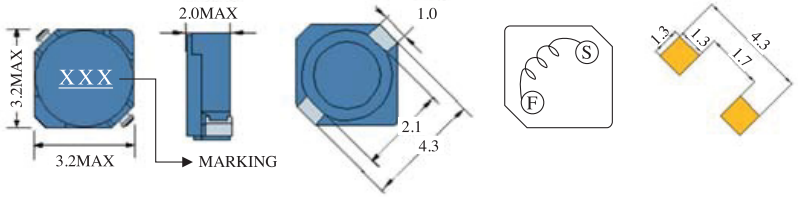
OWIRH2D18 TYPE

FEATURES

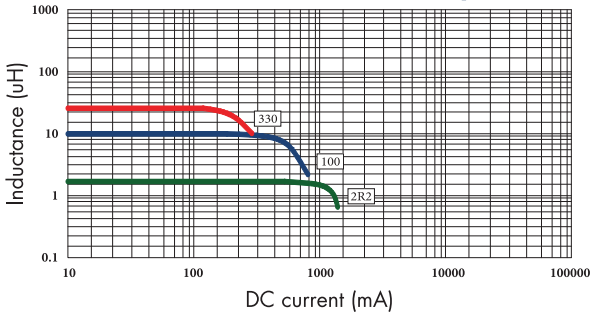
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

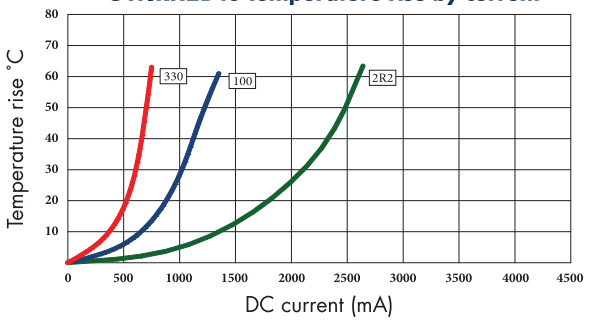
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIRH2D18 Inductance decrease by current



OWIRH2D18 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIRH2D18 SERIES

Part Number	Inductance (uH)[1]	Test Frequency	DC Resistance (Ω MAX)[2]	Saturation Current (A)[3]	Temperature Current (A)[4]
OWIRH2D18-2R2	2.2	100KHZ	43m	0.85	2.00
OWIRH2D18-3R3	3.3	100KHZ	60m	0.73	1.80
OWIRH2D18-4R7	4.7	100KHZ	85m	0.55	1.44
OWIRH2D18-6R8	6.8	100KHZ	123m	0.50	1.29
OWIRH2D18-100	10	100KHZ	201m	0.37	1.03
OWIRH2D18-150	15	100KHZ	266m	0.34	0.92
OWIRH2D18-220	22	100KHZ	382m	0.26	0.73
OWIRH2D18-330	33	100KHZ	620m	0.21	0.58

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.