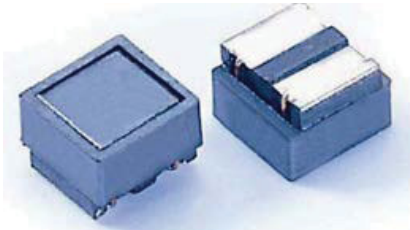


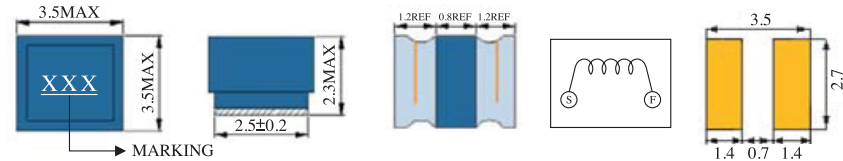


OWI1212 TYPE

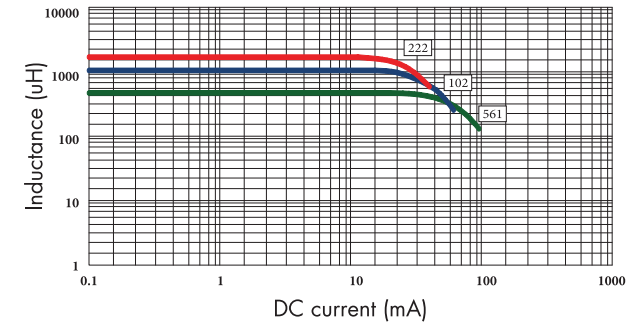


FEATURES

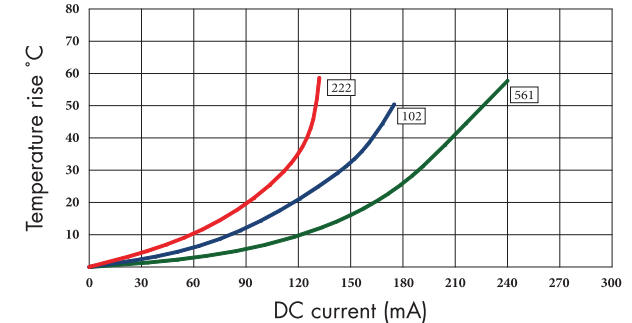
1. Low profile dimension (2.1mm MAX) and small size of 1212 (3.3 x 3.3mm) is suitable for portable equipment.
2. The series have low DC resistance.
3. BC1212. Series have large inductance of 560uH to 2200uH
4. Magnetically Shilded structure prevents interference Occurring between peripheral components.



OWI1212 Inductance decrease by current



OWI1212 Temperature rise by current



ELECTRICAL CHARACTERISTICS FOR OWI1212 SERIES

Part Number	Inductance (uH) ⁽¹⁾	Test Frequency	DC Resistance (Ω MAX) ⁽²⁾	Saturation Current (mA) ⁽³⁾	Temperature Current (mA) ⁽⁴⁾
OWI1212-561	560	1KHZ	8.0	41	190
OWI1212-681	680	1KHZ	9.0	37	175
OWI1212-102	1000	1KHZ	12.0	30	145
OWI1212-152	1500	1KHZ	15.0	25	130
OWI1212-222	2200	1KHZ	23.5	20	110

1. Inductance tested at 1V. Tolerance of inductance: ±30%(N)
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 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.