



OWI6028 TYPE

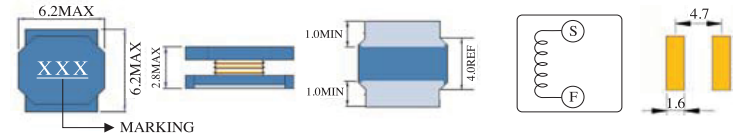


FEATURES

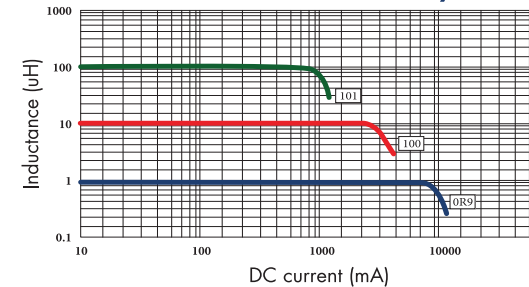
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

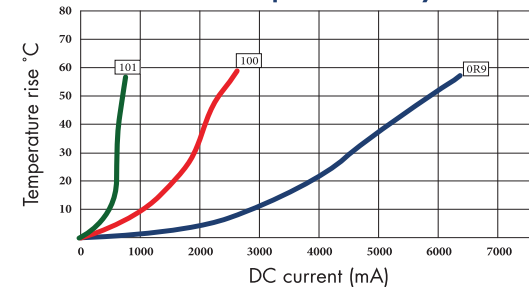
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWI6028 Inductance decrease by current



OWI6028 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI6028 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI6028-0R9	0.9	100KHZ	17.0m	6.60	4.50
OWI6028-1R5	1.5	100KHZ	21.0m	5.00	4.00
OWI6028-2R2	2.2	100KHZ	26.0m	4.20	3.60
OWI6028-3R0	3.0	100KHZ	30.0m	3.60	3.10
OWI6028-4R7	4.7	100KHZ	37.2m	2.70	2.50
OWI6028-6R0	6.0	100KHZ	48.0m	2.50	2.20
OWI6028-100	10	100KHZ	78.0m	1.90	1.90
OWI6028-150	15	100KHZ	114m	1.60	1.60
OWI6028-220	22	100KHZ	180m	1.30	1.20
OWI6028-330	33	100KHZ	264m	1.10	1.00
OWI6028-470	47	100KHZ	360m	0.95	0.85
OWI6028-680	68	100KHZ	504m	0.76	0.70
OWI6028-101	100	100KHZ	720m	0.62	0.60

1. Inductance tested at 0.25V. Tolerance of inductance: 0.9uH~3.0uH: ±30%(N) 4.7uH~100uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 3% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambient 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.