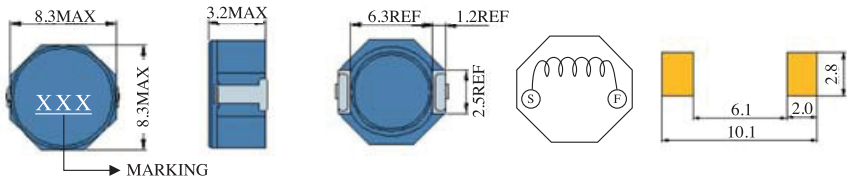
OWIRH8D28 TYPE

FEATURES

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

APPLICATIONS

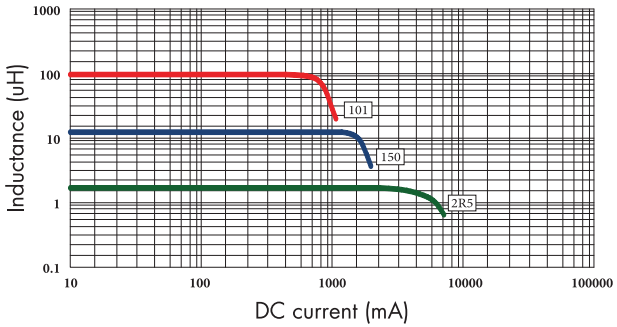
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



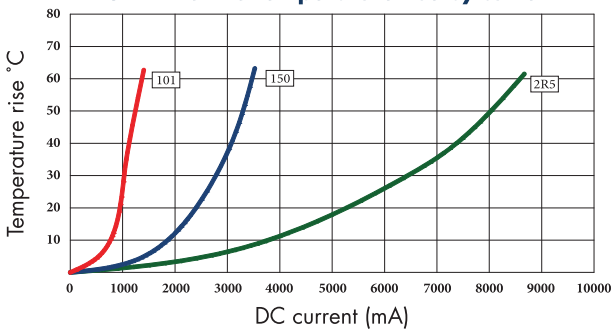
ELECTRICAL CHARACTERISTICS FOR OWIRH8D28 SERIES

Part Number	Inductance (uH)[1]	Test Frequency	DC Resistance (Ω MAX)[2]	Saturation Current (A)[3]	Temperature Current (A)[4]
OWIRH8D28-2R5	2.5	100KHZ	15.6m	4.50	6.40
OWIRH8D28-3R3	3.3	100KHZ	18.2m	4.00	4.80
OWIRH8D28-4R7	4.7	100KHZ	24.7m	3.40	4.32
OWIRH8D28-7R3	7.3	100KHZ	39m	2.80	3.60
OWIRH8D28-100	10	100KHZ	47m	2.30	3.25
OWIRH8D28-150	15	100KHZ	69m	1.90	2.80
OWIRH8D28-220	22	100KHZ	99m	1.60	1.85
OWIRH8D28-330	33	100KHZ	156m	1.30	1.66
OWIRH8D28-470	47	100KHZ	195m	1.15	1.30
OWIRH8D28-680	68	100KHZ	286m	0.95	1.17
OWIRH8D28-101	100	100KHZ	430m	0.75	1.05

OWIRH8D28 Inductance decrease by current



OWIRH8D28 Temperature rise by current



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.