

# Multi-Aperture cores (2861010002)

Part Number: 2861010002

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: 46 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	30.2	±0.60	1.189	–
B	28.7	±0.70	1.13	–
C	15	±0.40	0.591	–
E	14.6	±0.40	0.575	–
H	6.8	±0.2	0.268	–



**Chart Legend**  
 + Test frequency

Typical Impedance (Ω)	
100 MHz	557
250 MHz	748

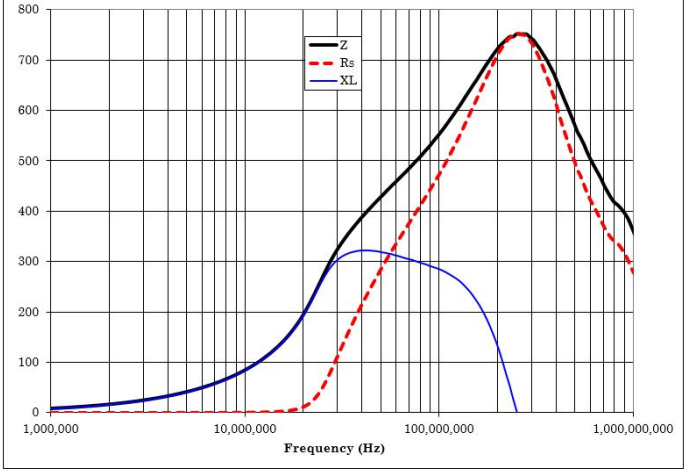
Electrical Properties	
A <sub>L</sub> (nH)	800 Min

Multi-aperture cores in 73 and 43 materials are controlled for impedance only. The 61 NiZn material is controlled for both impedance and A<sub>L</sub> value. The high frequency 67 material is controlled for A<sub>L</sub> value. Minimum impedance values are specified for the + marked frequencies. The minimum impedance is typically the listed impedance less 20%.

[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<sub>L</sub> value. The test frequency is 10 kHz at < 10 gauss. The test winding is five turns wound through both holes.



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