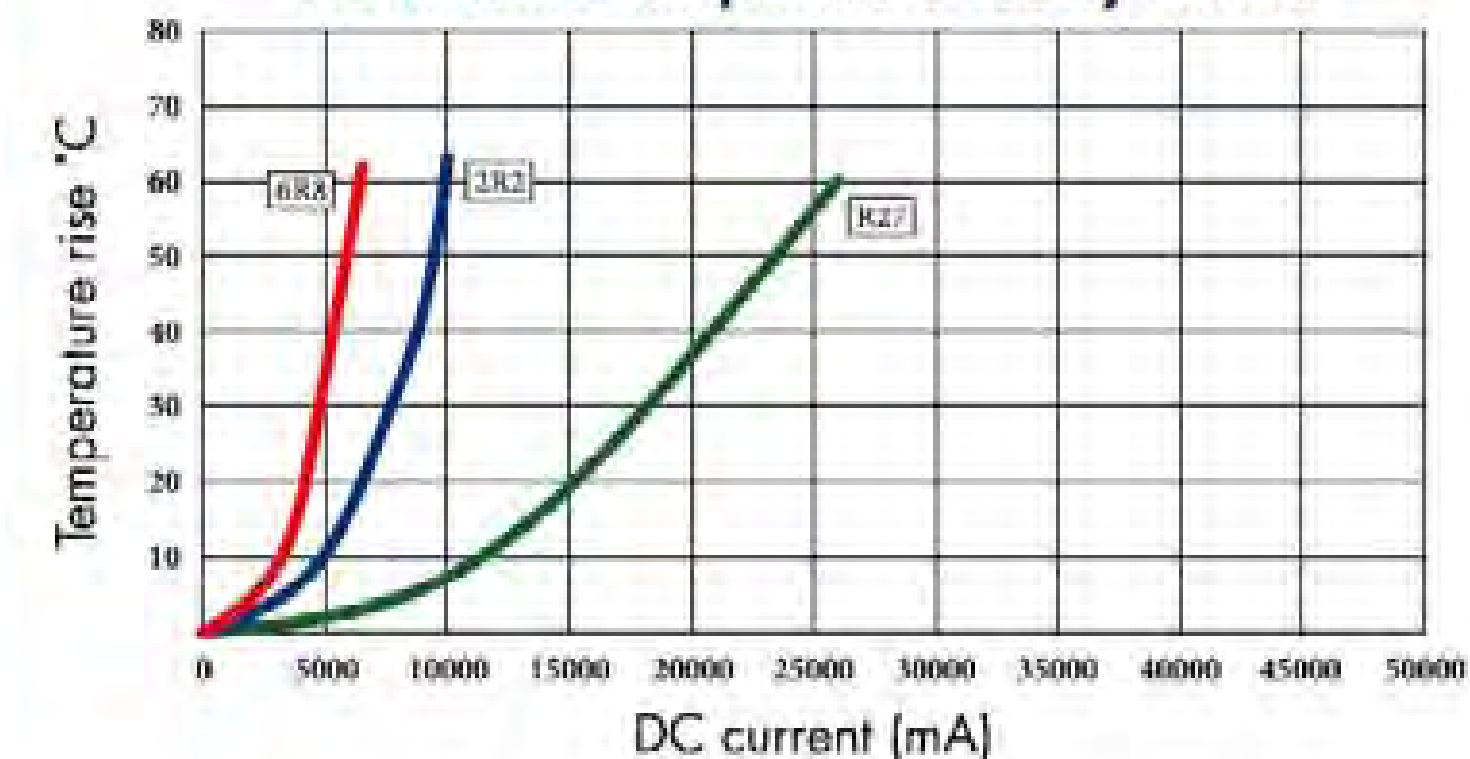
ELECTRICAL CHARACTERISTICS FOR OWI3316FH SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI3316FH-R27	0.27	100KHZ	2m	20.0	17.8
OWI3316FH-R56	0.56	100KHZ	5m	13.0	11.5
OWI3316FH-1R0	1.0	100KHZ	6m	11.0	10.5
OWI3316FH-1R5	1.5	100KHZ	8m	9.0	8.5
OWI3316FH-2R2	2.2	100KHZ	11m	7.8	7.4
OWI3316FH-2R7	2.7	100KHZ	12m	7.0	6.4
OWI3316FH-3R3	3.3	100KHZ	14m	6.4	6.4
OWI3316FH-4R7	4.7	100KHZ	18m	5.4	5.4
OWI3316FH-6R8	6.8	100KHZ	22m	5.0	4.5

OWI3316FH Inductance decrease by current



OWI3316FH Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
0.27μH~3.3μH: ±30%(N) 4.7μH~6.8μH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI4020FH TYPE



FEATURES

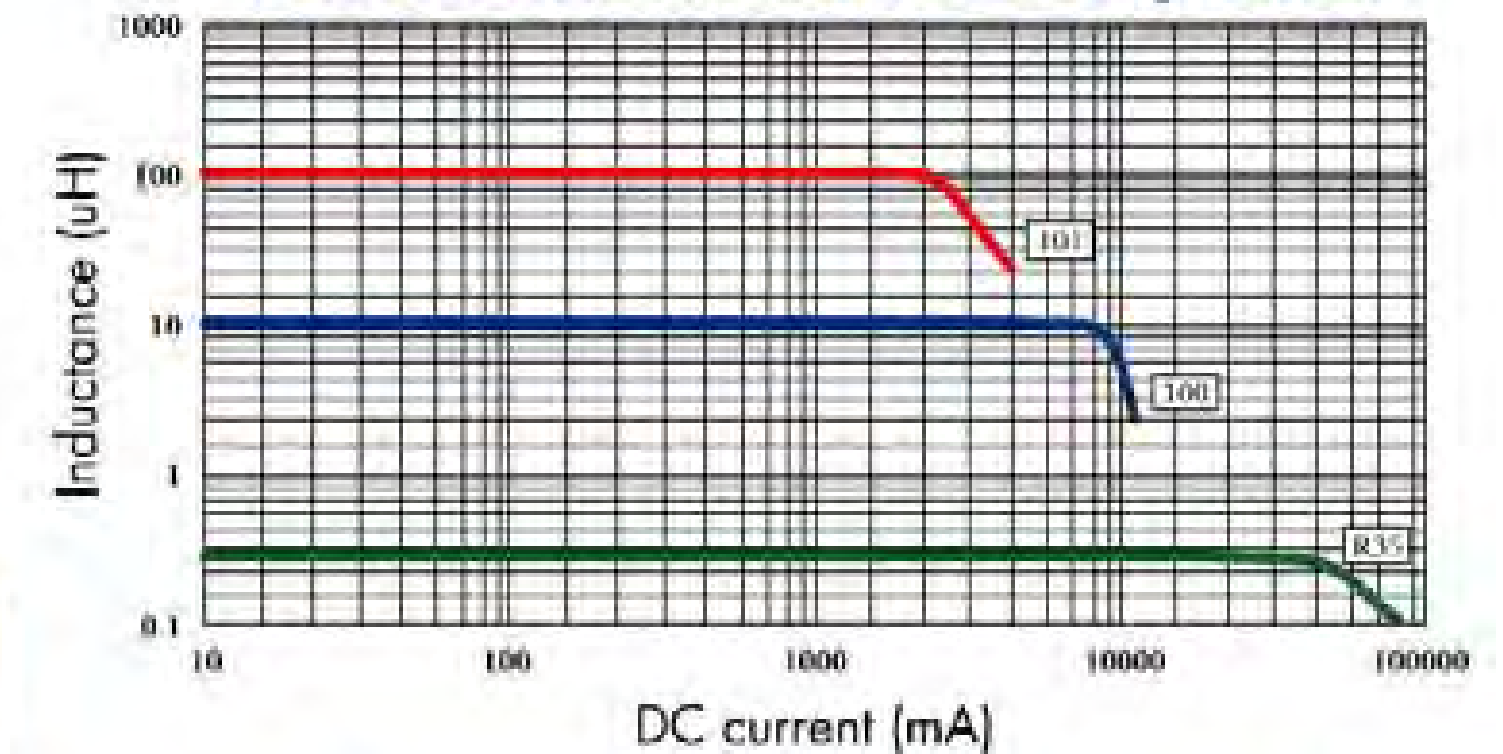
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

