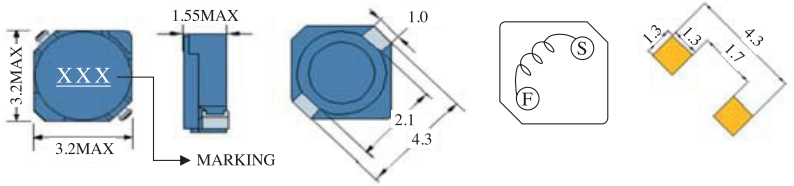
OWIRH2D14 TYPE

FEATURES

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

APPLICATIONS

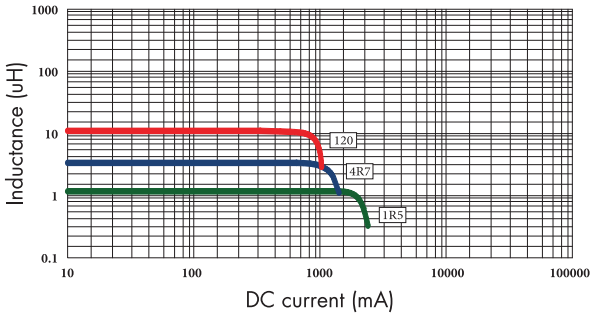
1. Power supply for VTR, OA equipment.
2. LCD television set, notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.



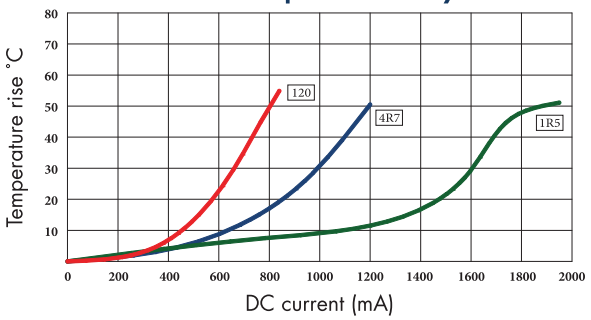
ELECTRICAL CHARACTERISTICS FOR OWIRH2D14 SERIES

Part Number	Inductance (uH)[1]	Test Frequency	DC Resistance (Ω MAX)[2]	Saturation Current (A)[3]	Temperature Current (A)[4]
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

OWIRH2D14 Inductance decrease by current



OWIRH2D14 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.