



## OWIRH2D18 TYPE

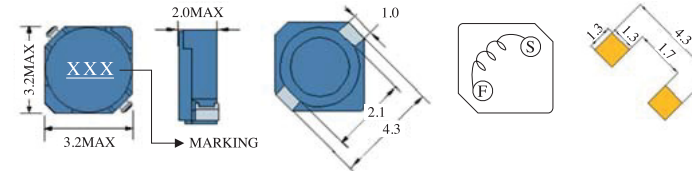


### FEATURES

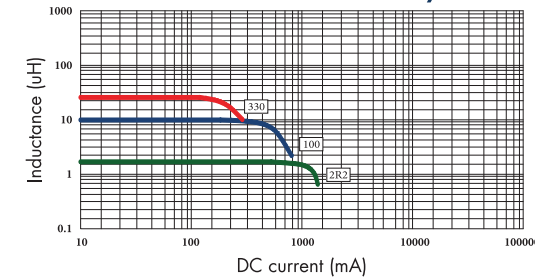
1. Various high power inductors are superior to be high saturation for surface mounting.

### APPLICATIONS

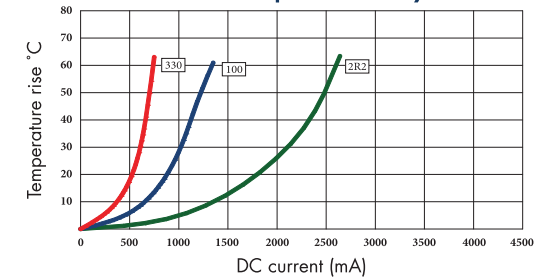
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIRH2D18 Inductance decrease by current



OWIRH2D18 Temperature rise by current



### ELECTRICAL CHARACTERISTICS FOR OWIRH2D18 SERIES

Part Number	Inductance (uH) <sup>(1)</sup>	Test Frequency	DC Resistance (Ω MAX) <sup>(2)</sup>	Saturation Current (A) <sup>(3)</sup>	Temperature Current (A) <sup>(4)</sup>
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.