OLE WOLFF

SMD POWER INDUCTORS

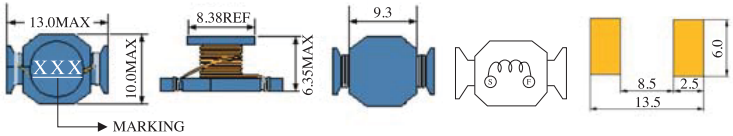
OWI3316FH TYPE

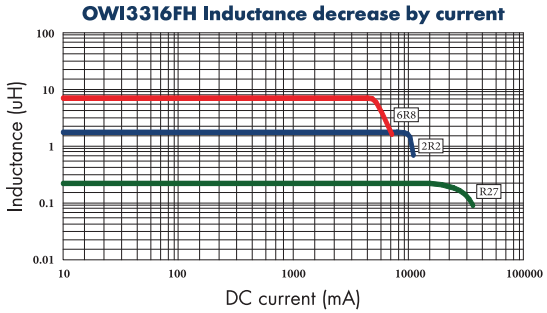
FEATURES

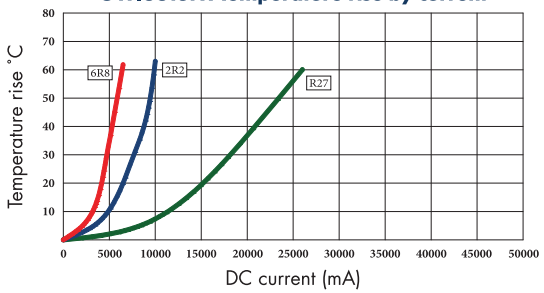
1. Various high power inductors are superior to be high saturation for surface mounting.

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 OWI3316FH SERIES

Part Number	Inductance (uH)[1]	Test Frequency	DC Resistance (Ω MAX)[2]	Saturation Current (A)[3]	Temperature Current (A)[4]
OWI3316FH-R27	0.27	100KHZ	2m	20.0	17.8
OWI3316FH-R56	0.56	100KHZ	5m	13.0	11.5
OWI3316FH-1R0	1.0	100KHZ	6m	11.0	10.5
OWI3316FH-1R5	1.5	100KHZ	8m	9.0	8.5
OWI3316FH-2R2	2.2	100KHZ	11m	7.8	7.4
OWI3316FH-2R7	2.7	100KHZ	12m	7.0	6.4
OWI3316FH-3R3	3.3	100KHZ	14m	6.4	6.4
OWI3316FH-4R7	4.7	100KHZ	18m	5.4	5.4
OWI3316FH-6R8	6.8	100KHZ	22m	5.0	4.5

1. Inductance tested at 0.25V. Tolerance of inductance:
   0.27uH~3.3uH: ±30%(N) 4.7uH~6.8uH: ±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.

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