



### OWIRH1035R TYPE

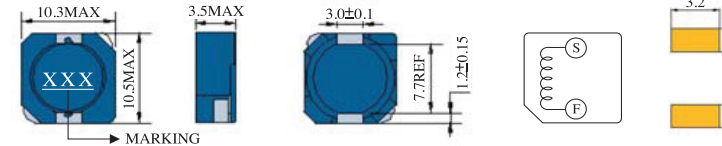


#### FEATURES

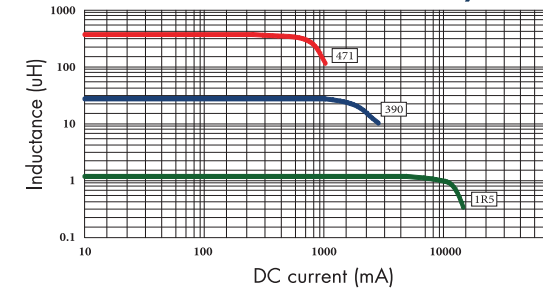
1. Various high power inductors are superior to be high saturation for surface mounting.

#### APPLICATIONS

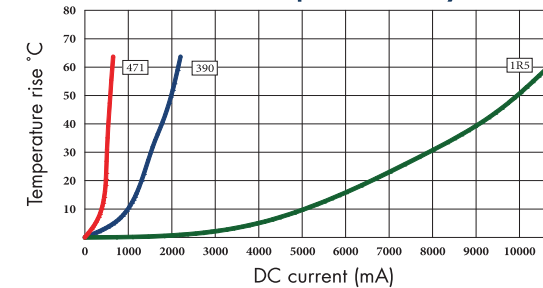
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIRH1035R Inductance decrease by current



OWIRH1035R Temperature rise by current



### ELECTRICAL CHARACTERISTICS FOR OWIRH1035R SERIES

Part Number	Inductance (uH) <sup>(1)</sup>	Test Frequency	DC Resistance (Ω MAX) <sup>(2)</sup>	Saturation Current (A) <sup>(3)</sup>	Temperature Current (A) <sup>(4)</sup>
OWIRH1035R-1R5	1.5	100KHZ	10m	8.10	7.69
OWIRH1035R-2R2	2.2	100KHZ	15m	8.00	7.60
OWIRH1035R-3R3	3.3	100KHZ	20m	7.00	7.00
OWIRH1035R-4R7	4.7	100KHZ	30m	4.10	4.10
OWIRH1035R-5R6	5.6	100KHZ	33m	4.00	4.00
OWIRH1035R-6R8	6.8	100KHZ	41m	3.80	3.80
OWIRH1035R-100	10	100KHZ	69m	3.40	3.00
OWIRH1035R-120	12	100KHZ	82m	3.20	2.85
OWIRH1035R-150	15	100KHZ	94m	2.70	2.70
OWIRH1035R-180	18	100KHZ	104m	2.60	2.40
OWIRH1035R-220	22	100KHZ	119m	2.56	2.20
OWIRH1035R-270	27	100KHZ	137m	2.00	1.80
OWIRH1035R-330	33	100KHZ	162m	1.90	1.70
OWIRH1035R-390	39	100KHZ	184m	1.60	1.60
OWIRH1035R-470	47	100KHZ	218m	1.40	1.52
OWIRH1035R-560	56	100KHZ	248m	1.35	1.35
OWIRH1035R-680	68	100KHZ	268m	1.30	1.30
OWIRH1035R-820	82	100KHZ	337m	1.28	1.28
OWIRH1035R-101	100	100KHZ	450m	1.20	1.08
OWIRH1035R-121	120	100KHZ	504m	1.10	1.00
OWIRH1035R-151	150	100KHZ	637m	0.90	0.81
OWIRH1035R-181	180	100KHZ	760m	0.85	0.77
OWIRH1035R-221	220	100KHZ	880m	0.70	0.73
OWIRH1035R-271	270	100KHZ	1.19	0.65	0.60
OWIRH1035R-331	330	100KHZ	1.48	0.60	0.51
OWIRH1035R-391	390	100KHZ	1.79	0.58	0.45
OWIRH1035R-471	470	100KHZ	2.22	0.50	0.50

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1. Inductance tested at 0.25V. Tolerance of inductance: ±30%
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 35% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambient 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.