



## OWIRH2D14 TYPE

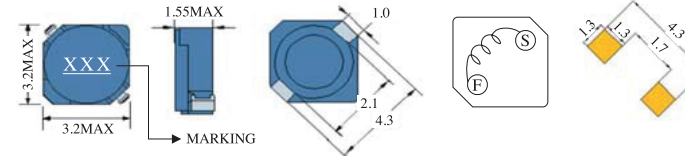


### FEATURES

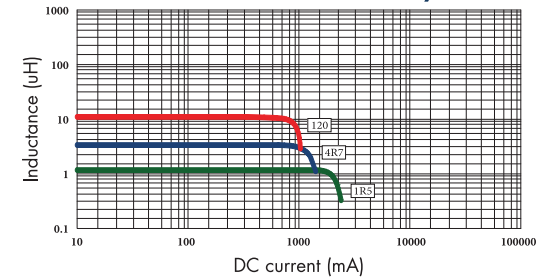
1. Various high power inductors are superior to be high saturation for surface mounting.

### APPLICATIONS

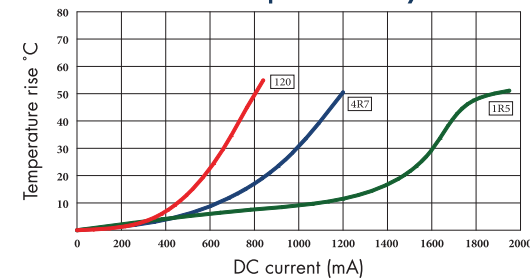
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



OWIRH2D14 Inductance decrease by current



OWIRH2D14 Temperature rise by current



### ELECTRICAL CHARACTERISTICS FOR OWIRH2D14 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>
OWIRH2D14-1R5	1.5	100KHZ	71m	1.80	1.60
OWIRH2D14-1R8	1.8	100KHZ	85m	1.65	1.44
OWIRH2D14-2R2	2.2	100KHZ	106m	1.50	1.29
OWIRH2D14-2R7	2.7	100KHZ	114m	1.35	1.22
OWIRH2D14-3R3	3.3	100KHZ	125m	1.20	1.15
OWIRH2D14-3R9	3.9	100KHZ	178m	1.10	1.03
OWIRH2D14-4R7	4.7	100KHZ	195m	1.00	930m
OWIRH2D14-5R6	5.6	100KHZ	222m	950m	840m
OWIRH2D14-6R8	6.8	100KHZ	253m	850m	790m
OWIRH2D14-8R2	8.2	100KHZ	294m	800m	750m
OWIRH2D14-100	10	100KHZ	396m	700m	710m
OWIRH2D14-120	12	100KHZ	515m	620m	680m

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.