



Part Number: 2761002112

61 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.

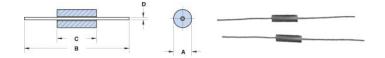
# For any bead-on lead requirement not listed here, feel free to contact our customer service group for availability and pricing.

Catalog Drawing
3D Model

Weight: 0.6 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	3.5	±0.25	0.138	_
В	62	±1.50	2.44	_
С	8.9	±0.30	0.35	_
D	0.65	_	0	22 AWG

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



### **Chart Legend**

+ Test frequency

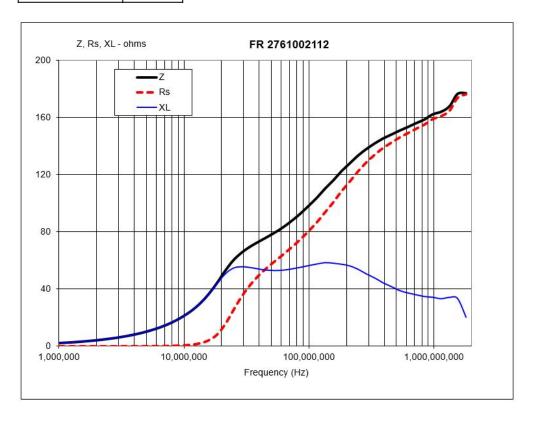
Typical Impedance ( $\Omega$ )		
100 MHz	98	
250 MHz <sup>+</sup>	134	
500 MHz <sup>+</sup>	149	
1000 MHz	163	

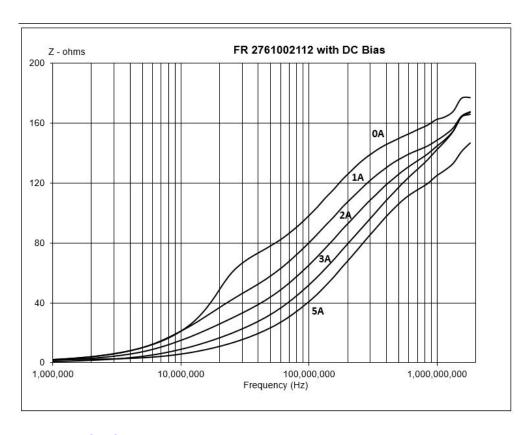
Beads-on-leads are controlled for impedances only. Minimum impedance values are specified for the + marked frequencies. The minimum impedance is typically the listed impedance less 20%.

### **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 Impend	ance $(\Omega)$
100 MHz	105
250 MHz <sup>+</sup>	142
500 MHz <sup>+</sup>	161
1000 MHz	171





### **CSV** Download

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