



OWIR63B TYPE

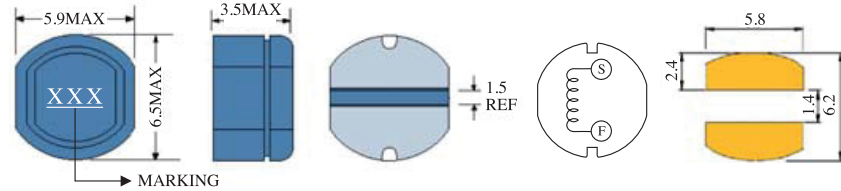


FEATURES

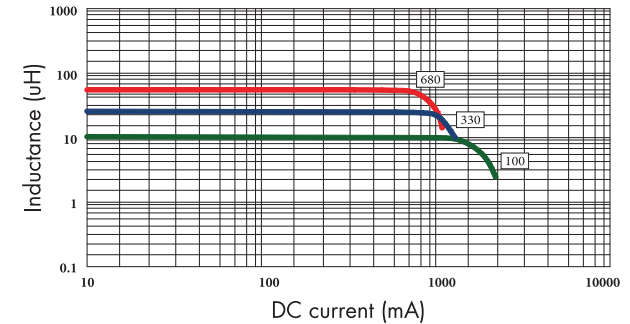
- 1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

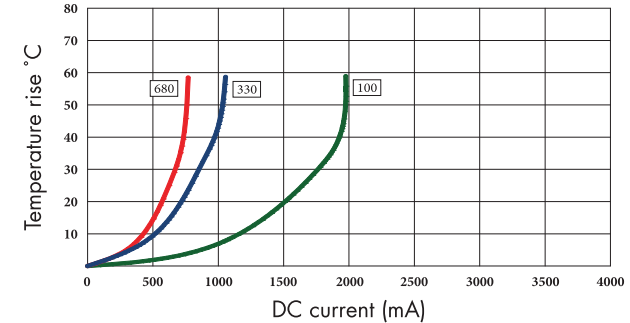
- 1. Power supply for VTR, OA equipment.
- 2. LCD television set, notebook PC.
- 3. Portable communication, equipments.
- 4. DC/DC converters, etc.



OWIR63B Inductance decrease by current



OWIR63B Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIR63B SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIR63B-100	10	2.52MHZ	0.14	1.00	1.80
OWIR63B-120	12	2.52MHZ	0.16	0.94	1.53
OWIR63B-150	15	2.52MHZ	0.18	0.86	1.37
OWIR63B-180	18	2.52MHZ	0.25	0.78	1.23
OWIR63B-220	22	2.52MHZ	0.32	0.76	1.10
OWIR63B-270	27	2.52MHZ	0.36	0.64	0.99
OWIR63B-330	33	2.52MHZ	0.41	0.61	0.89
OWIR63B-390	39	2.52MHZ	0.47	0.53	0.80
OWIR63B-470	47	2.52MHZ	0.51	0.50	0.72
OWIR63B-560	56	2.52MHZ	0.72	0.46	0.64
OWIR63B-680	68	2.52MHZ	0.82	0.42	0.57

- 1. Inductance tested at 0.25V. Tolerance of inductance: ±20%(M)
- 2. DCR test temp. limits 25 °C.
- 3. This indicates the value of current when the inductance is 10% 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.