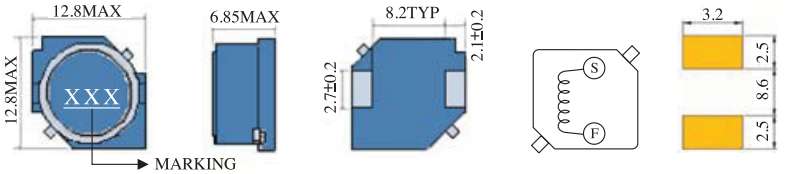
OWIB126C TYPE

FEATURES

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

APPLICATIONS

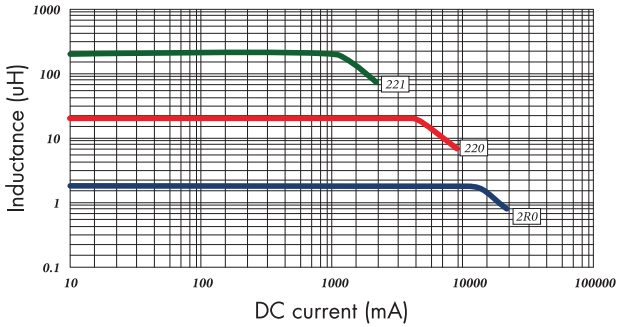
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



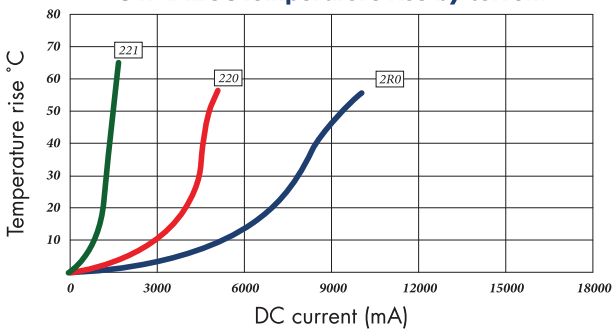
ELECTRICAL CHARACTERISTICS FOR OWIB126C SERIES

Part Number	Inductance (uH)[1]	Test Frequency	DC Resistance (Ω MAX)[2]	Saturation Current (A)[3]	Temperature Current (A)[4]
OWIB126C-2R0	2.0	1KHZ	15m	10	7.70
OWIB126C-4R2	4.2	1KHZ	18m	7.3	7.00
OWIB126C-7R0	7.0	1KHZ	22m	5.7	6.50
OWIB126C-100	10	1KHZ	27m	5.0	6.10
OWIB126C-150	15	1KHZ	31m	4.2	5.22
OWIB126C-220	22	1KHZ	45m	3.5	4.45
OWIB126C-330	33	1KHZ	60m	2.8	3.40
OWIB126C-470	47	1KHZ	80m	2.4	2.80
OWIB126C-680	68	1KHZ	108m	2.0	2.40
OWIB126C-101	100	1KHZ	150m	1.6	1.90
OWIB126C-221	220	1KHZ	350m	1.0	1.20

OWIB126C Inductance decrease by current



OWIB126C Temperature rise by current



1. *Inductance tested at 0.25V. Tolerance of inductance: 2.0uH~7.0uH: ±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.*