



OWI73B TYPE

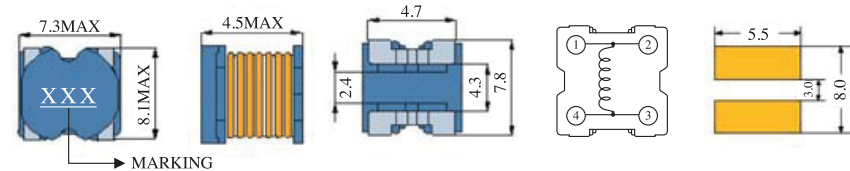


FEATURES

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

APPLICATIONS

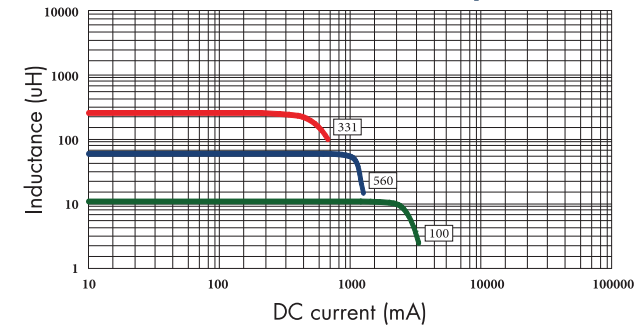
- 1. Power supply for VTR, OA equipment.
- 2. LCD television set, notebook PC.
- 3. Portable communication, equipments.
- 4. DC/DC converters, etc.



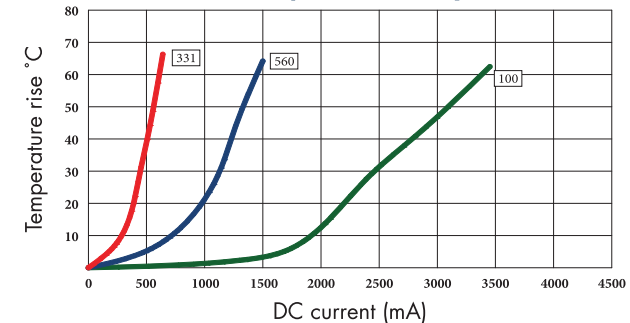
ELECTRICAL CHARACTERISTICS FOR OWI73B SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI73B-100	10	2.52MHZ	0.08	1.44	2.40
OWI73B-120	12	2.52MHZ	0.09	1.39	2.20
OWI73B-150	15	2.52MHZ	0.10	1.24	2.00
OWI73B-180	18	2.52MHZ	0.11	1.12	1.80
OWI73B-220	22	2.52MHZ	0.13	1.07	1.65
OWI73B-270	27	2.52MHZ	0.17	0.94	1.50
OWI73B-330	33	2.52MHZ	0.20	0.85	1.40
OWI73B-390	39	2.52MHZ	0.22	0.74	1.30
OWI73B-470	47	2.52MHZ	0.29	0.68	1.22
OWI73B-560	56	2.52MHZ	0.34	0.64	1.13
OWI73B-680	68	2.52MHZ	0.40	0.59	1.05
OWI73B-820	82	2.52MHZ	0.47	0.54	0.96
OWI73B-101	100	1KHZ	0.50	0.51	0.88
OWI73B-121	120	1KHZ	0.66	0.49	0.80
OWI73B-151	150	1KHZ	0.75	0.40	0.72
OWI73B-181	180	1KHZ	1.02	0.36	0.62
OWI73B-221	220	1KHZ	1.20	0.31	0.54
OWI73B-271	270	1KHZ	1.31	0.29	0.48
OWI73B-331	330	1KHZ	1.76	0.28	0.44

OWI73B Inductance decrease by current



OWI73B Temperature rise by current



- 1. Inductance tested at 0.25V. Tolerance of inductance: ±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.