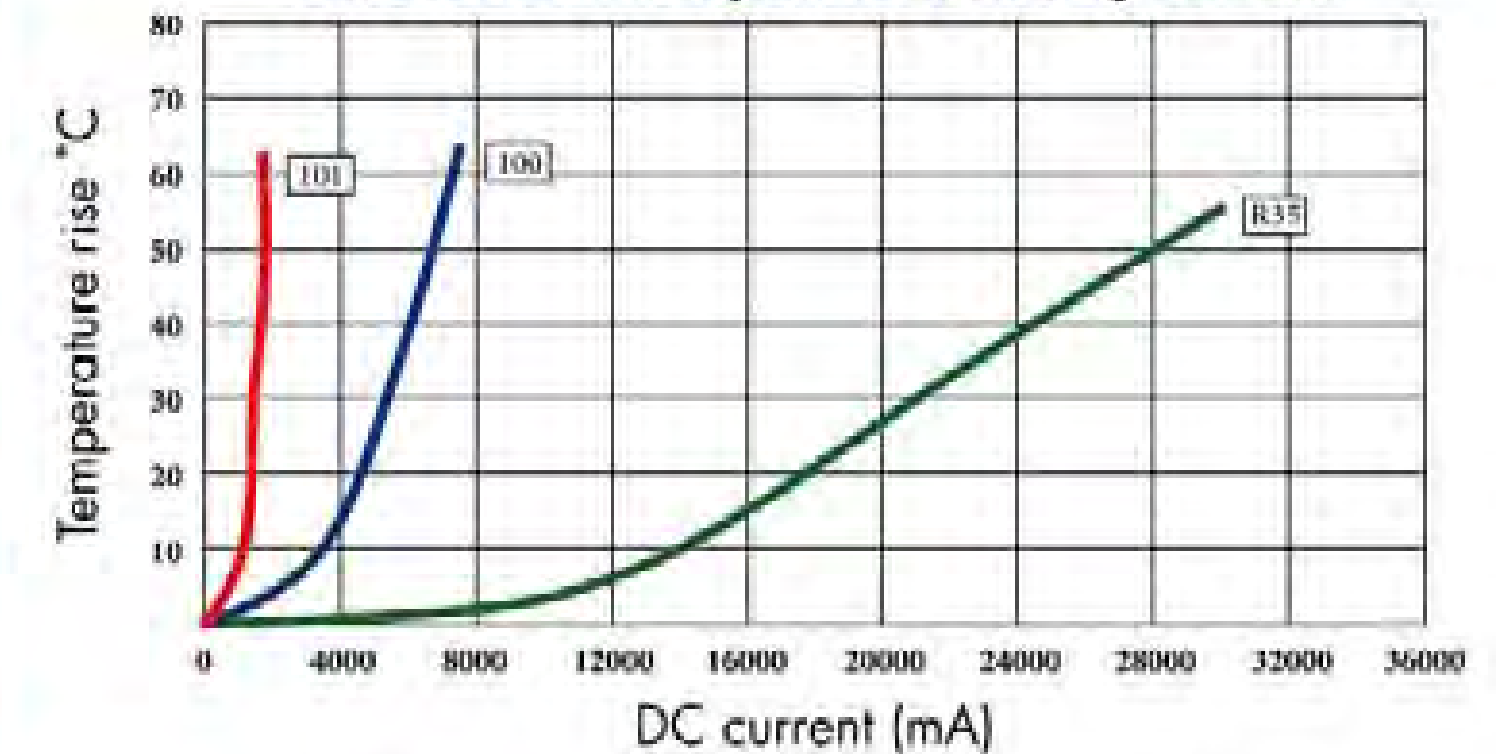
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWI4020FH Inductance decrease by current



OWI4020FH Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI4020FH SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI4020FH-R35	0.35	100KHZ	2.5m	25.1	20.0
OWI4020FH-1R0	1.0	100KHZ	4.3m	15.3	15.0
OWI4020FH-1R5	1.5	100KHZ	5.9m	12.0	13.5
OWI4020FH-2R2	2.2	100KHZ	7.5m	10.2	11.0
OWI4020FH-2R8	2.8	100KHZ	10m	9.3	9.60
OWI4020FH-4R7	4.7	100KHZ	15m	7.7	7.70
OWI4020FH-6R8	6.8	100KHZ	22m	6.2	6.20
OWI4020FH-100	10	100KHZ	27m	5.2	5.20
OWI4020FH-150	15	100KHZ	45m	4.3	4.10
OWI4020FH-220	22	100KHZ	63m	3.7	3.50
OWI4020FH-330	33	100KHZ	102m	3.0	2.80
OWI4020FH-470	47	100KHZ	132m	2.4	2.10
OWI4020FH-680	68	100KHZ	185m	2.0	1.90
OWI4020FH-101	100	100KHZ	265m	1.8	1.45

1. Inductance tested at 0.25V. Tolerance of inductance:
0.35uH~2.8uH: ±30%(N) 4.7uH~100uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI5022FH TYPE



FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

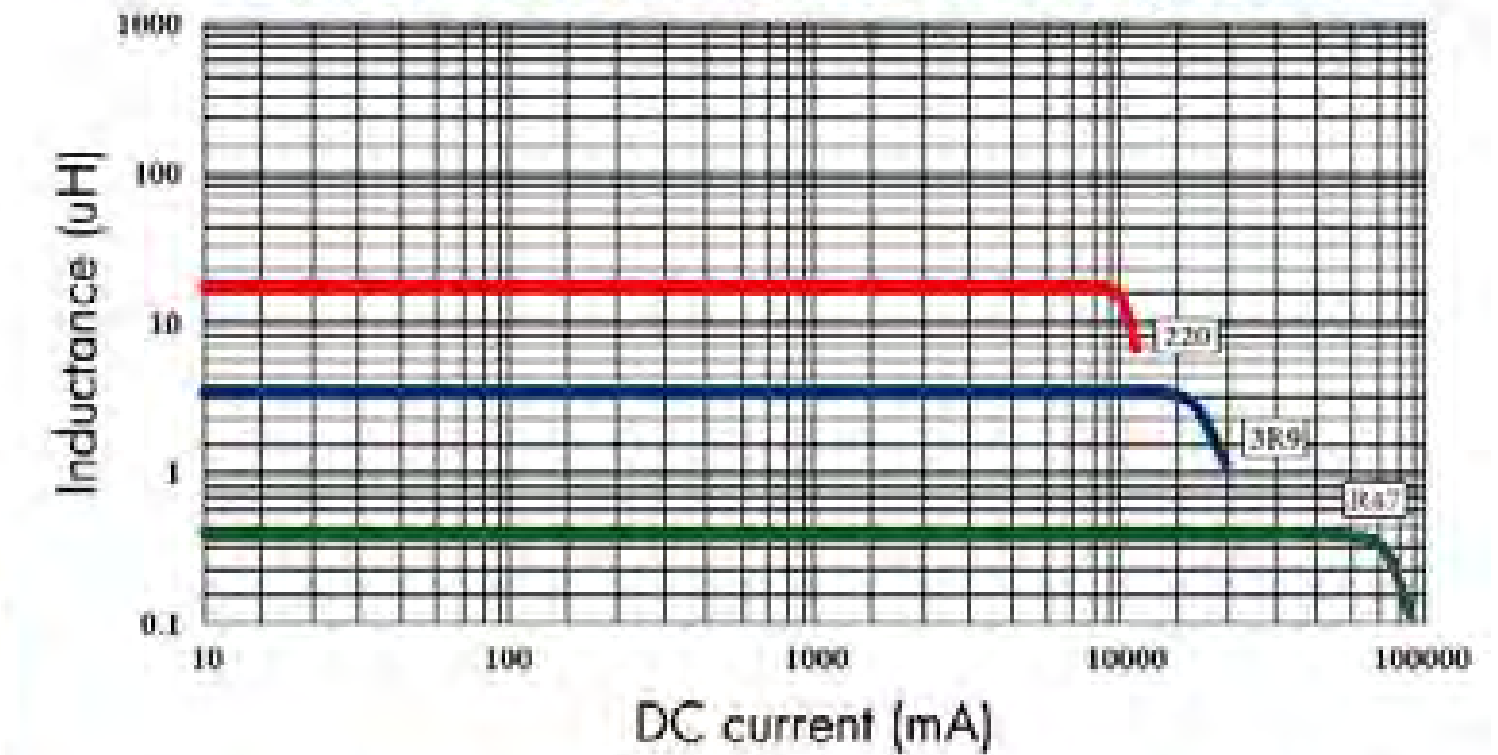
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



