

Part Number: 2761009111

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](#)

Packaging Options:

- 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: 0.7 (g)

| Dim | mm | mm tol | nominal inch | inch misc. |
|-----|------|--------|--------------|------------|
| A | 3.5 | ±0.25 | 0.138 | |
| B | 62 | ±1.50 | 2.44 | |
| C | 13.8 | ±0.50 | 0.543 | |
| D | 0.65 | | 0 | 22 AWG |

Chart Legend

+ Test frequency

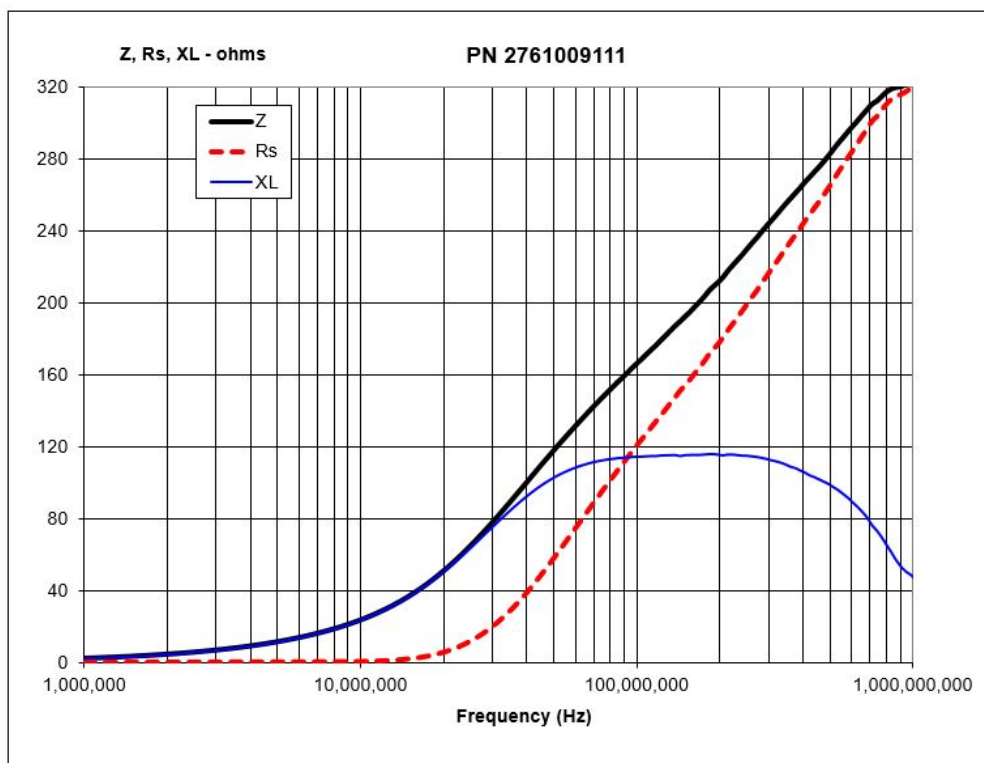
| Typical Impedance (Ω) | |
|--------------------------------|-----|
| 100 MHz | 167 |
| 250 MHz ⁺ | 230 |
| 500 MHz ⁺ | 283 |
| 1000 MHz | 324 |

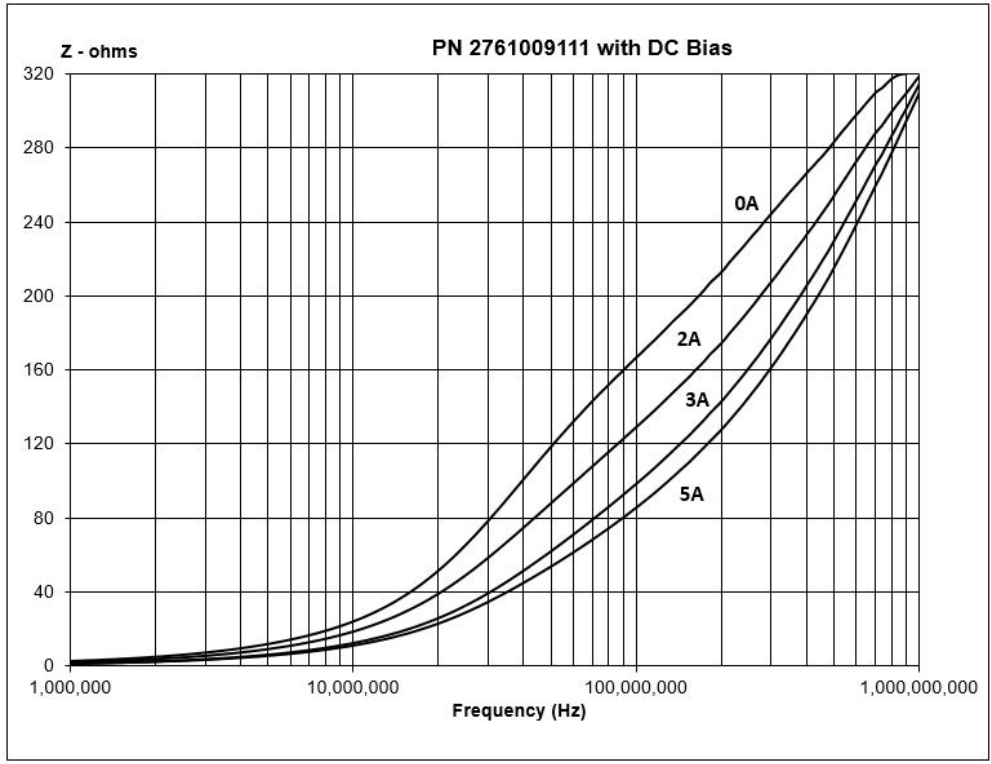
Beads-on-leads are controlled for impedances only. Minimum impedance values are specified for the + marked frequencies. The minimum impedance is typically the listed impedance less 20%.

[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 Impedance (Ω) | |
|--------------------------------|-----|
| 100 MHz | 162 |
| 250 MHz ⁺ | 218 |
| 500 MHz ⁺ | 246 |
| 1000 MHz | 261 |





[CSV Download](#)

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