



OWIRH5D28 TYPE

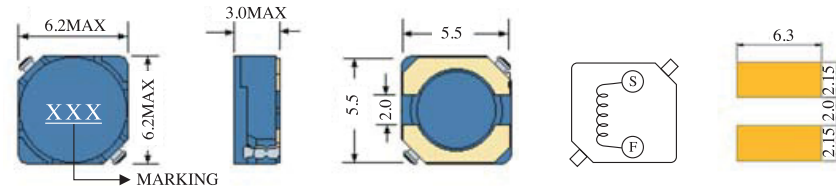


FEATURES

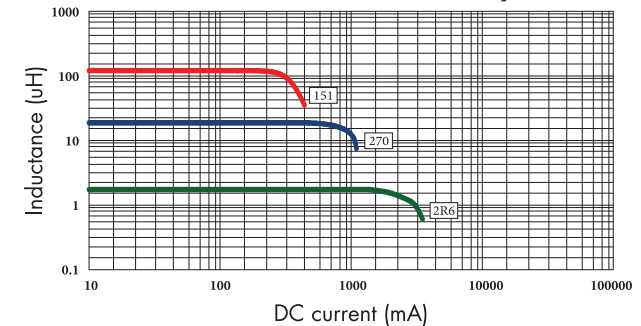
- 1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

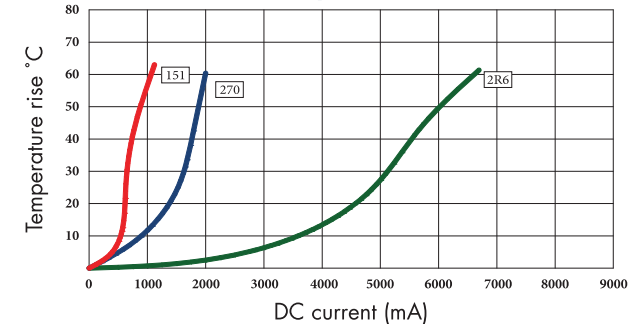
- 1. Power supply for VTR, OA equipment.
- 2. LCD television set, notebook PC.
- 3. Portable communication, equipments.
- 4. DC/DC converters, etc.



OWIRH5D28 Inductance decrease by current



OWIRH5D28 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIRH5D28 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIRH5D28-2R6	2.6	10KHZ	18m	2.60	4.90
OWIRH5D28-3R0	3.0	10KHZ	24m	2.30	4.40
OWIRH5D28-4R2	4.2	10KHZ	31m	2.00	4.00
OWIRH5D28-5R3	5.3	10KHZ	38m	1.80	3.60
OWIRH5D28-6R2	6.2	10KHZ	45m	1.65	3.24
OWIRH5D28-8R2	8.2	10KHZ	53m	1.44	2.92
OWIRH5D28-100	10	10KHZ	65m	1.30	2.62
OWIRH5D28-120	12	10KHZ	76m	1.15	2.35
OWIRH5D28-150	15	10KHZ	103m	1.00	2.11
OWIRH5D28-180	18	10KHZ	110m	0.95	1.89
OWIRH5D28-220	22	10KHZ	122m	0.86	1.70
OWIRH5D28-270	27	10KHZ	175m	0.79	1.53
OWIRH5D28-330	33	10KHZ	189m	0.72	1.37
OWIRH5D28-390	39	10KHZ	212m	0.65	1.23
OWIRH5D28-470	47	10KHZ	260m	0.60	1.10
OWIRH5D28-560	56	10KHZ	305m	0.55	1.04
OWIRH5D28-680	68	10KHZ	355m	0.50	0.98
OWIRH5D28-820	82	10KHZ	463m	0.45	0.93
OWIRH5D28-101	100	10KHZ	520m	0.40	0.84
OWIRH5D28-121	120	10KHZ	850m	0.31	0.75
OWIRH5D28-151	150	10KHZ	956m	0.26	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.