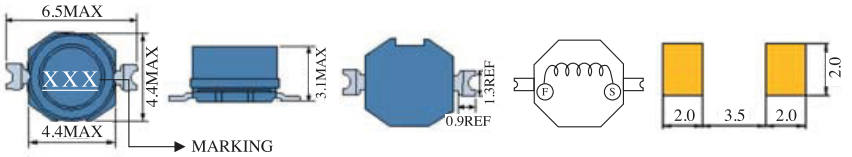
OWI3DM TYPE

FEATURES

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

APPLICATIONS

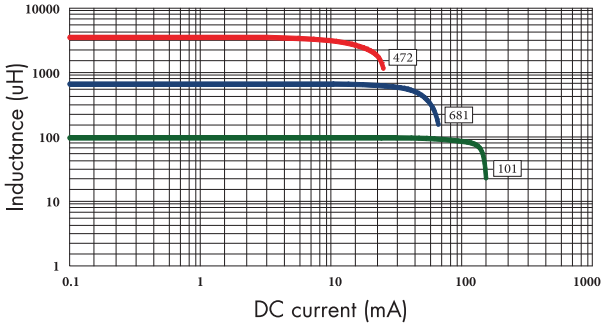
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



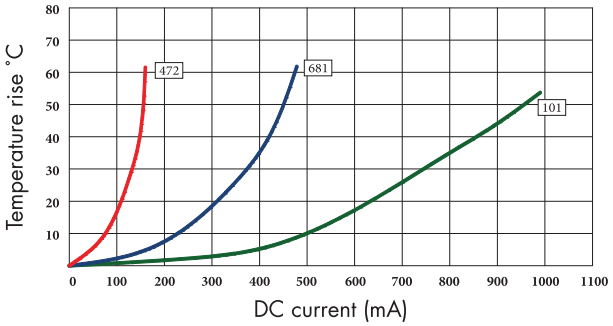
ELECTRICAL CHARACTERISTICS FOR OWI3DM SERIES

Part Number	Inductance (uH)[1]	Test Frequency	DC Resistance (Ω MAX)[2]	Saturation Current (A)[3]	Temperature Current (A)[4]
OWI3DM-101	100	100KHZ	0.65	0.032	0.80
OWI3DM-151	150	100KHZ	0.80	0.028	0.68
OWI3DM-221	220	100KHZ	1.10	0.022	0.60
OWI3DM-331	330	100KHZ	1.30	0.016	0.50
OWI3DM-471	470	100KHZ	1.90	0.014	0.42
OWI3DM-681	680	100KHZ	2.50	0.011	0.35
OWI3DM-102	1000	100KHZ	3.40	0.009	0.27
OWI3DM-152	1500	100KHZ	6.00	0.008	0.22
OWI3DM-222	2200	100KHZ	9.20	0.007	0.17
OWI3DM-332	3300	100KHZ	11.5	0.005	0.14
OWI3DM-472	4700	100KHZ	18.1	0.004	0.12

OWI3DM Inductance decrease by current



OWI3DM 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 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.