



OWI3DM TYPE

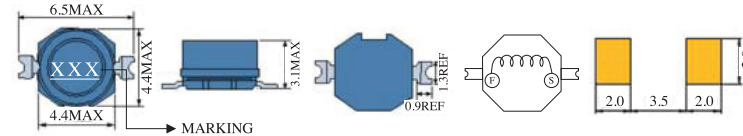


FEATURES

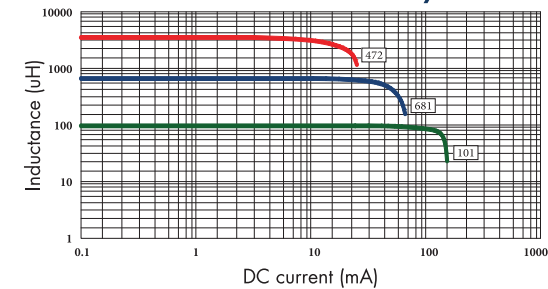
- Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

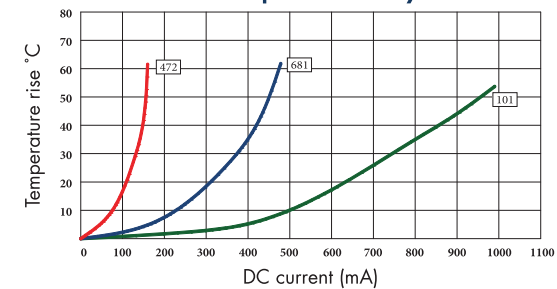
- Power supply for VTR, OA equipment.
- LCD television set, notebook PC.
- Portable communication, equipments.
- DC/DC converters, etc.



OWI3DM Inductance decrease by current



OWI3DM Temperature rise by current



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

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- Inductance tested at 0.25V. Tolerance of inductance: ±30%(N)
- DCR test temp. limits 25 °C.
- This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current.
- To load current onto the components under normal ambience, which cause the temp. change as Δt=40 °C or more lower current.
- Please refer saturated current or the minimum temperature current as standard.