

**MECHANICAL SPECIFICATIONS** 

(2.2 lbs), 1812: 1.5 kg (3.3 lbs) for 30 s

Z ± 25 % AT 100 MHz

(Ω)

31

60

90

80

100

150

70

120

preheat and flux per above

1812: 2.5 kg (5.5 lbs)

PART NUMBER

ILBB-1210

ILBB-1806

ILBB-1812

Solderability: 90 % coverage after 5 s dip in 235 °C solder

following 60 s preheat at 120 °C to 150 °C and type R flux dip

Resistance to Solder Heat: 10 s in 260 °C solder, after

Terminal Strength: 1210: 1.0 kg (2.2 lbs), 1806: 1.0 kg

Beam Strength: 1210: 2.5 kg (5.5 lbs), 1806: 2.5 kg (5.5 lbs),

**STANDARD ELECTRICAL SPECIFICATIONS** 

DCR MAX.

(Ω)

0.30

0.30

0.30

0.30

0.30

0.50

0.40

0.40

# ILBB-1210, ILBB-1806, ILBB-1812

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RoHS

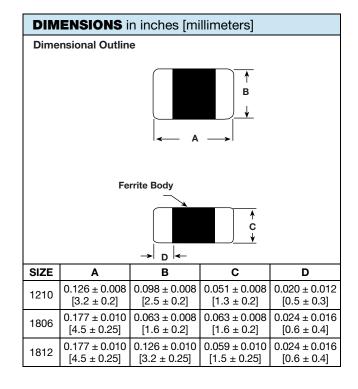
### **Multilayer Ferrite Beads**

### **FEATURES**

- High reliability
- Surface mountable (multiple case sizes)
- Magnetically self shielded
- COMPLIANT Nickel barrier plating virtually eliminates silver HALOGEN migration FREE
- Compliant to RoHS Directive 2011/65/EU
- Halogen-free according to IEC 61249-2-21 definition

#### ENVIRONMENTAL SPECIFICATIONS

Operating Temperature: - 55 °C to + 125 °C Thermal Shock: 300 cycles, - 40 °C to + 125 °C Biased Humidity: 85 % RH at 85 °C, 1000 h at full rated current



DESCRIPTION					
ILBB	1806	80	± 25 %	ER	e3
MODEL	SIZE	IMPEDANCE VALUE	IMPEDANCE TOLERANCE	PACKAGE CODE	JEDEC LEAD (Pb)-FREE STANDARD

RATED

DCCURRENT

(mA)

400

400

400

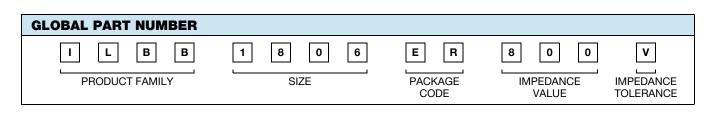
400

300

200

200

200



Revision: 23-Feb-12

1 For technical questions, contact: magnetics@vishay.com Document Number: 34101

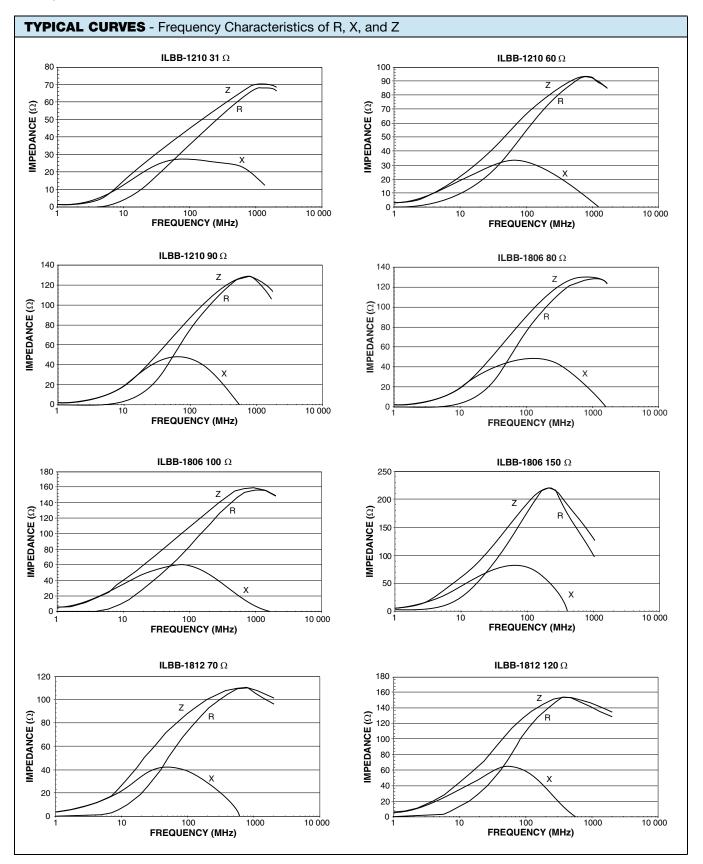
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### ILBB-1210, ILBB-1806, ILBB-1812

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