



### OWIB75C TYPE

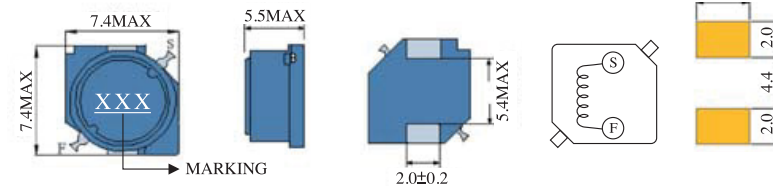


#### FEATURES

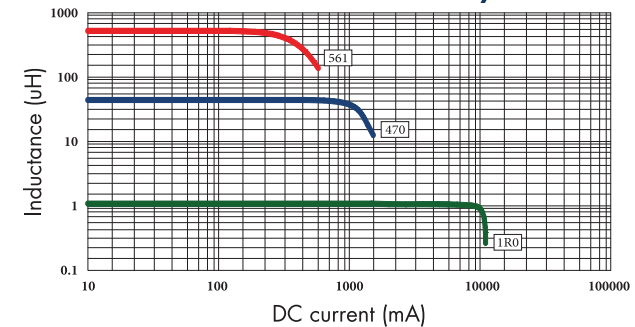
- 1. Various high power inductors are superior to be high saturation for surface mounting.

#### APPLICATIONS

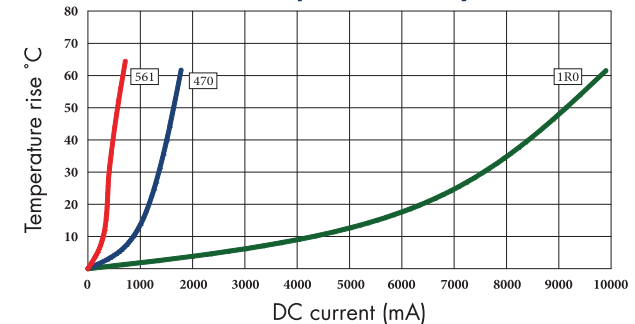
- 1. Power supply for VTR, OA equipment.
- 2. LCD television set, notebook PC.
- 3. Portable communication, equipments.
- 4. DC/DC converters, etc.



OWIB75C Inductance decrease by current



OWIB75C Temperature rise by current



### ELECTRICAL CHARACTERISTICS FOR OWIB75C 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>
OWIB75C-1R0	1.0	1KHZ	23m	2.88	7.00
OWIB75C-1R5	1.5	1KHZ	27m	2.61	6.30
OWIB75C-2R2	2.2	1KHZ	30m	2.46	4.84
OWIB75C-3R3	3.3	1KHZ	35m	2.28	3.80
OWIB75C-4R7	4.7	1KHZ	41m	2.08	3.42
OWIB75C-6R8	6.8	1KHZ	47m	1.94	3.07
OWIB75C-100	10	1KHZ	50m	1.68	2.60
OWIB75C-120	12	1KHZ	70m	1.54	2.34
OWIB75C-150	15	1KHZ	80m	1.39	2.10
OWIB75C-180	18	1KHZ	90m	1.26	1.89
OWIB75C-220	22	1KHZ	0.11	1.13	1.70
OWIB75C-270	27	1KHZ	0.15	1.02	1.62
OWIB75C-330	33	1KHZ	0.17	0.84	1.52
OWIB75C-390	39	1KHZ	0.20	0.80	1.36
OWIB75C-470	47	1KHZ	0.23	0.76	1.27
OWIB75C-560	56	1KHZ	0.28	0.64	1.20
OWIB75C-680	68	1KHZ	0.32	0.60	1.14
OWIB75C-820	82	1KHZ	0.39	0.57	1.08
OWIB75C-101	100	1KHZ	0.44	0.50	0.96
OWIB75C-121	120	1KHZ	0.48	0.47	0.91
OWIB75C-151	150	1KHZ	0.73	0.40	0.81
OWIB75C-181	180	1KHZ	0.78	0.39	0.72
OWIB75C-221	220	1KHZ	0.94	0.33	0.64
OWIB75C-271	270	1KHZ	1.25	0.31	0.58
OWIB75C-331	330	1KHZ	1.40	0.27	0.49
OWIB75C-391	390	1KHZ	1.52	0.27	0.44
OWIB75C-471	470	1KHZ	1.90	0.25	0.42
OWIB75C-561	560	1KHZ	2.39	0.22	0.40

1. Inductance tested at 0.25V. Tolerance of inductance: 1.0uH~6.8uH: ±30%(N) 10uH~560uH: ±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.