



OWIRH8D43 TYPE

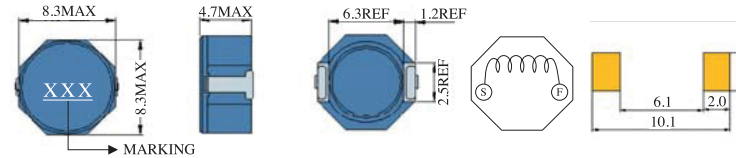


FEATURES

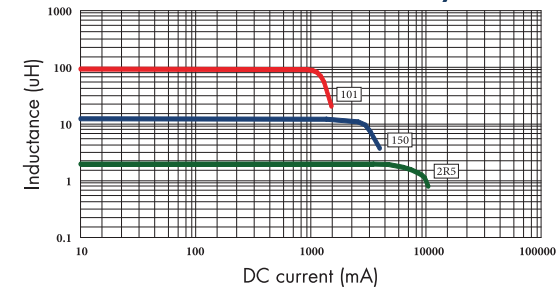
1. Various high power inductors are superior to be high saturation for surface mounting.

APPLICATIONS

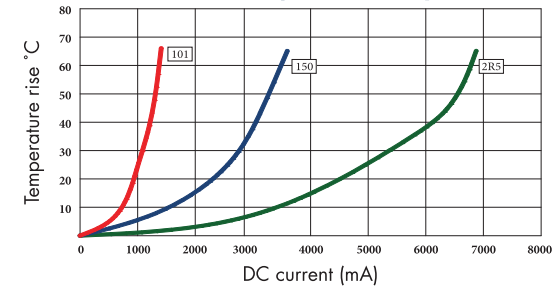
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



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

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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.