



OWIB127C TYPE

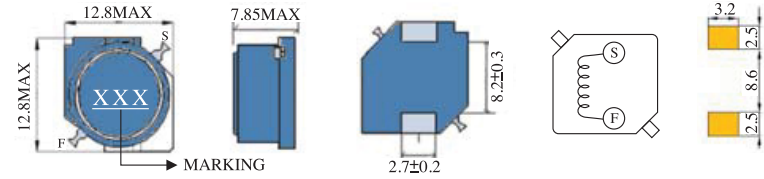


FEATURES

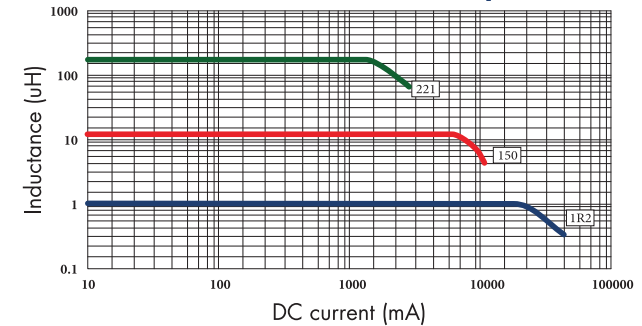
- 1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

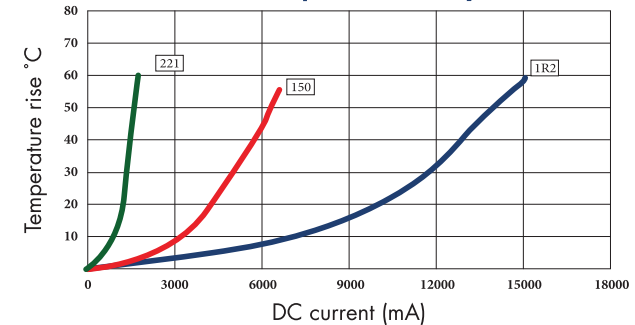
- 1. Power supply for VTR, OA equipment.
- 2. LCD television set, notebook PC.
- 3. Portable communication, equipments.
- 4. DC/DC converters, etc.



OWIB127C Inductance decrease by current



OWIB127C Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIB127C SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIB127C-1R2	1.2	1KHZ	11.0m	13.0	12.0
OWIB127C-2R7	2.7	1KHZ	13.0m	10.0	10.5
OWIB127C-3R9	3.9	1KHZ	14.5m	9.0	8.80
OWIB127C-5R2	5.2	1KHZ	15.6m	7.8	8.00
OWIB127C-6R8	6.8	1KHZ	19.5m	7.2	6.80
OWIB127C-100	10	1KHZ	28.0m	5.5	5.70
OWIB127C-150	15	1KHZ	30.0m	4.7	5.10
OWIB127C-220	22	1KHZ	46.0m	4.0	4.10
OWIB127C-330	33	1KHZ	54.0m	3.2	3.50
OWIB127C-470	47	1KHZ	87.0m	2.7	2.50
OWIB127C-680	68	1KHZ	105m	2.0	2.20
OWIB127C-101	100	1KHZ	160m	1.9	1.80
OWIB127C-151	150	1KHZ	205m	1.5	1.64
OWIB127C-221	220	1KHZ	300m	1.3	1.30

- 1. Inductance tested at 0.25V. Tolerance of inductance: 1.2uH~6.8uH: ±30%(N) 10uH~220uH: ±20%(M)
- 2. DCR test temp. limits 25 °C.
- 3. This indicates the value of current when the inductance is 10% 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.