



OWIRH124B TYPE

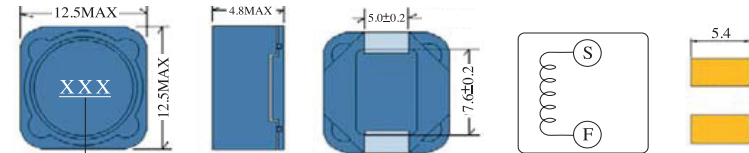


FEATURES

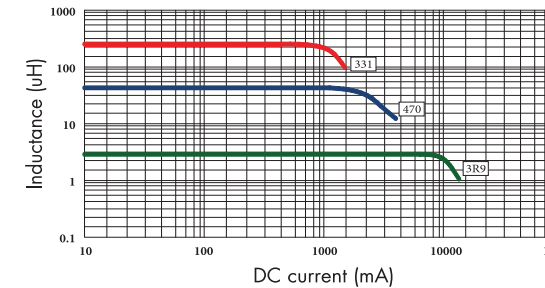
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

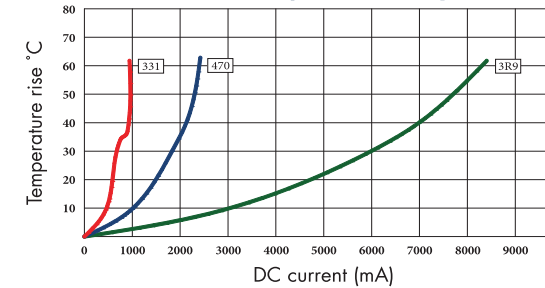
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIRH124B Inductance decrease by current



OWIRH124B Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: 3.9uH~8.2uH: ±30%(N) 10uH~330uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 25% 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 OWIRH124B SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIRH124B-3R9	3.9	100KHZ	20m	6.5	6.00
OWIRH124B-4R7	4.7	100KHZ	24m	5.7	5.40
OWIRH124B-6R8	6.8	100KHZ	30m	4.9	4.80
OWIRH124B-8R2	8.2	100KHZ	34m	4.6	4.40
OWIRH124B-100	10	100KHZ	38m	4.5	4.10
OWIRH124B-120	12	100KHZ	49m	4.0	3.90
OWIRH124B-150	15	100KHZ	53m	3.2	3.50
OWIRH124B-180	18	100KHZ	62m	3.1	3.10
OWIRH124B-220	22	100KHZ	66m	2.9	3.00
OWIRH124B-270	27	100KHZ	92m	2.8	2.70
OWIRH124B-330	33	100KHZ	111m	2.7	2.43
OWIRH124B-390	39	100KHZ	132m	2.1	2.07
OWIRH124B-470	47	100KHZ	170m	1.9	1.87
OWIRH124B-560	56	100KHZ	190m	1.8	1.77
OWIRH124B-680	68	100KHZ	220m	1.5	1.60
OWIRH124B-820	82	100KHZ	275m	1.3	1.44
OWIRH124B-101	100	100KHZ	330m	1.2	1.36
OWIRH124B-121	120	100KHZ	400m	1.1	1.23
OWIRH124B-151	150	100KHZ	530m	0.95	1.16
OWIRH124B-181	180	100KHZ	620m	0.85	1.05
OWIRH124B-221	220	100KHZ	700m	0.80	0.95
OWIRH124B-271	270	100KHZ	870m	0.60	0.86
OWIRH124B-331	330	100KHZ	990m	0.50	0.78

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