



## OWIEP104S TYPE

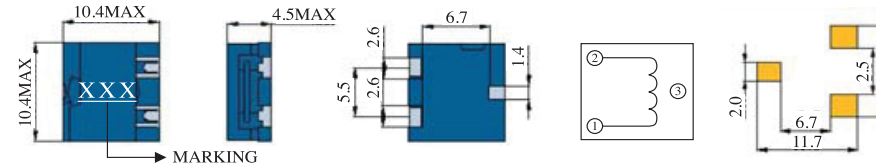


### FEATURES

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

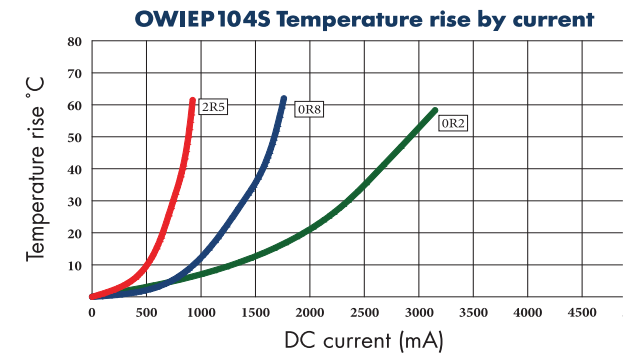
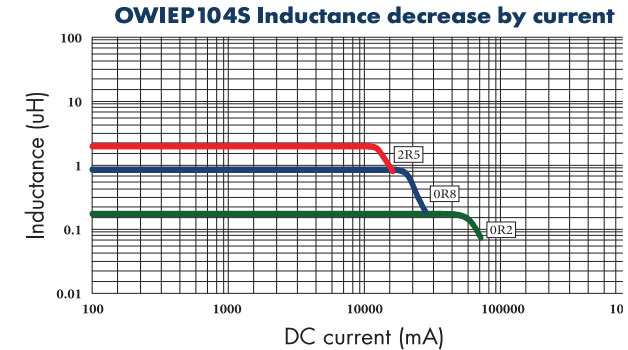
### APPLICATIONS

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 OWIEP104S 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>
OWIEP104S-R22	0.22	100KHZ	2.6m	39.6	23.0
OWIEP104S-R45	0.45	100KHZ	3.7m	27.6	17.0
OWIEP104S-R80	0.8	100KHZ	5.9m	20.7	14.0
OWIEP104S-1R3	1.3	100KHZ	11.8m	16.6	10.5
OWIEP104S-1R8	1.8	100KHZ	18.6m	13.3	8.00
OWIEP104S-2R5	2.5	100KHZ	21.8m	11.8	7.40



1. Inductance tested at 0.25V. Tolerance of inductance:  
0.22uH: ±30%(N) 0.45uH~2.5uH: ±20%(M)
2. DCR test temp. limits 25 °C.
3. This indicates the value of current when the inductance is 30% lower than its initial value at D.C. superposition or D.C. current.
4. To load current onto the components under normal ambient conditions 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.