



OWIRH104R TYPE

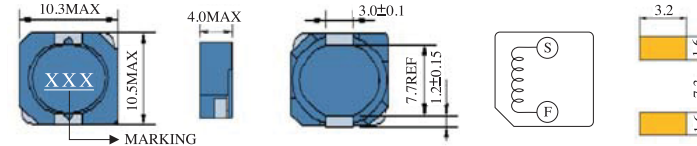


FEATURES

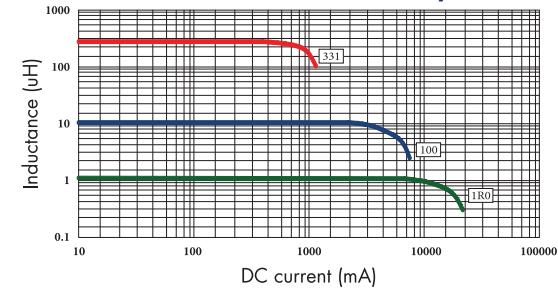
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

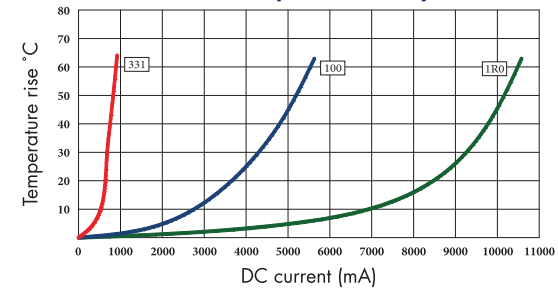
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIRH104R Inductance decrease by current



OWIRH104R Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIRH104R SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIRH104R-1R0	1.0	100KHZ	8.1m	10.1	9.00
OWIRH104R-1R5	1.5	100KHZ	8.1m	10.0	10.0
OWIRH104R-2R5	2.5	100KHZ	10m	7.50	7.50
OWIRH104R-3R3	3.3	100KHZ	15m	7.00	6.70
OWIRH104R-3R8	3.8	100KHZ	15m	6.00	6.00
OWIRH104R-4R7	4.7	100KHZ	22m	5.80	5.40
OWIRH104R-5R2	5.2	100KHZ	22m	5.70	5.10
OWIRH104R-5R8	5.8	100KHZ	22m	5.50	4.84
OWIRH104R-7R0	7.0	100KHZ	27m	4.80	4.59
OWIRH104R-100	10	100KHZ	35m	4.40	4.36
OWIRH104R-150	15	100KHZ	50m	3.60	3.10
OWIRH104R-220	22	100KHZ	73m	2.90	2.70
OWIRH104R-330	33	100KHZ	117m	2.30	2.10
OWIRH104R-470	47	100KHZ	128m	2.10	1.90
OWIRH104R-680	68	100KHZ	265m	1.50	1.42
OWIRH104R-101	100	100KHZ	304m	1.35	1.25
OWIRH104R-151	150	100KHZ	506m	1.15	0.93
OWIRH104R-221	220	100KHZ	756m	0.92	0.70
OWIRH104R-331	330	100KHZ	1.09	0.70	0.63

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1. Inductance tested at 0.25V. Tolerance of inductance:±30%(N)
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 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.