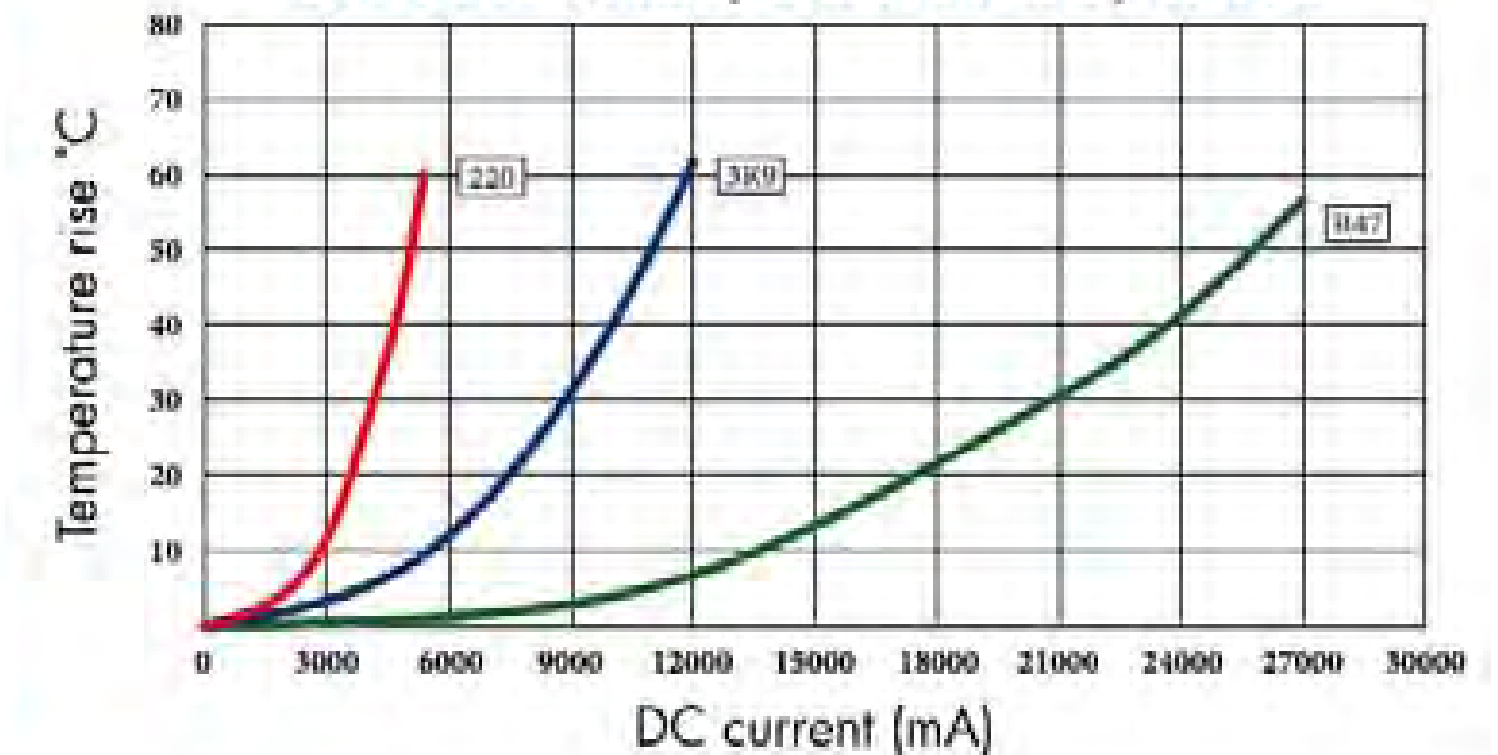
ELECTRICAL CHARACTERISTICS FOR OWI5022FH SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI5022FH-R47	0.47	100KHZ	2.0m	40	20.0
OWI5022FH-R82	0.82	100KHZ	2.6m	30	17.0
OWI5022FH-1R5	1.5	100KHZ	4.0m	25	14.2
OWI5022FH-2R2	2.2	100KHZ	6.1m	20	12.0
OWI5022FH-2R7	2.7	100KHZ	8.0m	18	10.0
OWI5022FH-3R3	3.3	100KHZ	9.0m	17	9.4
OWI5022FH-3R9	3.9	100KHZ	10m	15	9.0
OWI5022FH-4R7	4.7	100KHZ	14m	13	8.0
OWI5022FH-6R8	6.8	100KHZ	18m	12	6.5
OWI5022FH-100	10	100KHZ	26m	10	6.0
OWI5022FH-150	15	100KHZ	32m	8.0	4.8
OWI5022FH-220	22	100KHZ	50m	7.6	3.6

OWI5022FH Inductance decrease by current



OWI5022FH Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
0.47μH~4.7μH: ±30%(N) 6.8μH~220μH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI5040FH TYPE



FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

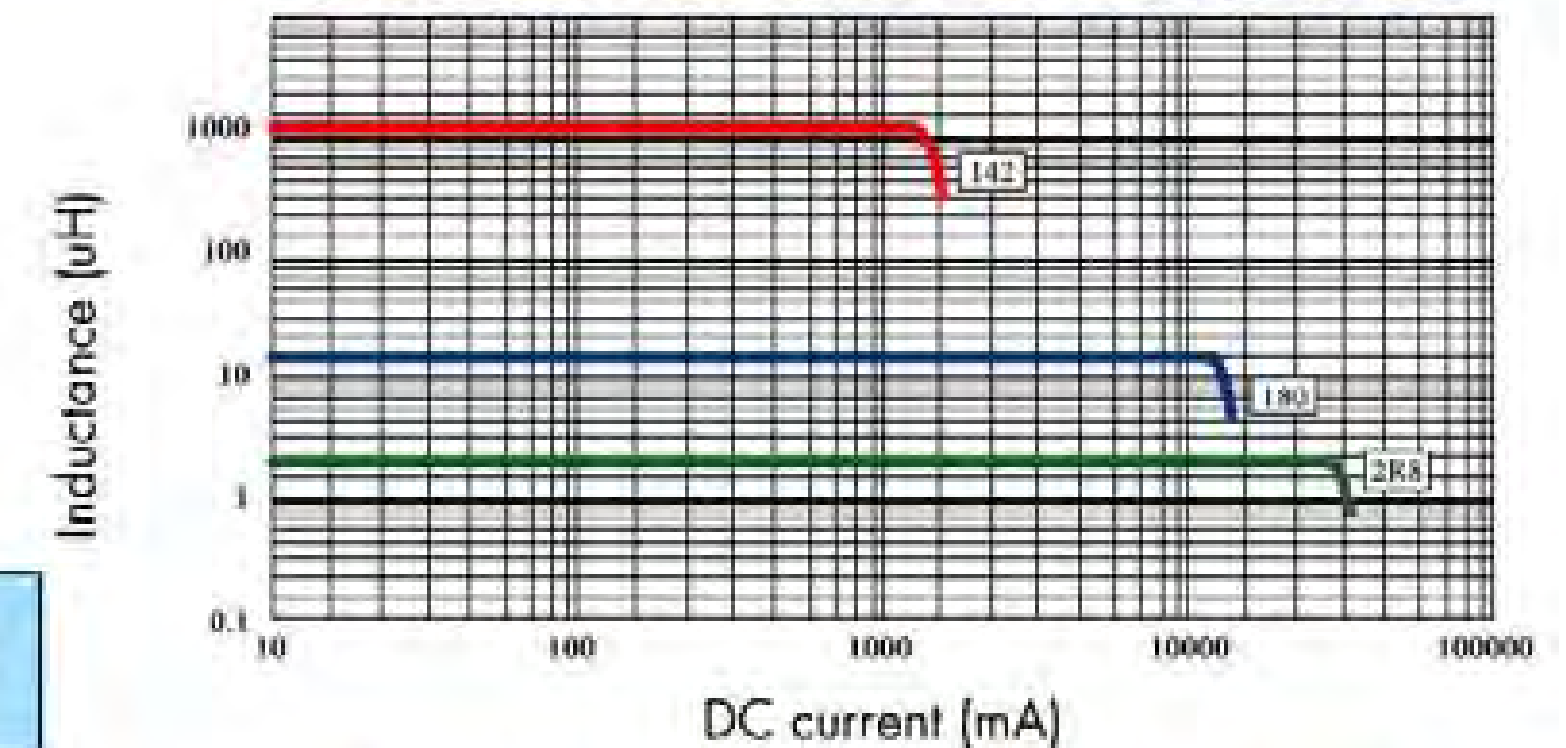
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



