

28A3039-0A2- BROADBAND SPLIT / SNAP-ON CORES



BROADBAND EMI FERRITE SPLIT / SNAP-ON CORES

For retrofit and post-assembly operations Laird offers a selection of "split" components. Similar in performance to Laird one piece core designs these split ferrite cores provide excellent common and differential mode EMI suppression on round cable assemblies. Lightweight inexpensive plastic snap-on cases provide secure closure of the split cores onto the cable.



Prototyping Available



Custom Solutions



Standard Stock



Samples Available

Specifications

Additional Product Description Plastic Case	Applications • Internal and external power cables • Internal cables between PC boards and data connectors • Products with limited PC board space available for surface mount EMI components • Monitor cables • Power supply cables • Printer cables • Digital cameras • Auxiliary attenuation	Case A 24.55	Case B 10.20
Case C 13.60	Case Color Black	Case D 28.50	Case E 19.90
Figure Number 3	Material Type Broad Band Material	Max. Cable Diameter (inches) 0.40	Max. Cable Diameter (mm) 10.15
Nominal Z Ohms at 100 MHz 130	Part Size Code 3039	Product Line Round and Cylindrical Cores	Typical Z Ohms , at 25 MHz 55, at 300 MHz 250

Features

- Internal core diameters from 3.5 mm (0.138") to 19.3 mm (0.760") radius
- Precision formed smooth surfaces prevent damage to wire insulation
- Available in Steward low frequency broad band (27); broad band (28) or high frequency (HF) materials
- Custom designs available
- Saves valuable PC board space
- The in-circuit impedance may be substantially increased by passing 2 turns of the wire conductor through the ferrite core assembly
- Easy installation