



OWIRH6D28 TYPE

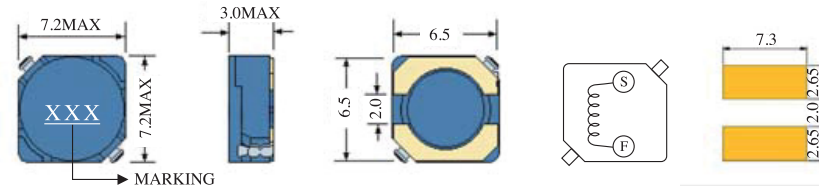


FEATURES

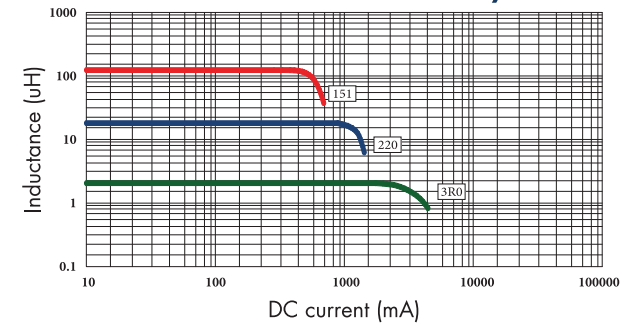
- 1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

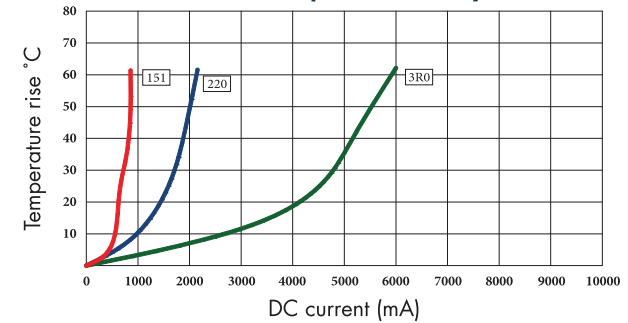
- 1. Power supply for VTR, OA equipment.
- 2. LCD television set, notebook PC.
- 3. Portable communication, equipments.
- 4. DC/DC converters, etc.



OWIRH6D28 Inductance decrease by current



OWIRH6D28 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIRH6D28 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIRH6D28-3R0	3.0	10KHZ	24m	3.00	4.70
OWIRH6D28-3R9	3.9	10KHZ	27m	2.60	4.50
OWIRH6D28-5R0	5.0	10KHZ	31m	2.40	4.00
OWIRH6D28-6R0	6.0	10KHZ	35m	2.25	3.60
OWIRH6D28-7R3	7.3	10KHZ	54m	2.10	3.23
OWIRH6D28-8R6	8.6	10KHZ	58m	1.85	2.90
OWIRH6D28-100	10	10KHZ	65m	1.70	2.60
OWIRH6D28-120	12	10KHZ	70m	1.55	2.34
OWIRH6D28-150	15	10KHZ	84m	1.40	2.10
OWIRH6D28-180	18	10KHZ	95m	1.32	1.89
OWIRH6D28-220	22	10KHZ	128m	1.20	1.70
OWIRH6D28-270	27	10KHZ	142m	1.05	1.62
OWIRH6D28-330	33	10KHZ	165m	0.97	1.37
OWIRH6D28-390	39	10KHZ	210m	0.86	1.23
OWIRH6D28-470	47	10KHZ	238m	0.80	1.17
OWIRH6D28-560	56	10KHZ	277m	0.73	1.11
OWIRH6D28-680	68	10KHZ	304m	0.65	0.99
OWIRH6D28-820	82	10KHZ	390m	0.60	0.89
OWIRH6D28-101	100	10KHZ	535m	0.54	0.80
OWIRH6D28-121	120	10KHZ	580m	0.45	0.72
OWIRH6D28-151	150	10KHZ	615m	0.42	0.68

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.