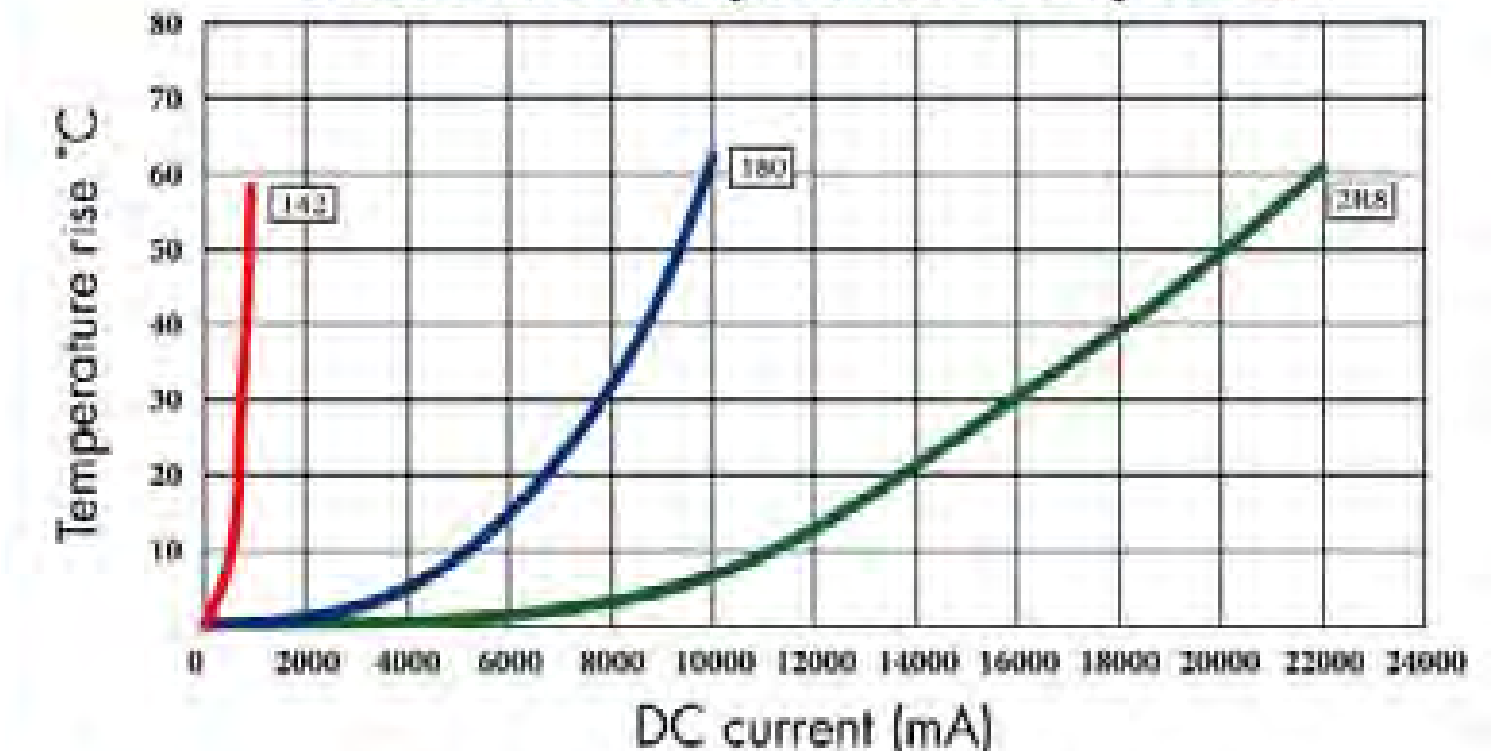
ELECTRICAL CHARACTERISTICS FOR OWI5040FH SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI5040FH-2R8	2.8	100KHZ	5.2m	33.4	16.0
OWI5040FH-3R9	3.9	100KHZ	6.0m	26.8	14.0
OWI5040FH-6R8	6.8	100KHZ	9.0m	21.5	11.5
OWI5040FH-100	10	100KHZ	14.1m	17.8	10.0
OWI5040FH-120	12	100KHZ	15.5m	15.9	8.5
OWI5040FH-150	15	100KHZ	20m	13.8	8.0
OWI5040FH-180	18	100KHZ	22m	13.2	7.5
OWI5040FH-220	22	100KHZ	24m	11.8	6.8
OWI5040FH-330	33	100KHZ	37m	9.6	5.2
OWI5040FH-470	47	100KHZ	52m	7.8	4.4
OWI5040FH-680	68	100KHZ	67m	6.7	4.1
OWI5040FH-101	100	100KHZ	115m	5.6	3.2
OWI5040FH-331	330	100KHZ	325m	3.0	1.8
OWI5040FH-681	680	100KHZ	780m	2.0	1.1
OWI5040FH-142	1400	100KHZ	1.59	1.5	0.7

OWI5040FH Inductance decrease by current



OWI5040FH Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
2.8μH~100μH: ±30%(N) 330μH~1400μH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWI3DF TYPE



FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

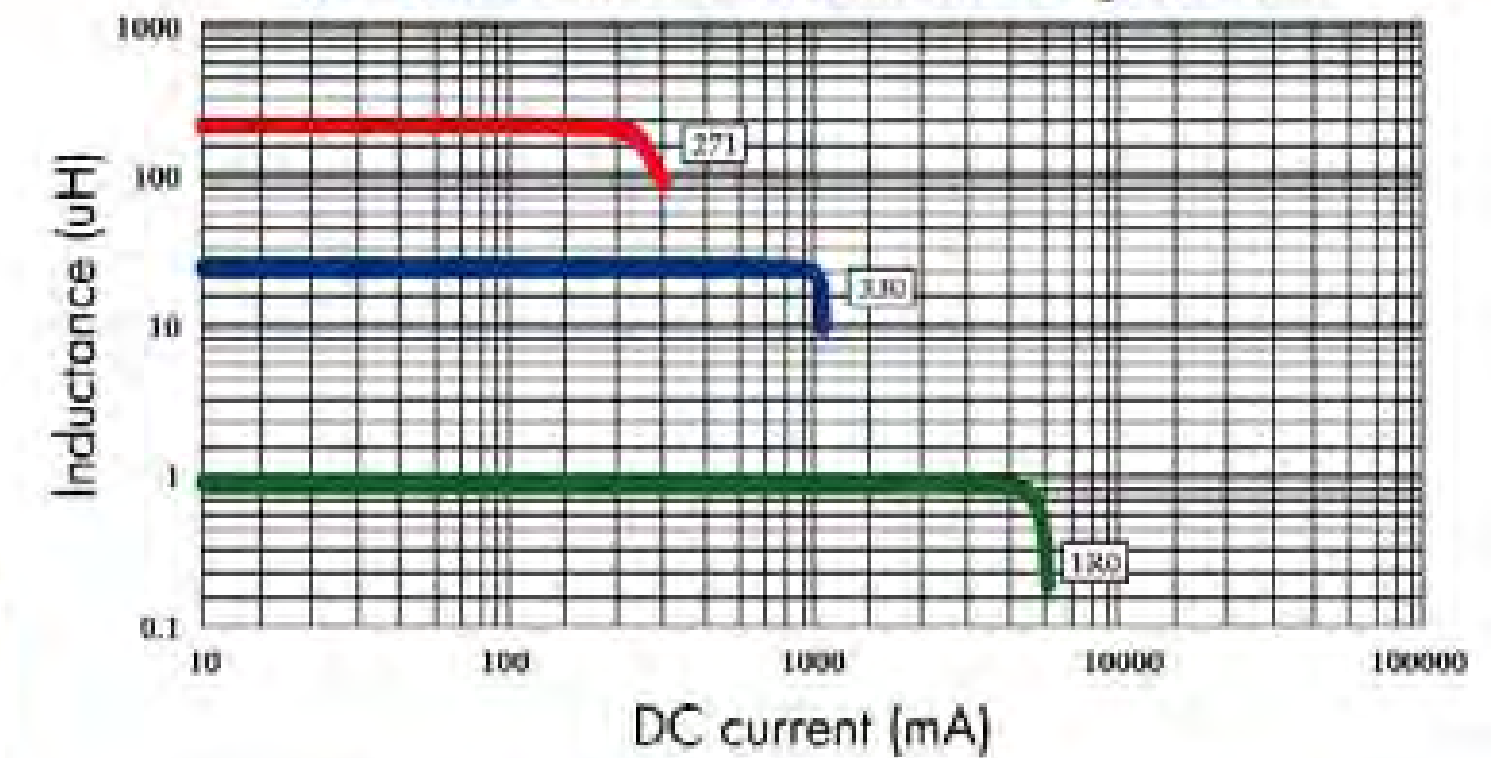
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



