



OWI3316F TYPE

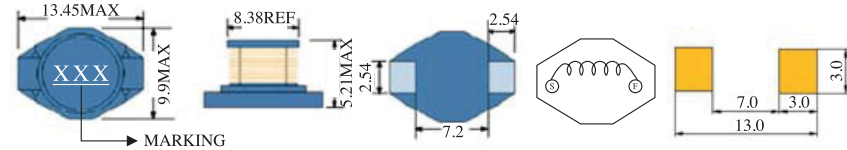


FEATURES

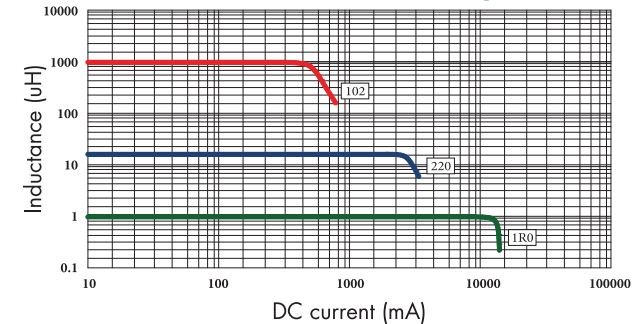
- 1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

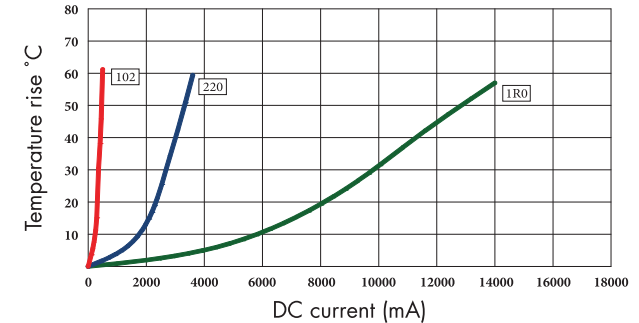
- 1. Power supply for VTR, OA equipment.
- 2. LCD television set, notebook PC.
- 3. Portable communication, equipments.
- 4. DC/DC converters, etc.



OWI3316F Inductance decrease by current



OWI3316F Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI3316F SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWI3316F-1R0	1.0	100KHZ	9m	9.0	9.80
OWI3316F-1R5	1.5	100KHZ	10m	8.0	9.20
OWI3316F-2R2	2.2	100KHZ	13m	7.0	7.00
OWI3316F-3R3	3.3	100KHZ	15m	6.4	6.50
OWI3316F-4R7	4.7	100KHZ	18m	5.4	5.60
OWI3316F-6R8	6.8	100KHZ	27m	4.6	4.50
OWI3316F-100	10	100KHZ	38m	3.8	3.90
OWI3316F-150	15	100KHZ	56m	3.0	3.10
OWI3316F-220	22	100KHZ	85m	2.6	2.70
OWI3316F-330	33	100KHZ	0.10	2.0	2.10
OWI3316F-470	47	100KHZ	0.16	1.6	1.80
OWI3316F-680	68	100KHZ	0.22	1.4	1.50
OWI3316F-101	100	100KHZ	0.28	1.2	1.30
OWI3316F-151	150	100KHZ	0.40	1.0	1.00
OWI3316F-221	220	100KHZ	0.61	0.8	0.80
OWI3316F-331	330	100KHZ	1.02	0.6	0.68
OWI3316F-471	470	100KHZ	1.27	0.5	0.60
OWI3316F-681	680	100KHZ	2.20	0.4	0.42
OWI3316F-102	1000	100KHZ	3.00	0.3	0.34

- 1. Inductance tested at 0.25V. Tolerance of inductance: 1.0uH~3.3uH: ±30%(N) 4.7uH~1000uH: ±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.