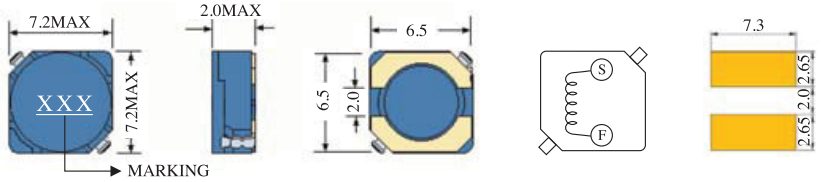
OWIRH6D18 TYPE

FEATURES

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

APPLICATIONS

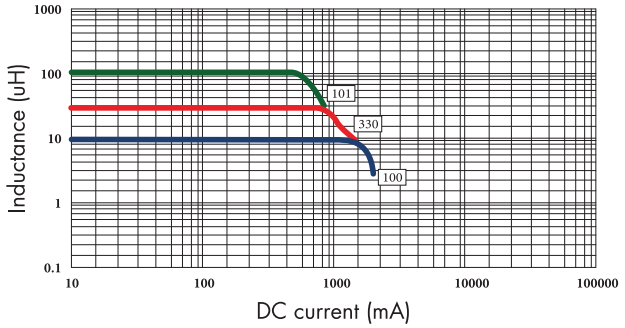
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



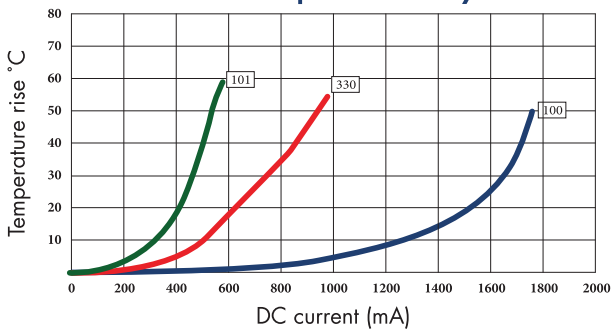
ELECTRICAL CHARACTERISTICS FOR OWIRH6D18 SERIES

Part Number	Inductance (uH)[1]	Test Frequency	DC Resistance (Ω MAX)[2]	Saturation Current (A)[3]	Temperature Current (A)[4]
OWIRH6D18-100	10	100KHZ	138m	1.40	1.50
OWIRH6D18-120	12	100KHZ	149m	1.30	1.40
OWIRH6D18-150	15	100KHZ	187m	1.20	1.30
OWIRH6D18-180	18	100KHZ	230m	1.10	1.00
OWIRH6D18-220	22	100KHZ	274m	1.00	0.90
OWIRH6D18-270	27	100KHZ	306m	0.90	0.86
OWIRH6D18-330	33	100KHZ	395m	0.86	0.77
OWIRH6D18-390	39	100KHZ	505m	0.80	0.69
OWIRH6D18-470	47	100KHZ	628m	0.73	0.63
OWIRH6D18-560	56	100KHZ	700m	0.60	0.59
OWIRH6D18-680	68	100KHZ	810m	0.55	0.59
OWIRH6D18-820	82	100KHZ	980m	0.50	0.50
OWIRH6D18-101	100	100KHZ	1.33	0.45	0.45

OWIRH6D18 Inductance decrease by current



OWIRH6D18 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.