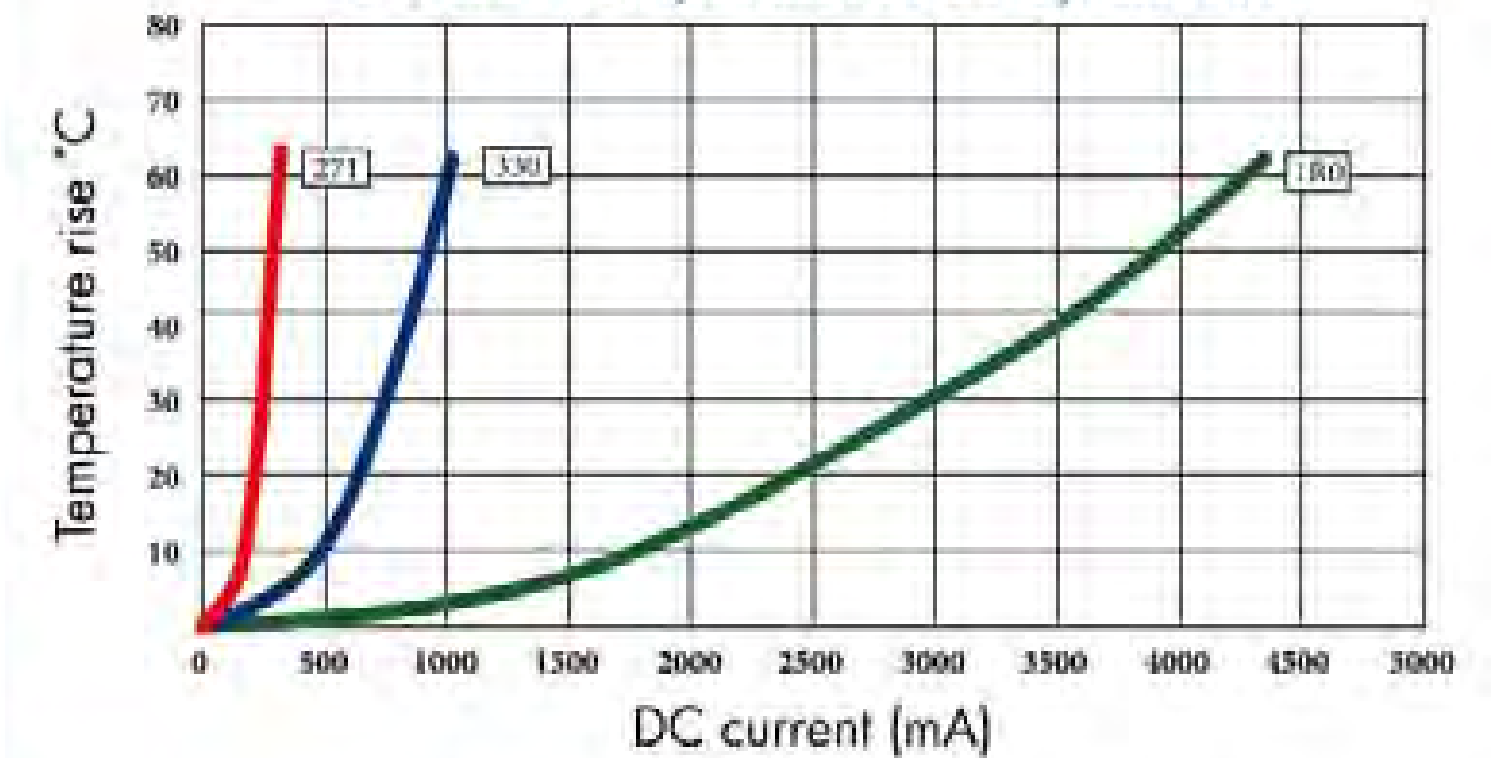
ELECTRICAL CHARACTERISTICS FOR OWI3DF SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI3DF-1R0	1.0	100KHZ	72m	1.34	2.90
OWI3DF-1R5	1.5	100KHZ	84m	1.22	2.60
OWI3DF-2R2	2.2	100KHZ	108m	1.08	2.30
OWI3DF-3R3	3.3	100KHZ	134m	0.97	2.00
OWI3DF-4R7	4.7	100KHZ	160m	0.91	1.80
OWI3DF-6R8	6.8	100KHZ	197m	0.79	1.50
OWI3DF-100	10	100KHZ	330m	0.63	1.10
OWI3DF-120	12	100KHZ	350m	0.59	1.00
OWI3DF-150	15	100KHZ	400m	0.56	0.92
OWI3DF-180	18	100KHZ	450m	0.51	0.88
OWI3DF-220	22	100KHZ	534m	0.47	0.86
OWI3DF-270	27	100KHZ	618m	0.43	0.80
OWI3DF-330	33	100KHZ	903m	0.37	0.72
OWI3DF-390	39	100KHZ	1.01	0.34	0.62
OWI3DF-470	47	100KHZ	1.36	0.29	0.56
OWI3DF-560	56	100KHZ	1.52	0.28	0.52
OWI3DF-680	68	100KHZ	1.71	0.26	0.48
OWI3DF-820	82	100KHZ	2.31	0.22	0.43
OWI3DF-101	100	100KHZ	2.64	0.21	0.40
OWI3DF-121	120	100KHZ	3.50	0.19	0.36
OWI3DF-151	150	100KHZ	4.13	0.17	0.33
OWI3DF-181	180	100KHZ	4.53	0.16	0.30
OWI3DF-221	220	100KHZ	6.65	0.13	0.27
OWI3DF-271	270	100KHZ	7.52	0.12	0.24

OWI3DF Inductance decrease by current



OWI3DF Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
1.0uH~6.8uH: ±30%(N) 10uH~270uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWIB73F TYPE



FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

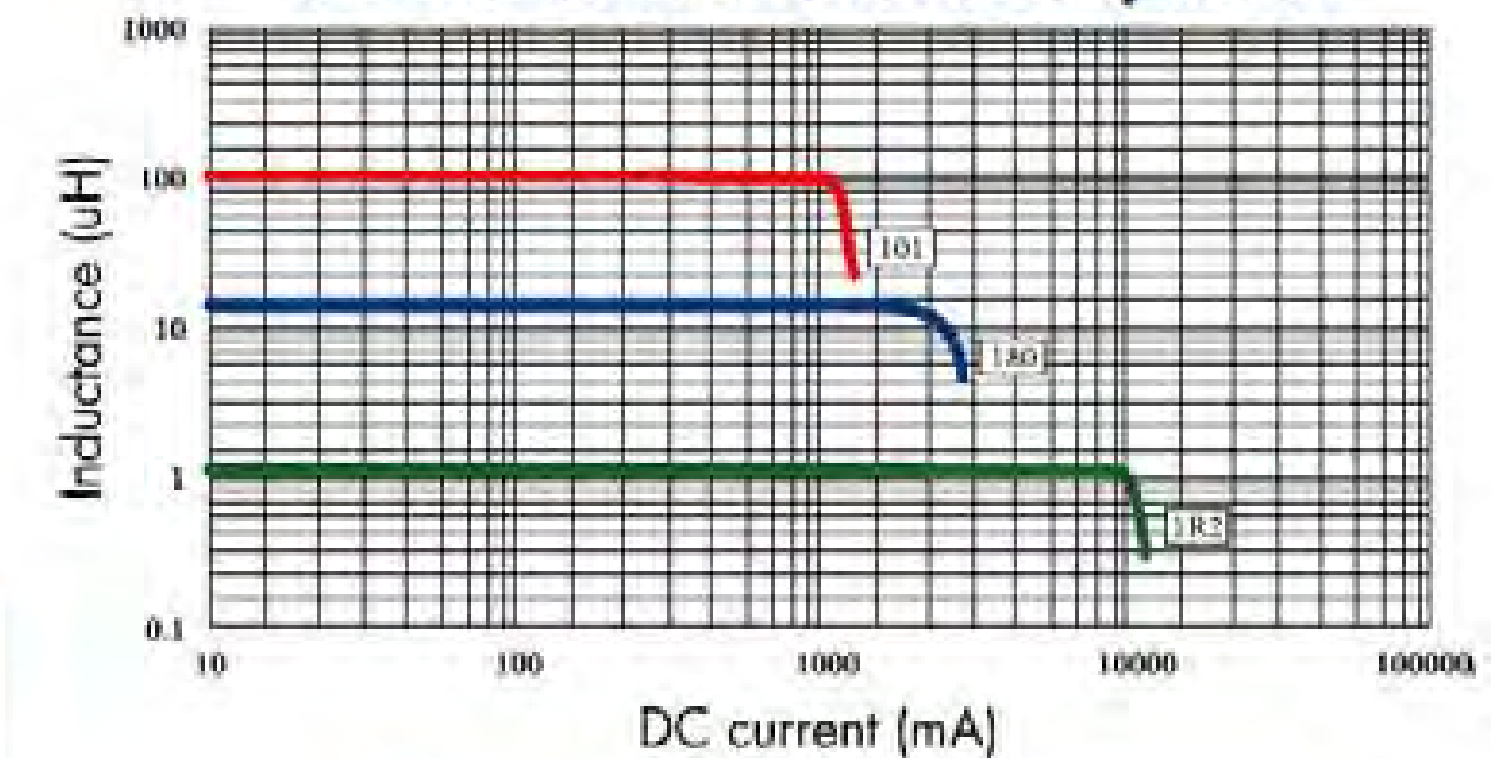
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



