



OWIRH104R TYPE

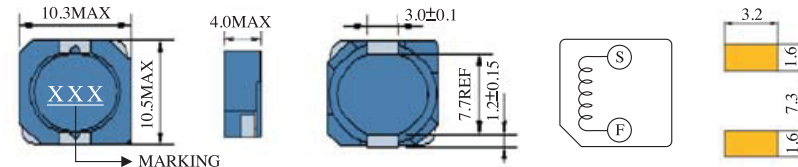


FEATURES

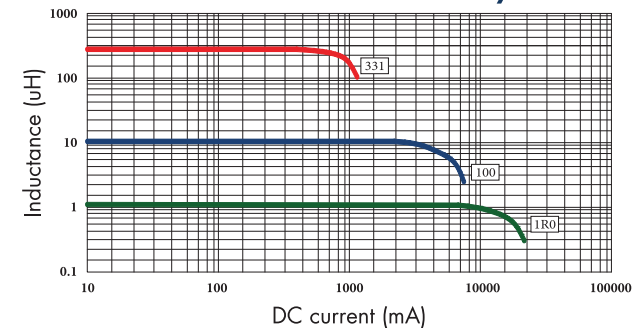
- 1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

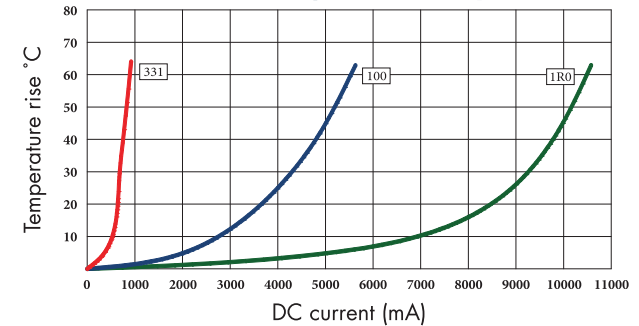
- 1. Power supply for VTR, OA equipment.
- 2. LCD television set, notebook PC.
- 3. Portable communication, equipments.
- 4. DC/DC converters, etc.



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

- 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.