



## Multi- Aperture cores (2867001502)



Part Number: 2867001502

### 67 MULTI- APERTURE CORE

#### Explanation of Part Numbers:

- Digits 1 & 2 = Product Class
- Digits 3 & 4 = Material Grade
- Last digit 2 = Burnished

**Multi- aperture cores are used in suppression applications and in balun (balance- unbalance) and other broadband transformers. They are also employed in airbag designs to prevent accidental activation.**

All multi- aperture cores are supplied burnished.

Our “Multi- Aperture Core Kit” (part number 0199000036) is available for prototype evaluation.

**For any multi- aperture requirement not listed here, feel free to contact our customer service group for availability and pricing.**

[Catalog Drawing](#)

[3D Model](#)

Weight: 1.7 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	13.3	$\pm 0.60$	0.524	—
B	6.6	$\pm 0.25$	0.26	—
C	7.5	$\pm 0.35$	0.295	—
E	5.7	$\pm 0.25$	0.224	—
H	3.8	$\pm 0.25$	0.15	—

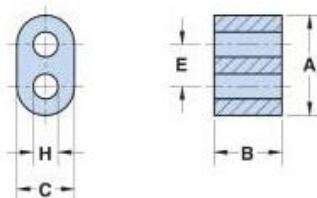


Figure 1

#### Chart Legend

+ Test frequency

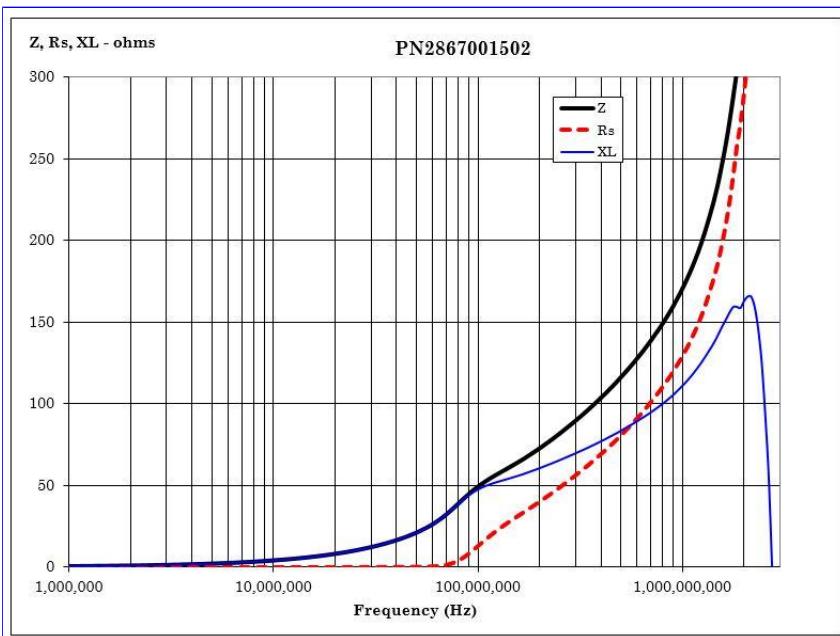
Electrical Properties	
$A_L$ (nH)	44 Min

Multi- aperture cores in 73 and 43 materials are controlled for impedance only. The 61 NiZn material is controlled for both impedance and  $A_L$  value. The high frequency 67 material is controlled for  $A_L$  value. Minimum impedance values are specified for the + marked frequencies. The minimum impedance is listed on our catalog drawing.

[Catalog Drawing](#)

Multi- aperture cores in 73 and 43 material are measured for impedance on the E4990A Impedance Analyzer. The 61 and 67 multi- aperture cores are tested on the E4991A / HP4291B Impedance Analyzer. All impedance measurements are performed with a single turn to both holes, using the shortest practical wire length.

The 61 and 67 material multi- hole beads are tested for  $A_L$  value. The test frequency is 10 kHz at < 10 gauss. The test winding is five turns wound through both holes.



[CSV Download](#)

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