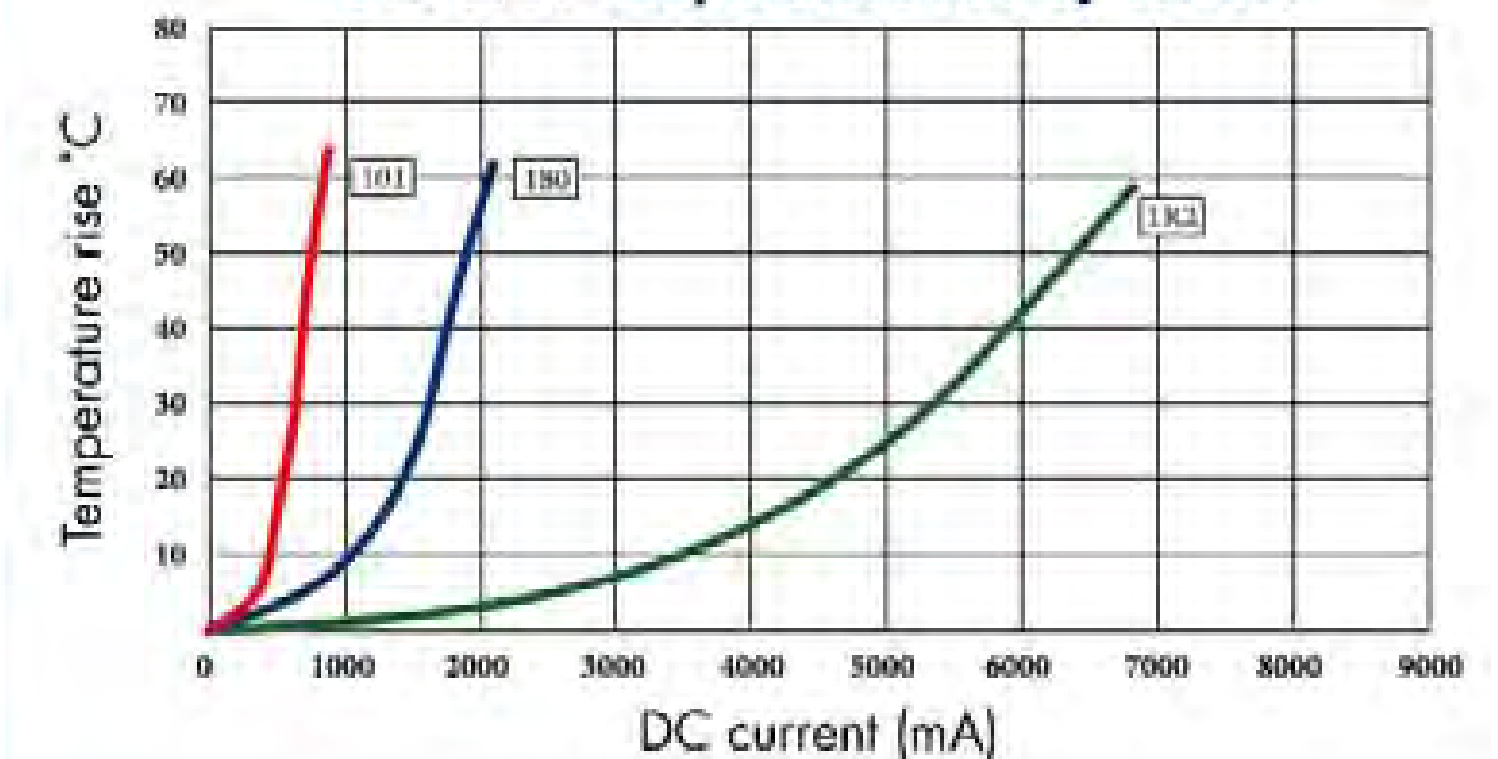
ELECTRICAL CHARACTERISTICS FOR OWIB73F SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIB73F-1R2	1.2	1KHZ	25m	2.88	5.50
OWIB73F-1R5	1.5	1KHZ	26m	2.67	5.00
OWIB73F-2R2	2.2	1KHZ	32m	2.40	4.40
OWIB73F-3R3	3.3	1KHZ	45m	2.08	3.80
OWIB73F-4R7	4.7	1KHZ	56m	1.92	3.00
OWIB73F-6R8	6.8	1KHZ	67m	1.62	2.52
OWIB73F-100	10	1KHZ	96m	1.41	2.10
OWIB73F-120	12	1KHZ	0.10	1.28	1.90
OWIB73F-150	15	1KHZ	0.13	1.12	1.75
OWIB73F-180	18	1KHZ	0.16	1.00	1.64
OWIB73F-220	22	1KHZ	0.18	0.93	1.58
OWIB73F-270	27	1KHZ	0.24	0.80	1.34
OWIB73F-330	33	1KHZ	0.29	0.72	1.21
OWIB73F-390	39	1KHZ	0.34	0.66	1.10
OWIB73F-470	47	1KHZ	0.41	0.59	0.92
OWIB73F-560	56	1KHZ	0.48	0.55	0.78
OWIB73F-680	68	1KHZ	0.60	0.49	0.72
OWIB73F-820	82	1KHZ	0.71	0.44	0.68
OWIB73F-101	100	1KHZ	0.95	0.38	0.62

