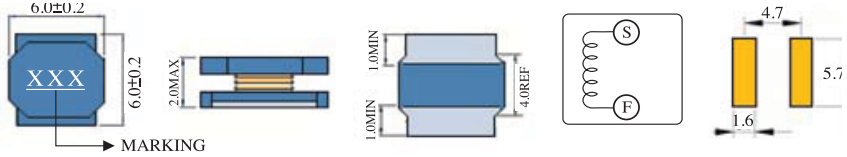
OWI6020 TYPE

FEATURES

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

APPLICATIONS

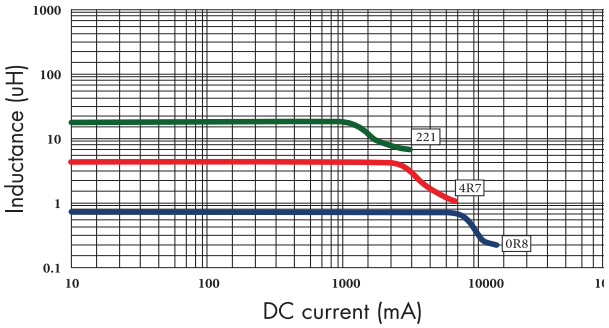
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



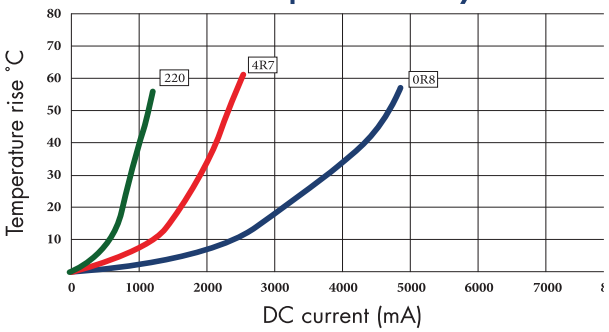
ELECTRICAL CHARACTERISTICS FOR OWI6020 SERIES

Part Number	Inductance (uH)[1]	Test Frequency	DC Resistance (Ω MAX)[2]	Saturation Current (A)[3]	Temperature Current (A)[4]
OWI6020-0R8	0.8	100KHZ	26.0m	5.50	3.90
OWI6020-1R5	1.5	100KHZ	33.8m	4.00	3.20
OWI6020-2R2	2.2	100KHZ	44.2m	3.20	2.80
OWI6020-3R3	3.3	100KHZ	52.0m	2.80	2.35
OWI6020-4R7	4.7	100KHZ	75.4m	2.40	1.85
OWI6020-6R8	6.8	100KHZ	110.5m	2.00	1.60
OWI6020-100	10	100KHZ	150.0m	1.70	1.30
OWI6020-220	22	100KHZ	348.0m	1.05	0.90

OWI6020 Inductance decrease by current



OWI6020 Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance: 0.8uH~6.8uH: ±30%(N) 10uH~22uH: ±20%(M)
2. DCR test temp. limits 25°C.
3. This indicates the value of current when the inductance is 30' lower than its initial value at D.C. superposition or D.C. currer
4. To load current onto the components under normal ambienc 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.