

# Wound Beads (2961666631)



Part Number: 2961666631

## 61 WOUND BEAD

### Explanation of Part Numbers:

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

**Six and eleven hole beads, in two NiZn materials, are available both as beads (product class 26) and wound with tinned copper wire in several winding configurations (product class 29).**

- Wire used for winding is oxygen free high conductivity copper with 100% matte tin plating over a nickel undercoating.
- Recommended storage temperature and operating temperature is -55 °C to 125 °C

### Packaging Options:

- Parts with a 1 as the last digit of the part number are supplied bulk packed. Wound beads with part numbers 29- 666631 and 29- 666651 can be supplied radially taped and reeled per IEC 60286-1 and EIA 468- B standards. For these taped and reeled wound beads the last digit of the part number is a 4. Taped and reeled wound beads are supplied 500 pieces on a 13 reel.

**For any wound bead requirement not listed in here, please contact our customer service group for availability and pricing.**

Weight: 1.4 (g)

Dim	mm	mm tol	nominal inch	inch misc.	Winding Information			
A	6	±0.25	0.236	-	Turns Tests	Wire Size	1st Wire Length	2nd Wire Length
B	0.75	+0.15	0.032	-	3	0.53	38.0 ±3.0	
C	10	±0.25	0.394	-		24 AWG	(1.500")	-
D	3.5	Ref	0.138	Ref				

### Chart Legend

- + Test frequency
- A ½ turn is defined as a single pass through a hole.

Typical Impedance (Ω)	
10 MHz	175
50 MHz <sup>+</sup>	700
100 MHz <sup>+</sup>	1000
200 MHz <sup>+</sup>	1100
400 MHz	625

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

The 44 material beads and wound beads are tested on the 4193A Vector Impedance Meter. The 61 material parts on the 4291A RF Impedance Analyzer.

