



OWIRH8D43 TYPE

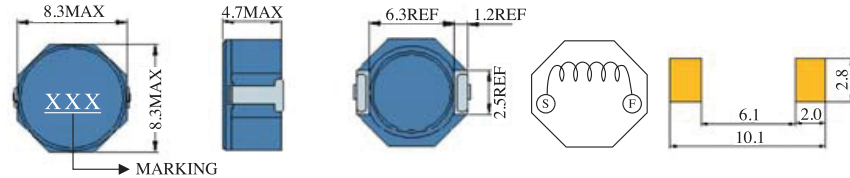


FEATURES

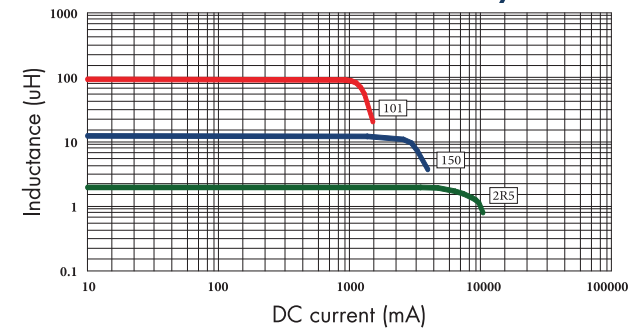
- 1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

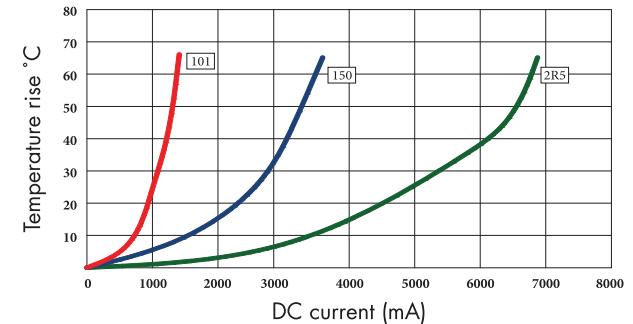
- 1. Power supply for VTR, OA equipment.
- 2. LCD television set, notebook PC.
- 3. Portable communication, equipments.
- 4. DC/DC converters, etc.



OWIRH8D43 Inductance decrease by current



OWIRH8D43 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWIRH8D43 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (A) ⁽³⁾	Temperature Current (A) ⁽⁴⁾
OWIRH8D43-2R5	2.5	100KHZ	17m	6.4	5.70
OWIRH8D43-3R9	3.9	100KHZ	19m	5.0	5.00
OWIRH8D43-4R7	4.7	100KHZ	22m	4.6	4.60
OWIRH8D43-6R8	6.8	100KHZ	28m	4.2	3.90
OWIRH8D43-100	10	100KHZ	36m	3.6	3.50
OWIRH8D43-150	15	100KHZ	53m	2.6	2.70
OWIRH8D43-220	22	100KHZ	75m	2.1	2.43
OWIRH8D43-330	33	100KHZ	125m	1.6	1.76
OWIRH8D43-470	47	100KHZ	150m	1.4	1.58
OWIRH8D43-680	68	100KHZ	240m	1.2	1.42
OWIRH8D43-101	100	100KHZ	360m	0.9	0.99

- 1. Inductance tested at 0.25V. Tolerance of inductance:±30%(N)
- 2. DCR test temp. limits 25 °C.
- 3. This indicates the value of current when the inductance is 35% 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.