

Split Ferrite

Features

- Excellent common mode EMI suppression on round cable assemblies
- Large core size prevents saturation during high signal surges
- The case allows a multi-core round cable to be fixed
- UL 94 V-2 Classification of the plastic case



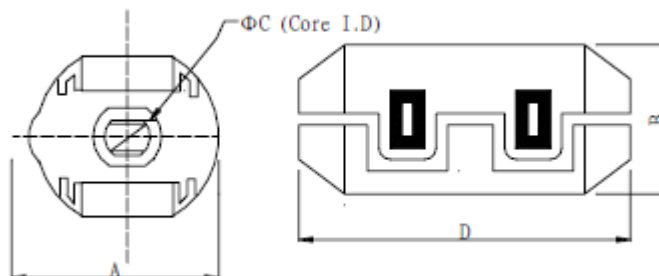
Application

Internal and external power cables. internal cables between pc boards and data connectors, computer peripherals, digital camera, DVD, fax machine cables, monitor cables, power supply cables. Printer cables

Specification

| | |
|-----------------------|----------------|
| For Cable Size | Ø 5.5 ... 7 mm |
| Sleeve Ferrite Case | PA66 94V-2 |
| Colour | Grey |
| Impedance @ 25 MHz | 60 Ω |
| Impedance @ 100 MHz | 100 Ω |
| Operating Temperature | -25 ... 105 °C |

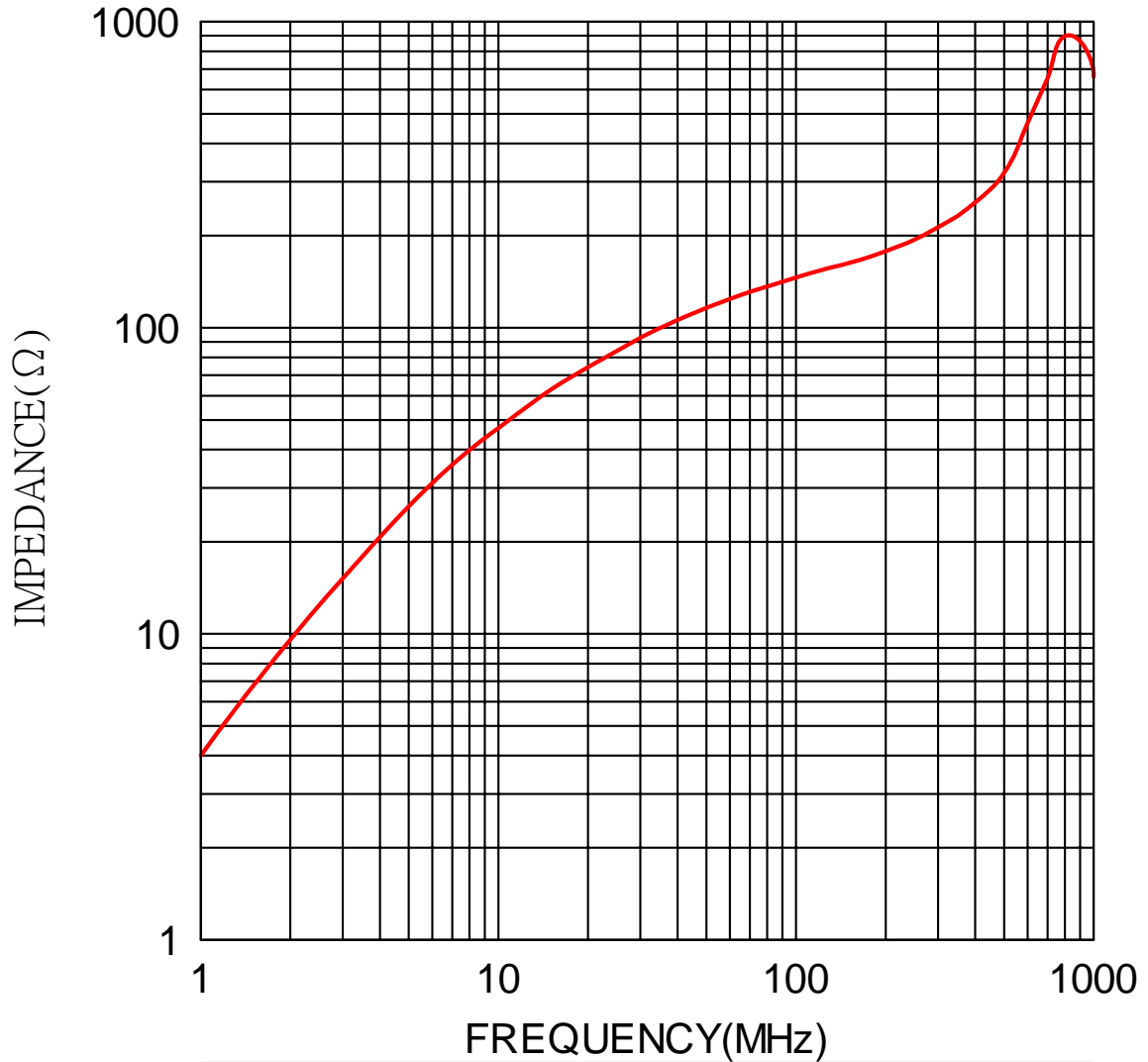
Drawing



| | |
|---|------------|
| A | 17 ± 1 mm |
| B | 15 ± 1 mm |
| C | 7 ± 0.3 mm |
| D | 30 ± 1 mm |

Frequency Graph

1. TEST INSTRUMENT: HP4286A
2. WINDING: 0.5 Φ X80 mm 2 U.E. W 1TS



| | 1 | 5 | 10 | 25 | 50 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
|-----|---|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| Z — | 4 | 26 | 47 | 84 | 116 | 146 | 178 | 213 | 257 | 321 | 467 | 654 | 898 | 863 | 661 |

(DATA BETWEEN 500MHz AND 1000MHz ARE FOR REFERENCE ONLY)

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