



OWIRH62 TYPE

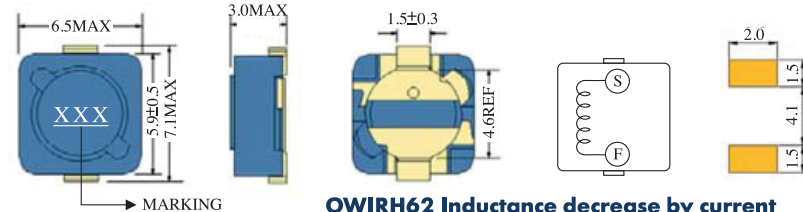


FEATURES

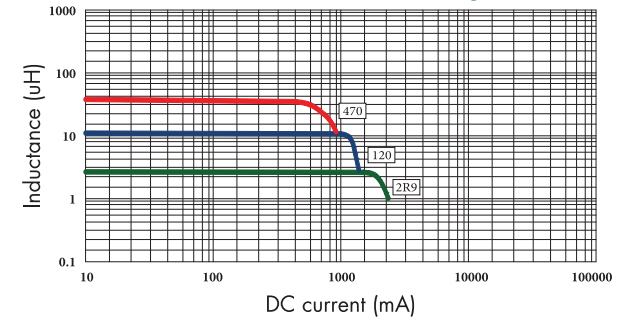
- 1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

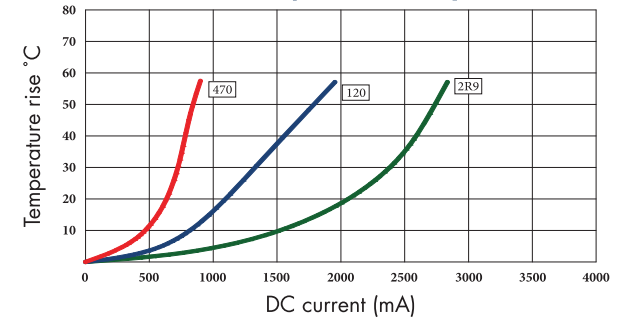
- 1. Power supply for VTR, OA equipment.
- 2. LCD television set, notebook PC.
- 3. Portable communication, equipments.
- 4. DC/DC converters, etc.



OWIRH62 Inductance decrease by current



OWIRH62 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIRH62 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIRH62-2R9	2.9	100KHZ	68m	1.94	2.50
OWIRH62-4R0	4.0	100KHZ	80m	1.63	2.00
OWIRH62-5R5	5.5	100KHZ	96m	1.40	1.80
OWIRH62-6R3	6.3	100KHZ	0.10	1.30	1.62
OWIRH62-7R1	7.1	100KHZ	0.11	1.22	1.53
OWIRH62-8R0	8.0	100KHZ	0.12	1.15	1.46
OWIRH62-100	10	100KHZ	0.15	1.10	1.38
OWIRH62-120	12	100KHZ	0.20	1.00	1.24
OWIRH62-150	15	100KHZ	0.23	0.90	1.17
OWIRH62-180	18	100KHZ	0.27	0.80	1.05
OWIRH62-220	22	100KHZ	0.34	0.74	0.99
OWIRH62-270	27	100KHZ	0.38	0.66	0.89
OWIRH62-330	33	100KHZ	0.45	0.59	0.84
OWIRH62-390	39	100KHZ	0.49	0.54	0.79
OWIRH62-470	47	100KHZ	0.69	0.50	0.75

1. Inductance tested at 0.25V. Tolerance of inductance: 2.9uH~8.0uH: ±30%(N) 10uH~47uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 25% 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.