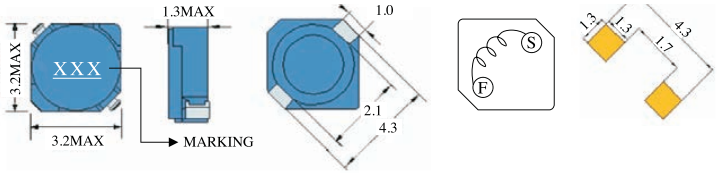
OWIRH2D11 TYPE

FEATURES

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

APPLICATIONS

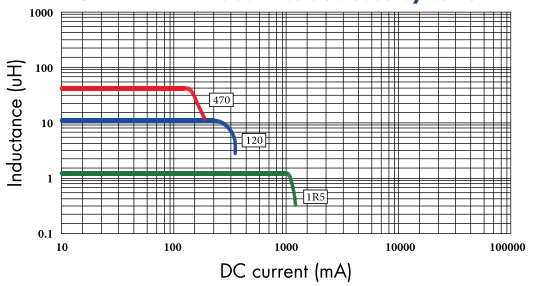
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



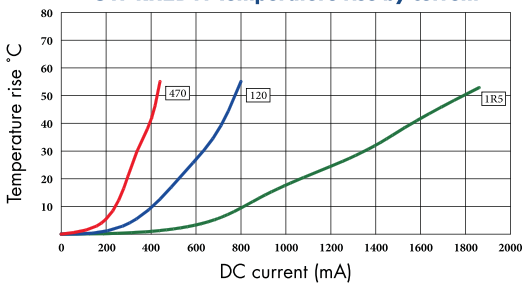
ELECTRICAL CHARACTERISTICS FOR OWIRH2D11 SERIES

Part Number	Inductance (uH)[1]	Test Frequency	DC Resistance (Ω MAX)[2]	Saturation Current (A)[3]	Temperature Current (A)[4]
OWIRH2D11-1R5	1.5	100KHZ	95m	0.90	1.45
OWIRH2D11-2R2	2.2	100KHZ	121m	0.64	1.27
OWIRH2D11-3R3	3.3	100KHZ	160m	0.60	1.14
OWIRH2D11-4R7	4.7	100KHZ	235m	0.50	1.02
OWIRH2D11-6R8	6.8	100KHZ	304m	0.40	0.86
OWIRH2D11-100	10	100KHZ	524m	0.34	0.70
OWIRH2D11-120	12	100KHZ	595m	0.30	0.56
OWIRH2D11-150	15	100KHZ	656m	0.24	0.50
OWIRH2D11-180	18	100KHZ	691m	0.23	0.50
OWIRH2D11-220	22	100KHZ	1.12	0.22	0.43
OWIRH2D11-330	33	100KHZ	1.87	0.18	0.38
OWIRH2D11-470	47	100KHZ	2.35	0.15	0.34

OWIRH2D11 Inductance decrease by current



OWIRH2D11 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.

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