



OWIB63C TYPE

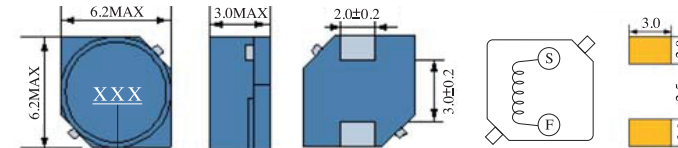


FEATURES

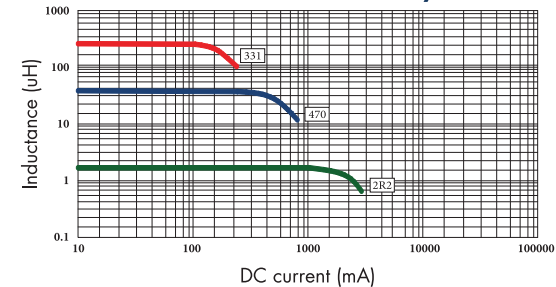
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

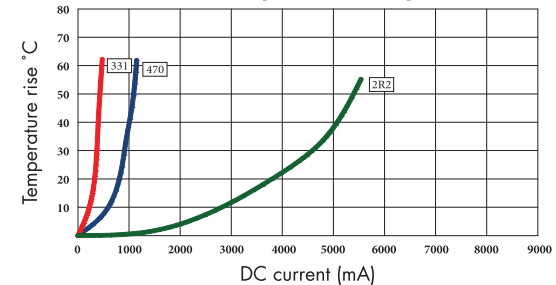
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIB63C Inductance decrease by current



OWIB63C Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIB63C SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIB63C-2R2	2.2	1KHZ	39m	1.60	3.80
OWIB63C-3R3	3.3	1KHZ	49m	1.40	3.00
OWIB63C-4R7	4.7	1KHZ	63m	1.15	2.70
OWIB63C-6R8	6.8	1KHZ	75m	0.90	2.40
OWIB63C-100	10	1KHZ	94m	0.80	2.00
OWIB63C-120	12	1KHZ	115m	0.60	1.80
OWIB63C-150	15	1KHZ	135m	0.59	1.62
OWIB63C-180	18	1KHZ	152m	0.57	1.45
OWIB63C-220	22	1KHZ	191m	0.53	1.30
OWIB63C-270	27	1KHZ	214m	0.44	1.17
OWIB63C-330	33	1KHZ	259m	0.42	1.12
OWIB63C-390	39	1KHZ	299m	0.33	1.00
OWIB63C-470	47	1KHZ	356m	0.32	0.95
OWIB63C-560	56	1KHZ	401m	0.30	0.90
OWIB63C-680	68	1KHZ	473m	0.27	0.80
OWIB63C-820	82	1KHZ	572m	0.25	0.70
OWIB63C-101	100	1KHZ	670m	0.24	0.63
OWIB63C-121	120	1KHZ	860m	0.23	0.56
OWIB63C-151	150	1KHZ	990m	0.20	0.53
OWIB63C-181	180	1KHZ	1.27	0.14	0.48
OWIB63C-221	220	1KHZ	1.80	0.13	0.41
OWIB63C-271	270	1KHZ	1.96	0.12	0.36
OWIB63C-331	330	1KHZ	2.32	0.11	0.34

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1. Inductance tested at 0.25V. Tolerance of inductance: 2.2uH~6.8uH: ±30%(N) 10uH~330uH: ±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.