



OWI104B TYPE

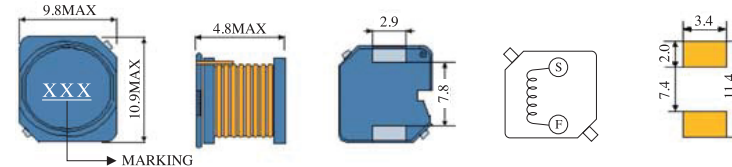


FEATURES

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.

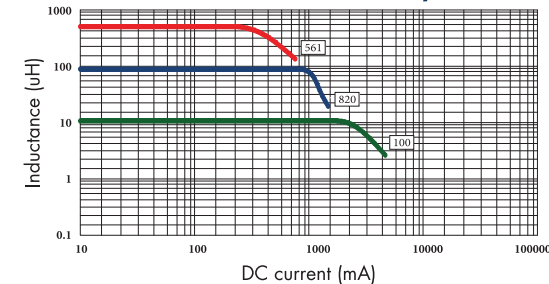


ELECTRICAL CHARACTERISTICS FOR OWI104B SERIES

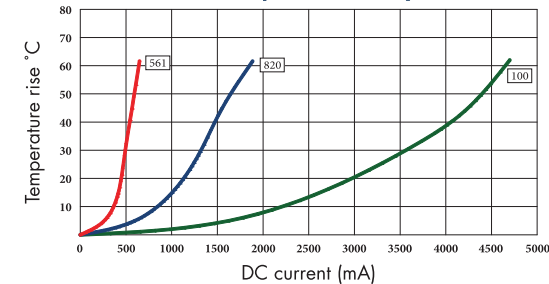
Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI104B-100	10	2.52MHZ	53m	2.38	3.60
OWI104B-120	12	2.52MHZ	61m	2.13	3.20
OWI104B-150	15	2.52MHZ	70m	1.87	2.90
OWI104B-180	18	2.52MHZ	90m	1.73	2.70
OWI104B-220	22	2.52MHZ	100m	1.60	2.30
OWI104B-270	27	2.52MHZ	124m	1.44	2.10
OWI104B-330	33	2.52MHZ	140m	1.26	1.90
OWI104B-390	39	2.52MHZ	151m	1.20	1.80
OWI104B-470	47	2.52MHZ	195m	1.10	1.60
OWI104B-560	56	2.52MHZ	220m	1.01	1.55
OWI104B-680	68	2.52MHZ	260m	0.91	1.50
OWI104B-820	82	2.52MHZ	310m	0.85	1.30
OWI104B-101	100	1KHZ	344m	0.74	1.20
OWI104B-121	120	1KHZ	396m	0.69	1.08
OWI104B-151	150	1KHZ	554m	0.61	0.98
OWI104B-181	180	1KHZ	621m	0.56	0.88
OWI104B-221	220	1KHZ	721m	0.53	0.80
OWI104B-271	270	1KHZ	949m	0.45	0.74
OWI104B-331	330	1KHZ	1.100	0.42	0.64
OWI104B-391	390	1KHZ	1.245	0.38	0.54
OWI104B-471	470	1KHZ	1.526	0.35	0.50
OWI104B-561	560	1KHZ	1.904	0.32	0.48

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OWI104B Inductance decrease by current



OWI104B 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.