



### OWIB63C TYPE

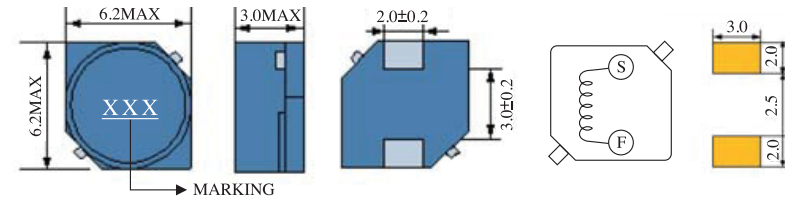


#### FEATURES

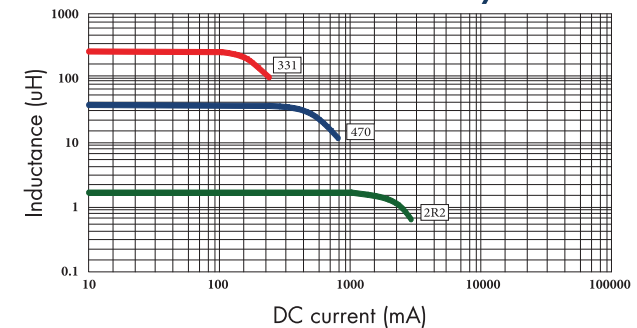
- 1. Various high power inductors are superior to be high saturation for surface mounting.

#### APPLICATIONS

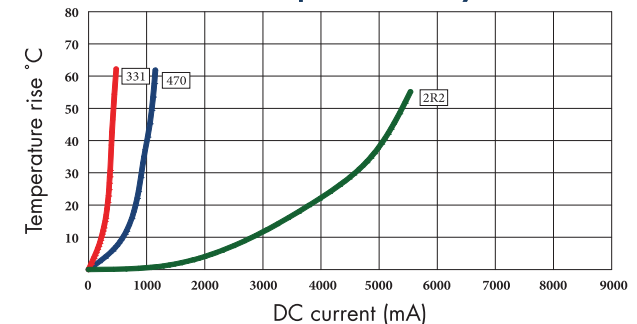
- 1. Power supply for VTR, OA equipment.
- 2. LCD television set, notebook PC.
- 3. Portable communication, equipments.
- 4. DC/DC converters, etc.



OWIB63C Inductance decrease by current



OWIB63C Temperature rise by current



### ELECTRICAL CHARACTERISTICS FOR OWIB63C SERIES

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

- 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.