

ILBB-0402

Vishay Dale

RoHS

COMPLIANT

HALOGEN

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

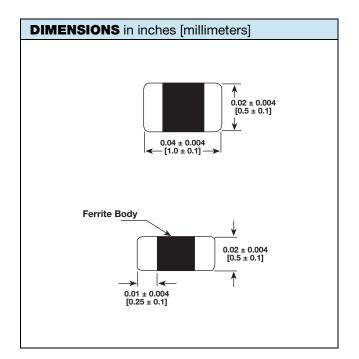
- High reliability
- Surface mountable
- Magnetically self shielded
- Nickel barrier plating virtually eliminates silver migration
- Compliant to RoHS Directive 2002/95/EC
- Halogen-free according to IEC 61249-2-21 definition

ENVIRONMENTAL SPECIFICATIONS

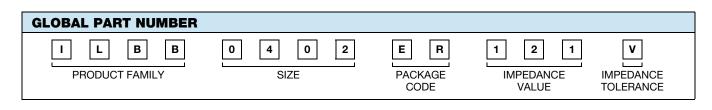
Operating Temperature: - 55 °C to + 125 °C

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

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



DESCRIPTION					
ILBB-0402	120	± 25 %	ER	e3	
MODEL	IMPEDANCE VALUE	IMPEDANCE TOLERANCE	PACKAGE CODE	JEDEC LEAD (Pb)-FREE STANDARD	

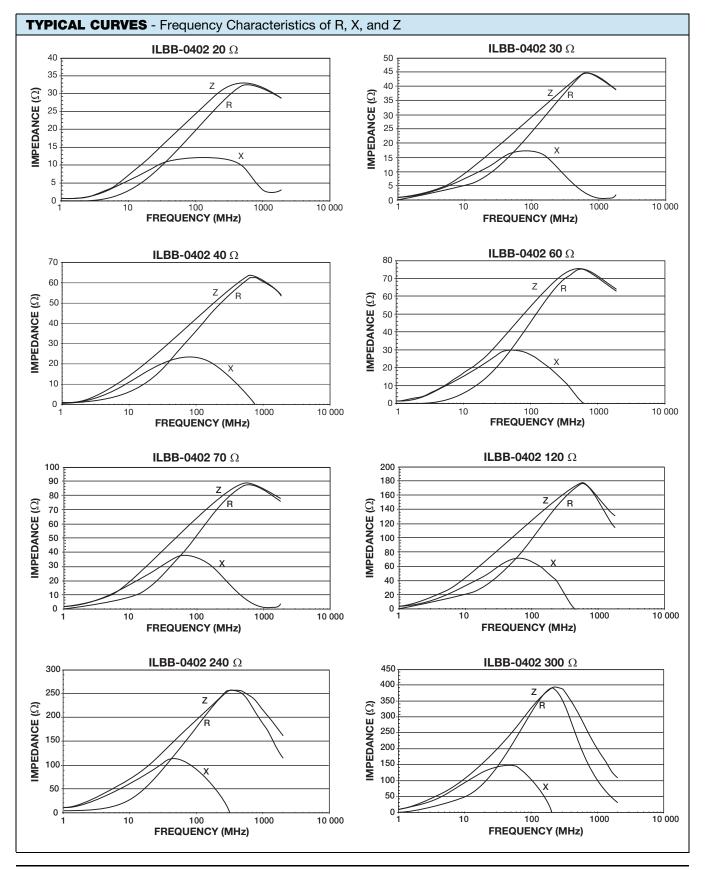


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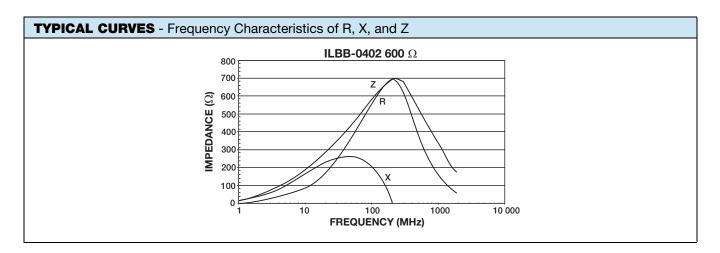




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