



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Wound Beads (2944777721)



Part Number: 2944777721

44 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: 3.9 (g)

Dim	mm	mm tol	nominal inch	inch misc.	Winding Information			
A	10	±0.25	0.394	-	Turns Tests	Wire Size	1st Wire Length	2nd Wire Length
B	0.9	+0.15	0.038	-	2 x 2½	0.65	38.0 ±3.0	28.0 ±3.0
C	10	±0.25	0.394	-		22 AWG	(1.500")	(1.102")
D	7.5	Ref	0.295	Ref				

**Chart Legend**

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

Typical Impedance (Ω)	
1 MHz	45
10 MHz <sup>+</sup>	375
50 MHz <sup>+</sup>	905
100 MHz <sup>+</sup>	500
200 MHz	400

- 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.