OWIB73F Inductance decrease by current



OWIB73F Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWIB75F TYPE

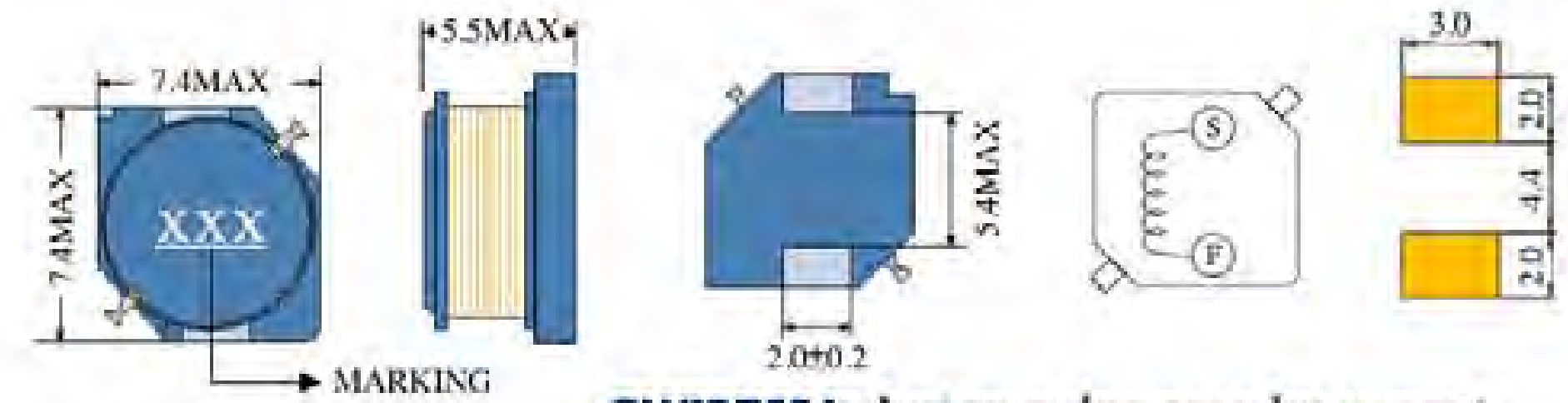


FEATURES

1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

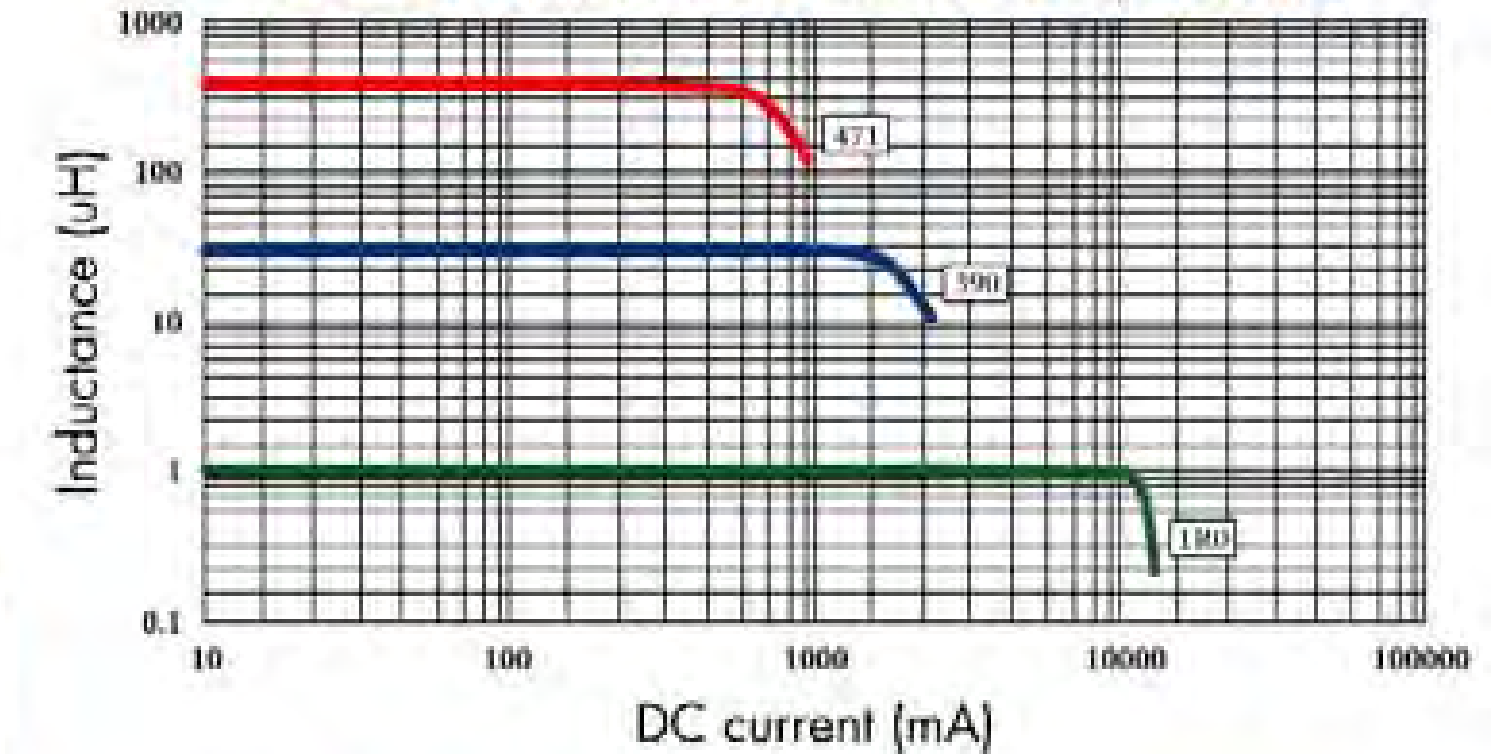
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



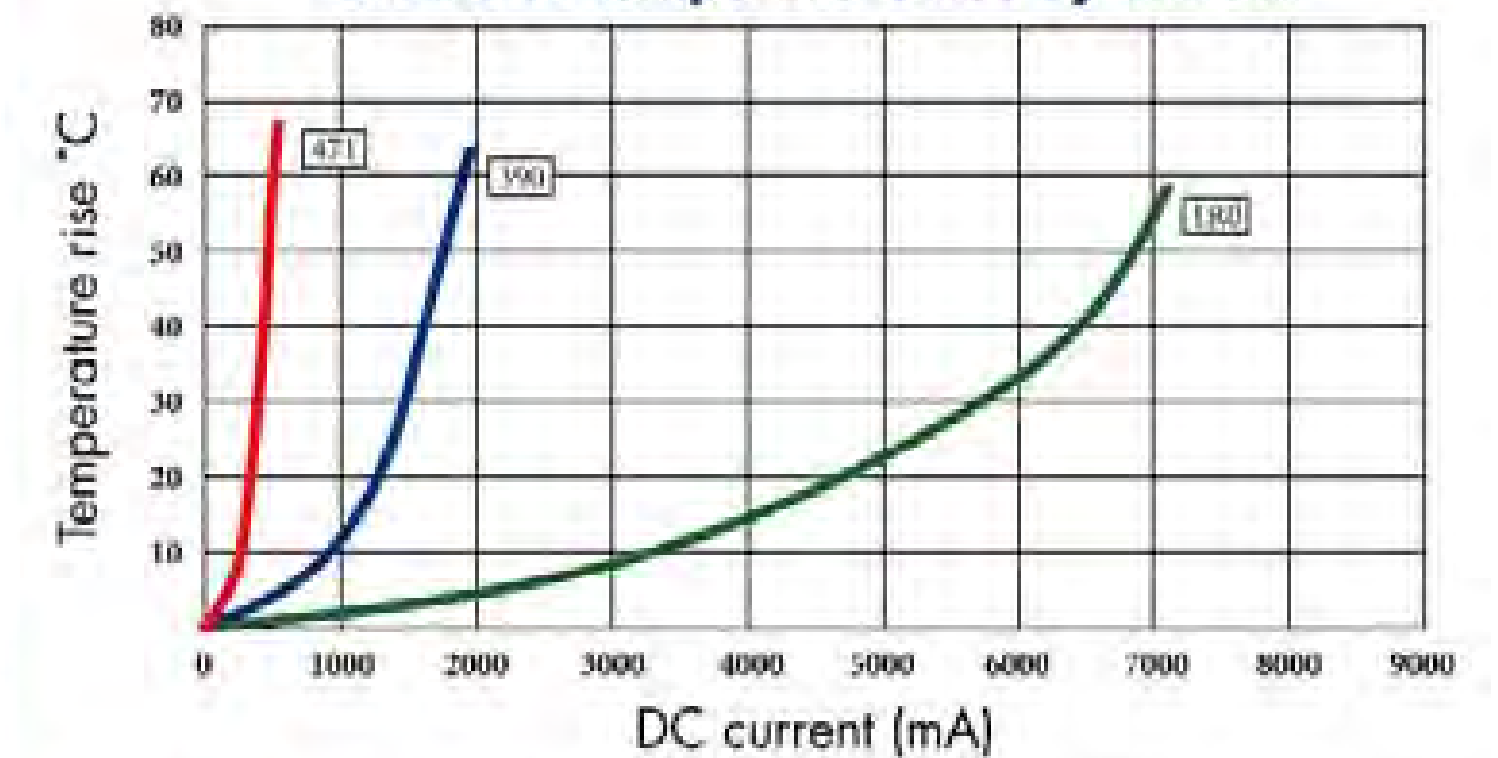
ELECTRICAL CHARACTERISTICS FOR OWIB75F SERIES

Part Number	Inductance (μH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIB75F-1R0	1.0	1KHZ	23m	2.88	5.50
OWIB75F-1R5	1.5	1KHZ	28m	2.56	5.00
OWIB75F-2R2	2.2	1KHZ	32m	2.36	4.20
OWIB75F-3R3	3.3	1KHZ	38m	2.16	3.80
OWIB75F-4R7	4.7	1KHZ	49m	1.88	3.50
OWIB75F-6R8	6.8	1KHZ	60m	1.68	3.24
OWIB75F-100	10	1KHZ	70m	1.56	2.70
OWIB75F-120	12	1KHZ	80m	1.44	2.50
OWIB75F-150	15	1KHZ	90m	1.36	2.30
OWIB75F-180	18	1KHZ	0.10	1.28	2.10
OWIB75F-220	22	1KHZ	0.12	1.17	1.90
OWIB75F-270	27	1KHZ	0.14	1.07	1.70
OWIB75F-330	33	1KHZ	0.18	1.00	1.55
OWIB75F-390	39	1KHZ	0.21	0.91	1.40
OWIB75F-470	47	1KHZ	0.25	0.84	1.30
OWIB75F-560	56	1KHZ	0.29	0.72	1.22
OWIB75F-680	68	1KHZ	0.34	0.66	1.14
OWIB75F-820	82	1KHZ	0.46	0.58	1.00
OWIB75F-101	100	1KHZ	0.55	0.51	0.85
OWIB75F-121	120	1KHZ	0.67	0.42	0.78
OWIB75F-151	150	1KHZ	0.90	0.37	0.68
OWIB75F-181	180	1KHZ	1.05	0.35	0.60
OWIB75F-221	220	1KHZ	1.35	0.29	0.50
OWIB75F-271	270	1KHZ	1.55	0.28	0.47
OWIB75F-331	330	1KHZ	2.05	0.23	0.44
OWIB75F-391	390	1KHZ	2.30	0.215	0.41
OWIB75F-471	470	1KHZ	2.60	0.195	0.38

OWIB75F Inductance decrease by current



OWIB75F Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
1.0μH~3.3μH: ±30%(N) 4.7μH~100μH: ±20%(M)
120μH~470μH: ±10%(K)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambience, which cause the temp, change as Δt=40 °C or more lower current.
5. Please refer saturated current or the minimum temperature current as standard.

