



OWI1608C TYPE

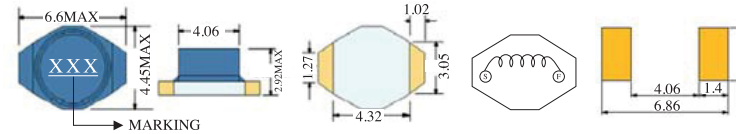


FEATURES

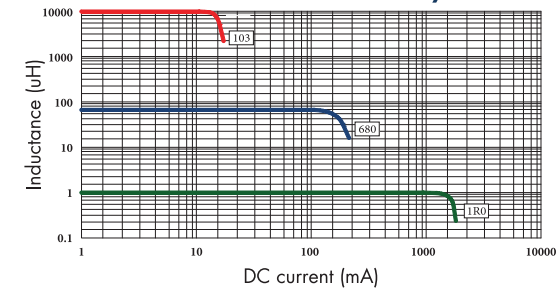
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

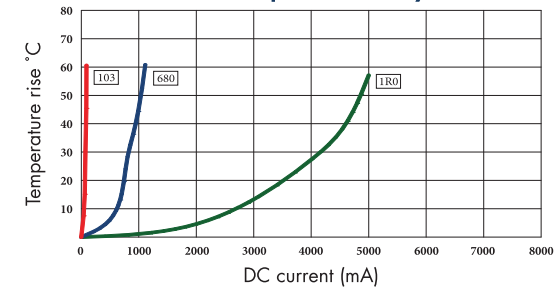
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWI1608C Inductance decrease by current



OWI1608C Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI1608C SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI1608C-1R0	1.0	100KHZ	40m	1.40	4.00
OWI1608C-1R5	1.5	100KHZ	45m	0.93	3.24
OWI1608C-2R2	2.2	100KHZ	50m	0.92	2.91
OWI1608C-3R3	3.3	100KHZ	55m	0.75	2.61
OWI1608C-4R7	4.7	100KHZ	60m	0.58	2.47
OWI1608C-6R8	6.8	100KHZ	65m	0.45	2.22
OWI1608C-100	10	100KHZ	75m	0.37	2.00
OWI1608C-150	15	100KHZ	90m	0.31	1.70
OWI1608C-220	22	100KHZ	138m	0.30	1.44
OWI1608C-330	33	100KHZ	190m	0.27	1.15
OWI1608C-470	47	100KHZ	230m	0.24	1.03
OWI1608C-680	68	100KHZ	340m	0.17	0.80
OWI1608C-101	100	100KHZ	480m	0.13	0.72
OWI1608C-151	150	100KHZ	750m	0.10	0.64
OWI1608C-221	220	100KHZ	1.22	0.09	0.48
OWI1608C-331	330	100KHZ	1.83	0.07	0.40
OWI1608C-471	470	100KHZ	2.85	0.06	0.32
OWI1608C-681	680	100KHZ	3.60	0.055	0.28
OWI1608C-102	1000	100KHZ	5.35	0.045	0.22

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1. Inductance tested at 0.25V. Tolerance of inductance:±30%(N)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 30% 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.