OLE WOLFF

SMD POWER INDUCTORS

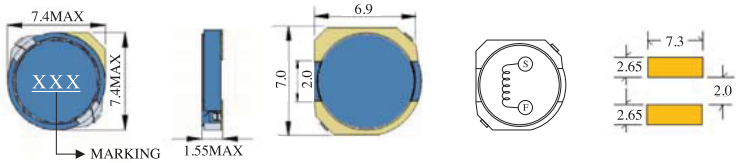
OWIRX6D15H TYPE

FEATURES

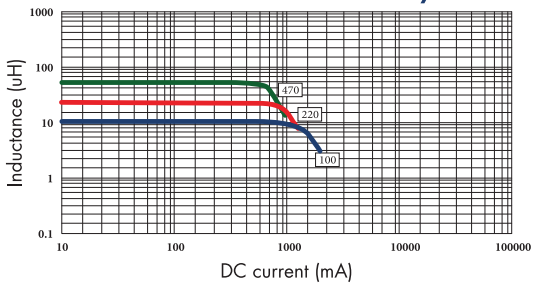
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

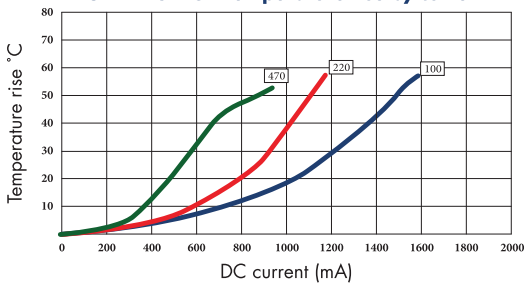
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIRX6D15H Inductance decrease by current



OWIRX6D15H Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIRX6D15H SERIES

Part Number	Inductance (uH)[1]	Test Frequency	DC Resistance (Ω MAX)[2]	Saturation Current (A)[3]	Temperature Current (A)[4]
OWIRX6D15H-100	10	100KHZ	210m	1.10	1.20
OWIRX6D15H-120	12	100KHZ	222m	1.00	1.14
OWIRX6D15H-150	15	100KHZ	276m	0.90	1.02
OWIRX6D15H-180	18	100KHZ	371m	0.80	0.96
OWIRX6D15H-220	22	100KHZ	476m	0.70	0.92
OWIRX6D15H-270	27	100KHZ	524m	0.62	0.74
OWIRX6D15H-330	33	100KHZ	586m	0.58	0.66
OWIRX6D15H-390	39	100KHZ	725m	0.52	0.65
OWIRX6D15H-470	47	100KHZ	811m	0.48	0.55

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 25% 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.

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