

Vishay Dale

# **Multilayer Ferrite Beads**





### **MECHANICAL SPECIFICATIONS**

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 preheat and flux per above

Terminal Strength: 0.2 kg (0.44 lbs) minimum for 30 s

Beam Strength: 0.2 kg (0.44 lbs) minimum

Flex: 0.2 mm minimum mounted on a 1.6 mm thick PC

board

STANDARD ELECTRICAL SPECIFICATIONS		
Z ± 25 % AT 100 MHz (Ω)	DCR MAX. (Ω)	RATED DC CURRENT (mA)
20	0.13	300
30	0.20	300
40	0.20	300
60	0.30	300
70	0.30	300
120	0.45	300
240	0.70	200
300	0.80	200
600	1.00	200

### **FEATURES**

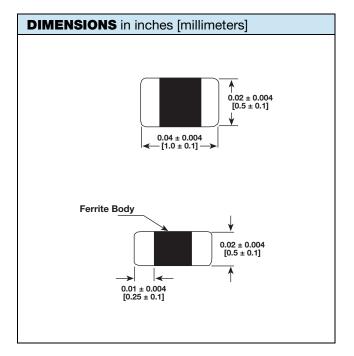
- · High reliability
- Surface mountable
- · Magnetically self shielded
- Nickel barrier plating virtually eliminates silver
- COMPLIANT HALOGEN FREE migration
- Compliant to RoHS Directive 2002/95/EC
- Halogen-free according to IEC 61249-2-21 definition

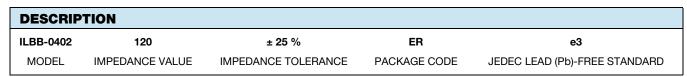
#### **ENVIRONMENTAL SPECIFICATIONS**

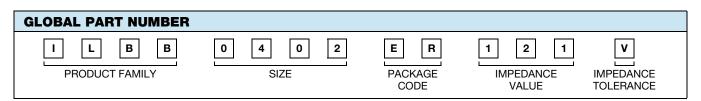
Operating Temperature: - 55 °C to + 125 °C Thermal Shock: 100 cycles, - 40 °C to + 125 °C

Biased Humidity: 85 % RH at 85 °C, 1000 h at full rated

current

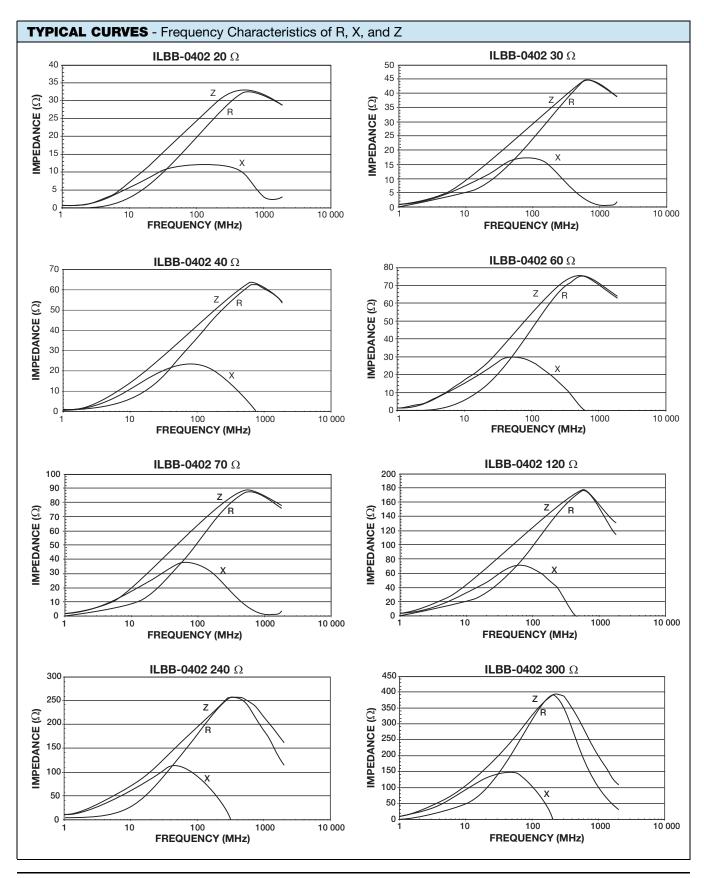


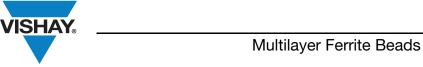




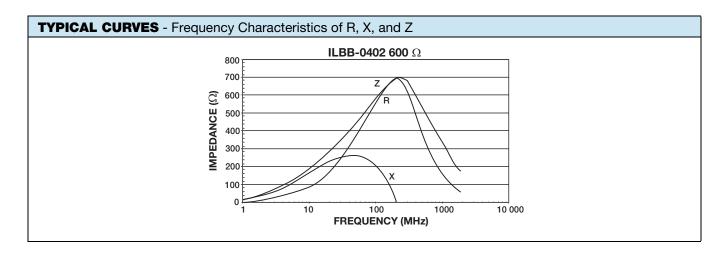
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# **Legal Disclaimer Notice**

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