OWIX114 TYPE

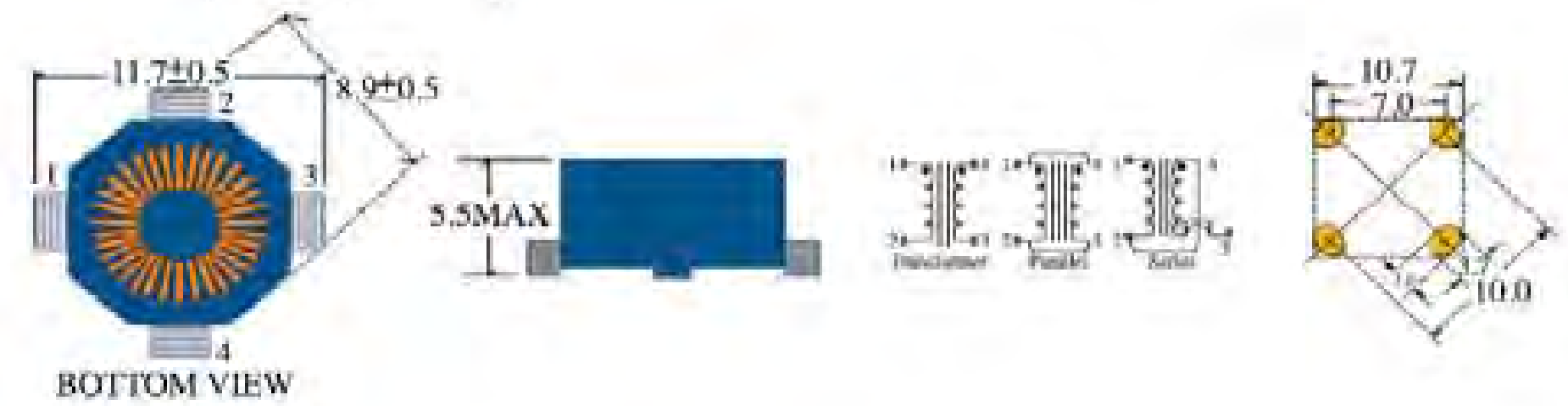


FEATURES

1. Maximum power Density
2. Engineered to Provide High Efficiency through Toridal Design.

APPLICATIONS

1. 1:1 Coupled Inductors and 1:1 Isolation Transformers
2. Low EMI Radiation
3. Models Available for Full Load Current Range of 0.32 to 5.5ADC
4. Available in tape-and Reel Packaging for Pick and-Place Utilization.



ELECTRICAL CHARACTERISTICS FOR OWIX114 SERIES

Part Number	PARALLEL				SERIES			
	Open Circuit Inductance $\mu\text{H} \pm 20\%$	Full Load Inductance $\mu\text{H min}$	Full Load Current Adc	DC Resistance ohms max.	Open Circuit Inductance $\mu\text{H} \pm 20\%$	Full Load Inductance $\mu\text{H min}$	Full Load Current Adc	DC Resistance ohms max.
OWIX114-R47	0.47	0.31	5.50	0.009	1.67	1.25	2.75	0.040
OWIX114-R68	0.68	0.43	5.10	0.011	2.40	1.74	2.55	0.045
OWIX114-1R2	1.2	0.73	4.50	0.014	4.28	2.92	2.55	0.056
OWIX114-2R2	2.2	1.36	3.40	0.018	8.08	5.44	1.70	0.070
OWIX114-4R7	4.7	3.37	2.00	0.041	18.8	13.47	1.00	0.161
OWIX114-8R0	8.0	5.31	1.80	0.052	32.33	21.23	0.90	0.208
OWIX114-9R6	9.6	6.23	1.70	0.057	38.48	24.94	0.85	0.227
OWIX114-150	15	9.62	1.40	0.087	60.12	38.47	0.70	0.348
OWIX114-200	20	14.12	1.00	0.159	81.83	56.47	0.50	0.634
OWIX114-250	25	17.07	0.96	0.177	101.60	68.29	0.48	0.708
OWIX114-320	32	22.27	0.80	0.251	129.32	89.06	0.40	1.001
OWIX114-500	50	33.57	0.70	0.316	202.07	134.27	0.35	1.263
OWIX114-680	68	43.65	0.66	0.373	273.61	174.61	0.33	1.490
OWIX114-101	100	63.64	0.54	0.557	396.06	254.55	0.27	2.227
OWIX114-151	150	96.64	0.44	0.844	602.87	386.56	0.22	3.376
OWIX114-201	200	130.79	0.36	1.208	793.65	523.16	0.18	4.831
OWIX114-301	300	190.05	0.32	1.525	1199.46	760.19	0.16	6.100

1. Open Circuit Inductance Test Parameters: 100KHZ, 0.250V
Parallel: (1, 4-3, 2) Series: (1-3) tie (2-4).

2. RMS current, delta temp. of 40°C ambient temperature of 85°C.

3. Peak current for approximately 30% roll-off.

4. Hi-pot rating: winding to winding: 300Vdc min.

5. Turns Ratio: (1-2) : (4-3) 1:1

OWIX147 TYPE



FEATURES

1. Maximum power Density
2. Engineered to Provide High Efficiency through Toroidal Design.

APPLICATIONS

1. 1:1 Coupled Inductors and 1:1 Isolation Transformers
2. Low EMI Radiation
3. Models Available for Full Load Current Range of 0.62 to 7.0ADC
4. Available in tape-and Reel Packaging for Pick and-Place Utilization.



ELECTRICAL CHARACTERISTICS FOR OWIX147 SERIES

Part Number	PARALLEL				SERIES			
	Open Circuit Inductance $\mu\text{H} \pm 20\%$	Full Load Inductance $\mu\text{H min}$	Full Load Current Adc	DC Resistance ohms max.	Open Circuit Inductance $\mu\text{H} \pm 20\%$	Full Load Inductance $\mu\text{H min}$	Full Load Current Adc	DC Resistance ohms max.
OWIX147-0R47	0.47	0.32	7.00	0.004	1.76	1.29	3.50	0.016
OWIX147-0R8	0.8	0.55	6.00	0.005	3.14	2.21	3.00	0.020
OWIX147-1R2	1.2	0.85	5.50	0.006	4.90	3.41	2.50	0.024
OWIX147-1R8	1.8	1.06	5.00	0.007	7.06	4.24	2.95	0.028
OWIX147-5R0	5.0	2.59	4.40	0.014	19.60	10.37	2.20	0.056
OWIX147-8R0	8.0	4.29	3.50	0.019	33.12	17.14	1.75	0.073
OWIX147-100	10	4.82	3.40	0.020	38.42	19.28	1.70	0.079
OWIX147-150	15	6.76	3.00	0.024	56.64	27.03	1.50	0.096
OWIX147-200	20	10.68	2.10	0.055	78.40	42.73	1.05	0.220
OWIX147-250	25	13.32	2.00	0.064	103.68	53.27	1.00	0.254
OWIX147-330	33	16.82	1.80	0.072	132.50	67.27	0.90	0.288
OWIX147-500	50	25.03	1.50	0.111	200.70	100.11	0.75	0.444
OWIX147-680	68	35.29	1.20	0.158	268.32	141.15	0.60	0.630
OWIX147-101	100	54.56	0.92	0.303	396.90	218.25	0.46	1.210
OWIX147-151	150	77.17	0.82	0.372	592.90	308.69	0.41	1.488
OWIX147-201	200	111.08	0.64	0.545	802.82	444.32	0.32	2.180
OWIX147-301	300	147.92	0.62	0.672	1192.46	591.66	0.31	2.687

1. Open Circuit Inductance Test Parameters: 100KHZ, 0.250V

Parallel: (1, 4-3, 2) Series: (1-3) tie (2-4).

2. RMS current, delta temp. of 40°C ambient temperature of 85°C.

3. Peak current for approximately 30% roll-off.

4. Hi-pot rating: winding to winding: 300Vdc min.

5. Turns Ratio: (1-2) : (4-3) 1:1