



OWIEP134H TYPE

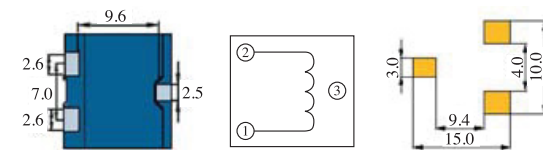
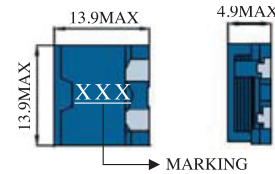


FEATURES

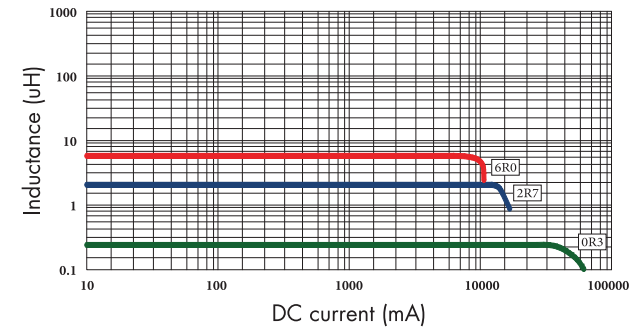
- 1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

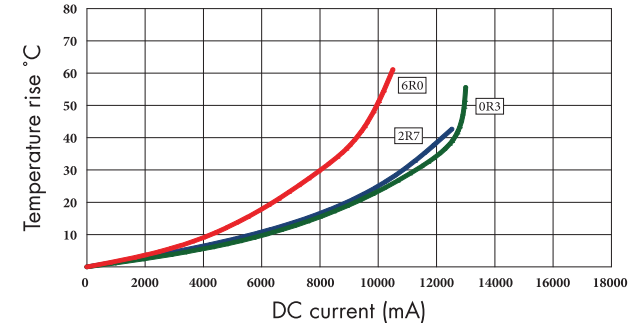
- 1. Power supply for VTR, OA equipment.
- 2. LCD television set, notebook PC.
- 3. Portable communication, equipments.
- 4. DC/DC converters, etc.



OWIEP134H Inductance decrease by current



OWIEP134H Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIEP134H SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIEP134H-R30	0.3	100KHZ	2.5m	35.0	18.0
OWIEP134H-R66	0.66	100KHZ	3.2m	29.6	17.0
OWIEP134H-1R2	1.2	100KHZ	4.0m	21.0	15.0
OWIEP134H-1R8	1.8	100KHZ	6.6m	17.6	13.6
OWIEP134H-2R7	2.7	100KHZ	10.8m	14.7	12.0
OWIEP134H-3R6	3.6	100KHZ	12.0m	12.5	10.0
OWIEP134H-4R8	4.8	100KHZ	16.3m	11.0	9.0
OWIEP134H-6R0	6.0	100KHZ	18.4m	9.6	8.0

- 1. Inductance tested at 0.25V. Tolerance of inductance: 0.3uH~0.66uH: ±30%(N) 1.2uH~6.0uH: ±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. 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.