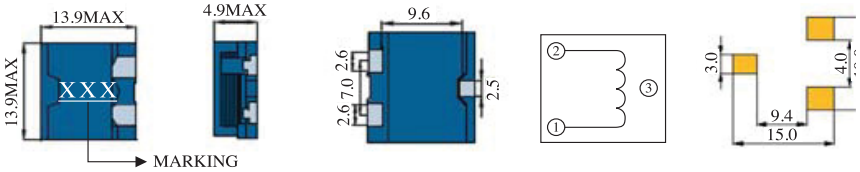
OWIEP134S TYPE

FEATURES

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

APPLICATIONS

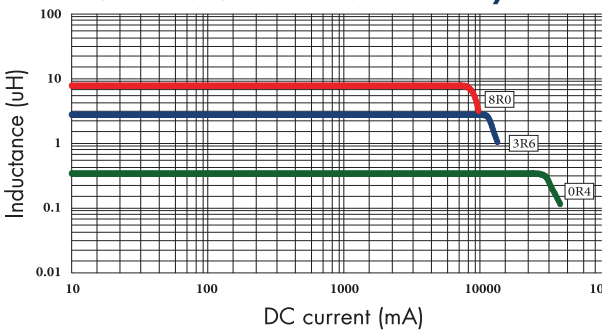
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



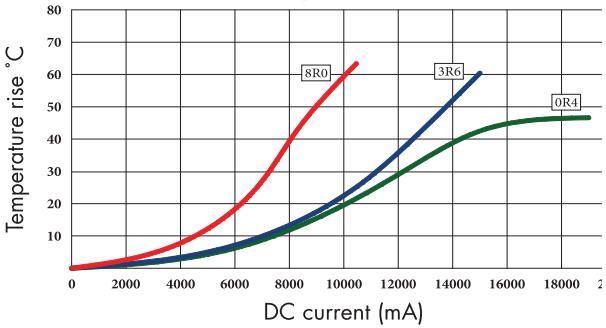
ELECTRICAL CHARACTERISTICS FOR OWIEP134S SERIES

Part Number	Inductance (uH)(1)	Test Frequency	DC Resistance (Ω MAX)(2)	Saturation Current (A)(3)	Temperature Current (A)(4)
OWIEP134S-R40	0.4	100KHZ	2.5m	32.0	19.0
OWIEP134S-R90	0.9	100KHZ	3.2m	21.6	17.0
OWIEP134S-1R6	1.6	100KHZ	4.0m	16.0	16.0
OWIEP134S-2R5	2.5	100KHZ	6.6m	12.8	12.5
OWIEP134S-3R6	3.6	100KHZ	10.8m	10.9	10.8
OWIEP134S-4R8	4.8	100KHZ	12.0m	9.3	9.8
OWIEP134S-6R4	6.4	100KHZ	16.3m	8.0	8.5
OWIEP134S-8R0	8.0	100KHZ	18.4m	7.2	7.0

OWIEP134S Inductance decrease by current



OWIEP134S Temperature rise by current



1. Inductance tested at 0.25V. Tolerance of inductance:
   0.4uH: ±30%(N) 0.9uH~8.0uH: ±20%(M)
2. DCR test temp. limits 25°C.
3. This indicates the value of current when the inductance is 25%
   lower than its initial value at D.C. superposition or D.C. curren
4. To load current onto the components under normal ambienc
   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.