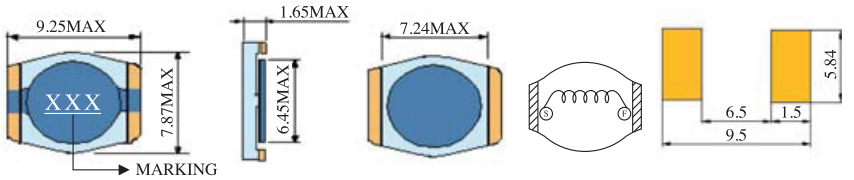
OWI2506 TYPE

FEATURES

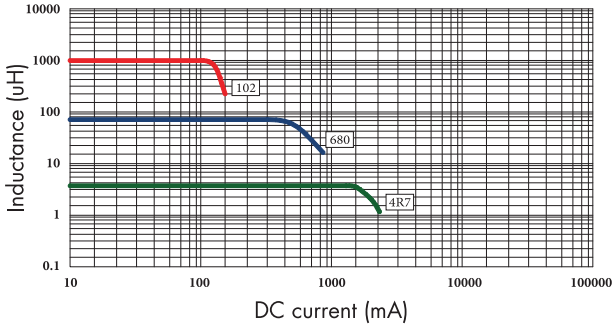
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

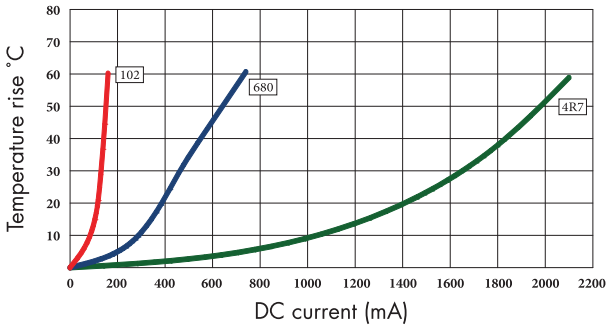
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWI2506 Inductance decrease by current



OWI2506 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI2506 SERIES

Part Number	Inductance (uH)[1]	Test Frequency	DC Resistance (Ω MAX)[2]	Saturation Current (A)[3]	Temperature Current (A)[4]
OWI2506-4R7	4.7	100KHZ	145m	1.60	1.60
OWI2506-6R8	6.8	100KHZ	165m	1.30	1.50
OWI2506-100	10	100KHZ	240m	1.00	1.10
OWI2506-150	15	100KHZ	300m	0.90	0.90
OWI2506-220	22	100KHZ	420m	0.70	0.78
OWI2506-330	33	100KHZ	650m	0.60	0.68
OWI2506-470	47	100KHZ	880m	0.50	0.56
OWI2506-680	68	100KHZ	1.30	0.40	0.48
OWI2506-101	100	100KHZ	2.00	0.30	0.40
OWI2506-151	150	100KHZ	3.40	0.25	0.30
OWI2506-221	220	100KHZ	4.60	0.22	0.24
OWI2506-331	330	100KHZ	7.30	0.18	0.19
OWI2506-471	470	100KHZ	12.0	0.14	0.16
OWI2506-681	680	100KHZ	15.3	0.12	0.14
OWI2506-102	1000	100KHZ	20.6	0.10	0.13

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.