



**OWI6020 TYPE**

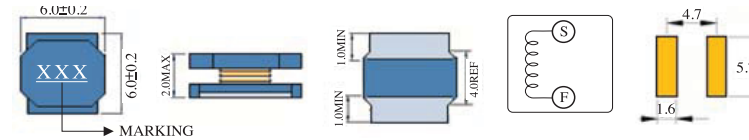


**FEATURES**

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

**APPLICATIONS**

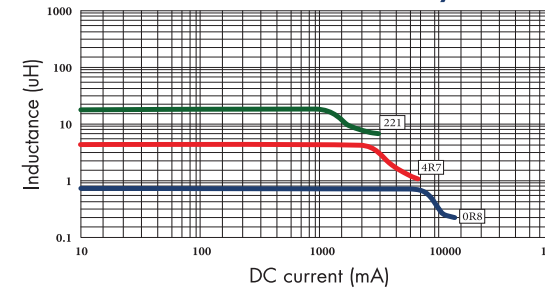
- 1. Power supply for VTR, OA equipment.
- 2. LCD television set, notebook PC.
- 3. Portable communication, equipments.
- 4. DC/DC converters, etc.



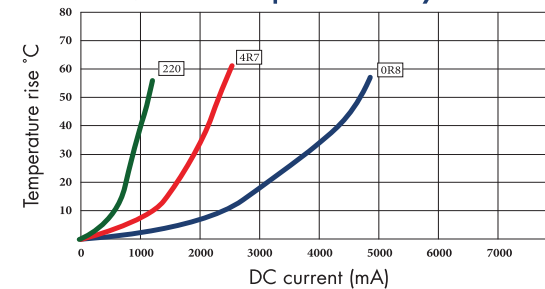
**ELECTRICAL CHARACTERISTICS FOR OWI6020 SERIES**

Part Number	Inductance (uH) <sup>(1)</sup>	Test Frequency	DC Resistance (Ω MAX) <sup>(2)</sup>	Saturation Current (A) <sup>(3)</sup>	Temperature Current (A) <sup>(4)</sup>
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. curren
- 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.