





Part Number: 2773007112

73 BEAD ON LEAD

Explanation of Part Numbers:

- Digits 1 & 2 = Product Class
- Digits 3 & 4 = Material Grade
- Last digit 1 = Bulk Packed 2 = Taped and Reeled

Ferrite suppression beads are supplied assembled on tinned copper wire for automated circuit board assembly.

- Wires are oxygen free high conductivity copper with 100% matte tin plating over a nickel undercoating. The resistance of the wire is 3.5 mOhm for the 22 AWG and 2.2 mOhm for the 20 AWG wire.

Recommended Soldering Profile

<u>Packaging Options:</u>

- Beads-on-leads can be supplied bulk packed. The last digit of bulk packed parts is a "1". Parts with a "2" as the last digit of the part number are supplied taped and reeled per IEC 60286-1 and EIA RS-296-F standards. Taped and reeled parts are supplied 4500 pieces on a 14″ reel. Taping details: Component pitch 5 mm. Inside tape spacing 52.5 mm. Tape width 6 mm.
- Our "Bead-on-Lead Suppression Kit" (part number 0199000028) is available for prototype evaluation.

For any bead-on lead requirement not listed here, feel free to contact our customer service group for availability and pricing.

Catalog Drawing
3D Model

Weight: 0.6 (g)

 Dim mm
 mm tol nominal inch inch misc.

 A
 3.5
 ±0.25
 0.138
 _

 B
 62
 ±1.50
 2.44
 _

 C
 9.5
 ±0.30
 0.374
 _

 D
 0.65
 0
 22 AWG

Reel Information				
Tape Width mm	l	Parts 7" Reel	Parts 13" Reel	Parts 14" Reel
6	5		_	4500

Chart Legend

+ Test frequency

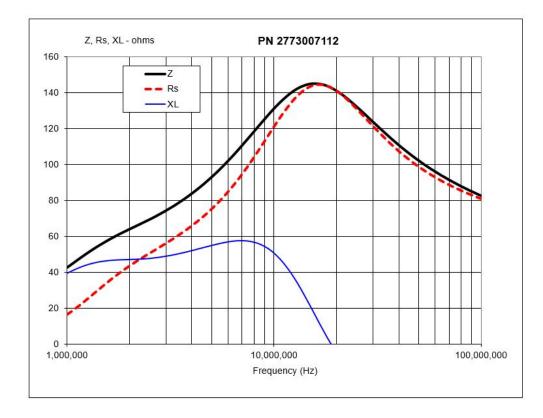
Typical Impedance (Ω)		
1 MHz	42	
5 MHz	93	
10 MHz ⁺	130	
25 MHz ⁺	132	

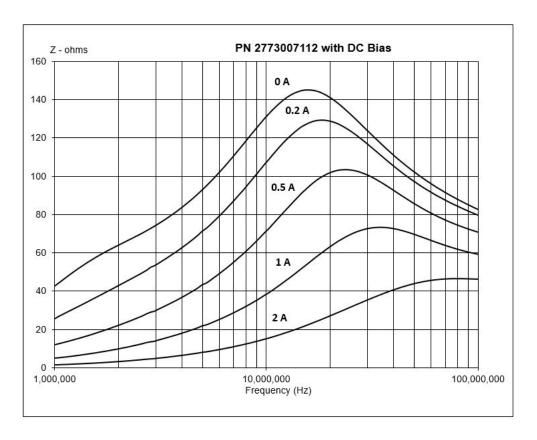
Beads-on-leads are controlled for impedances only. Minimum impedance values are specified for the + marked frequencies. The minimum impedance is typically the listed impedance less 20%.

Catalog Drawing

The impedance of the 73 & 43 beads-on-leads are measure on the E4990A Impedance Analyzer. The 61 beads-on-leads are tested for impedance on the E4991A / HP4291B Impedance Analyzer.

Typical Impen	ypical Impendance (Ω)		
1 MHz	38		
5 MHz	90		
10 MHz ⁺	110		
25 MHz ⁺	115		





CSV Download

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