Fair-Rite Products Corp.

Your Signal Solution®

# EMI Suppression Beads (2673000801)



Part Number: 2673000801

73 SHIELD BEAD

Explanation of Part Numbers:

Digits 1 & 2 = Product Class

– Digits 3 & 4 = Material Grade

– Last digit 1= Not Burnished 2 = Burnished

- The last digit of the Parylene coated part is a "4," which is available upon request. The minimum coating thickness beads is 0.005 mm (0.002'').

Fair- Rite offers a broad selection of ferrite EMI suppression beads with guaranteed minimum impedance specifications.

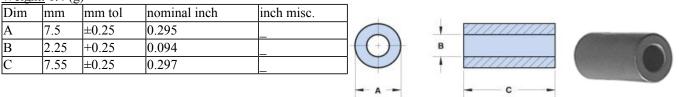
Our "Shield Bead Kit" (part number 0199000019) contains a selection of these beads.

For any EMI suppression bead requirement not listed here, feel free to contact our customer service for availability and pricing.

Catalog Drawing 3D Model

The C dimension, the bead length, can be modified to suit specific applications.

#### <u>Weight:</u> 1.4 (g)



#### **Chart Legend**

+ Test frequency

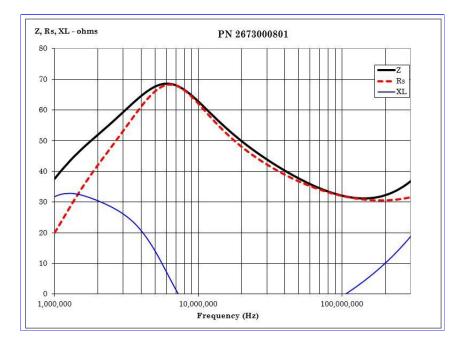
• The column "H (Oe)" gives for each bead the calculated dc bias field in oersted for 1 turn and 1 ampere direct current. The actual dc H field in the application is this value of "H" times the actual NI (ampere- turn) product. For the effect of the dc bias on the impedance of the bead material, see figures 18-23 in the application note  $\Box$ How to choose Ferrite Components for EMI Suppression  $\Box$ .

Typical Impedance $(\Omega)$					
1 MHz		37			
5 MHz		67			
$10 \text{ MHz}^+$		63			
$25 \text{ MHz}^+$		49			
Electrical Properties					
H(Oe)	1				

Suppression beads are controlled for impedances only. Minimum impedance values are specified for the + marked frequencies. The minimum impedance is listed on our catalog drawing.

#### Catalog Drawing

Single turn impedance tests for 73 and 43 material beads are performed on the E4990A Impedance Analyzer. The 61 material beads are tested on the E4991A / HP4291B Impedance Analyzer. Beads are tested with the shortest practical wire length.



### CSV Download

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