



## OWIRH2D11 TYPE

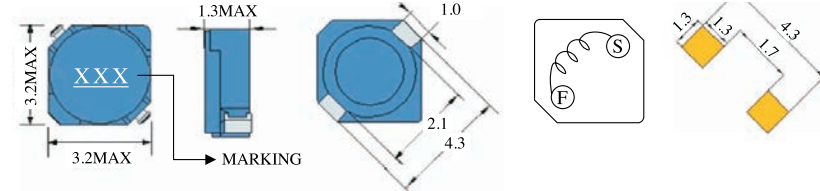


### FEATURES

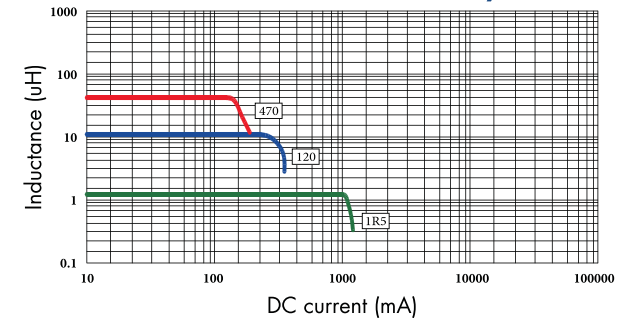
1. Various high power inductors are superior to be high saturation for surface mounting.

### APPLICATIONS

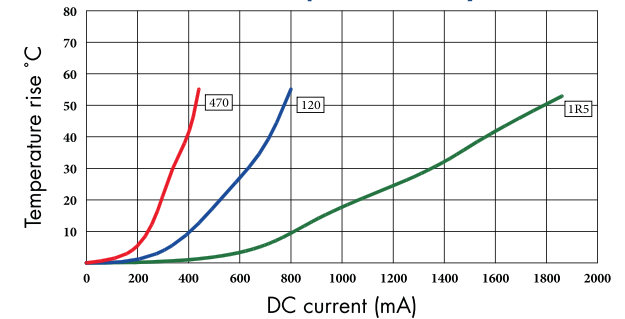
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIRH2D11 Inductance decrease by current



OWIRH2D11 Temperature rise by current



## ELECTRICAL CHARACTERISTICS FOR OWIRH2D11 SERIES

Part Number	Inductance (uH) <sup>(1)</sup>	Test Frequency	DC Resistance (Ω MAX) <sup>(2)</sup>	Saturation Current (A) <sup>(3)</sup>	Temperature Current (A) <sup>(4)</sup>
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

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 ambient, 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.