







OWIEP 147L TYPE



FEATURES

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

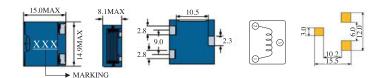
APPLICATIONS

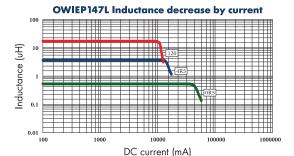
- 1. Power supply for VTR, OA equipment.
- 2. LCD television set, notebook PC.
- 3. Portable communication, equipments.
- 4. DC/DC converters, etc.

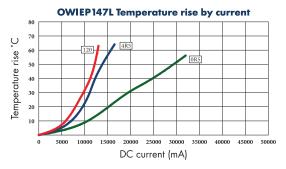
ELECTRICAL CHARACTERISTICS FOR OWIEP147L SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIEP147L-R50	0.5	100KHZ	2.10m	39.6	24.0
OWIEP147L-1R1	1.1	100KHZ	2.65m	26.4	22.0
OWIEP147L-2R0	2.0	100KHZ	3.50m	19.6	19.5
OWIEP147L-3R1	3.1	100KHZ	3.90m	16.0	16.2
OWIEP147L-4R5	4.5	100KHZ	5.50m	13.6	14.0
OWIEP147L-6R1	6.1	100KHZ	7.50m	11.6	13.5
OWIEP147L-8R0	8.0	100KHZ	7.80m	10.0	11.5
OWIEP147L-100	10	100KHZ	9.85m	9.2	10.2
OWIEP147L-120	12	100KHZ	13.3m	8.0	9.0

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- 1. Inductance tested at 0.25V. Tolerance of inductance: 0.5uH: ±30%(N) 1.1uH~12uH: ±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.
- To load current onto the components under normal ambience, which cause the temp, change as Δt=40°C or more lower current.
- Please refer saturated current or the minimum temperature current as standard.