



OWIRH6D38 TYPE

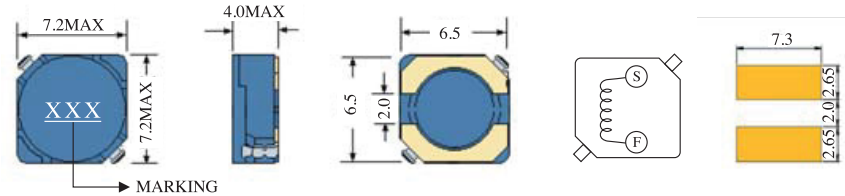


FEATURES

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

APPLICATIONS

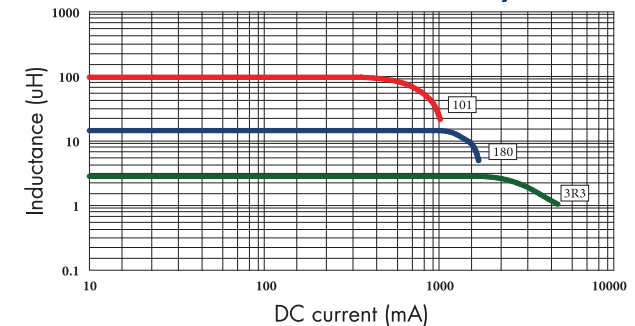
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



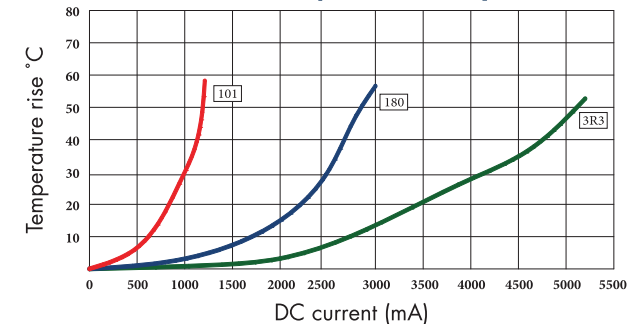
ELECTRICAL CHARACTERISTICS FOR OWIRH6D38 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIRH6D38-3R3	3.3	10KHZ	23m	3.50	4.00
OWIRH6D38-5R0	5.0	10KHZ	26m	2.90	3.80
OWIRH6D38-6R2	6.2	10KHZ	27m	2.50	3.60
OWIRH6D38-7R4	7.4	10KHZ	31m	2.30	3.50
OWIRH6D38-8R7	8.7	10KHZ	34m	2.20	3.33
OWIRH6D38-100	10	10KHZ	38m	2.00	3.20
OWIRH6D38-120	12	10KHZ	53m	1.70	2.88
OWIRH6D38-150	15	10KHZ	57m	1.60	2.59
OWIRH6D38-180	18	10KHZ	92m	1.50	2.43
OWIRH6D38-220	22	10KHZ	96m	1.30	2.18
OWIRH6D38-270	27	10KHZ	109m	1.20	1.96
OWIRH6D38-330	33	10KHZ	124m	1.10	1.76
OWIRH6D38-390	39	10KHZ	138m	1.00	1.67
OWIRH6D38-470	47	10KHZ	155m	0.95	1.50
OWIRH6D38-560	56	10KHZ	202m	0.85	1.35
OWIRH6D38-680	68	10KHZ	234m	0.75	1.21
OWIRH6D38-820	82	10KHZ	324m	0.70	1.08
OWIRH6D38-101	100	10KHZ	358m	0.65	0.97

OWIRH6D38 Inductance decrease by current



OWIRH6D38 Temperature rise by current



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.