

## TOROIDAL CORES

Toroidal cores provide high performance when wound and used as cores for transformers, inductors, or chokes.

### FEATURES:

Minimal effect on transmission waveforms

Provide low cost noise countermeasures right at the data lines

Can be added as First-Aid, On-The Spot countermeasures when equipment or devices fail



### APPLICATIONS:

Measuring equipment

Current sensing transformers

DC-DC converters

Telecommunications

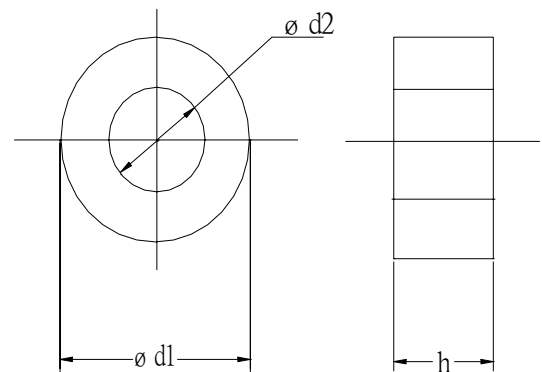
EMI filters

LAN matching and isolation transformers

LAN common mode chokes

Power supply common chokes

Inductors

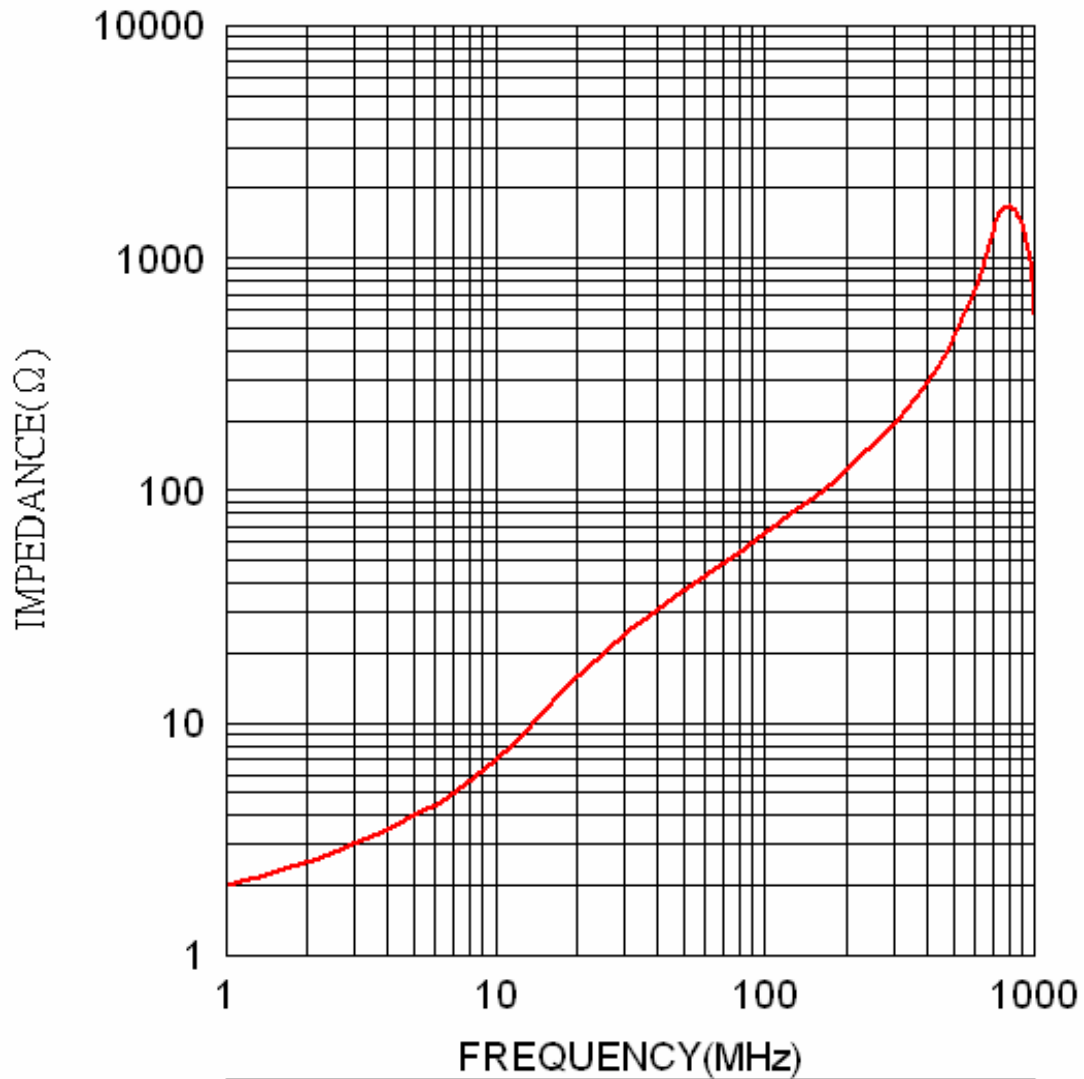


### SPECIFICATION:

h	5 mm
ø d1	14 mm
ø d2	8.7 mm
Inductance Constant	0.06±0.015 uH
Applied Frequency Range	0.4 ... 20 MHz
AC Initial Permeability	100 ± 25%
Curle Temperature	300 °C
Specific Gravity	4.4 g/cm <sup>3</sup>
Relative Loss Factor	< 160 20 x 10 <sup>-6</sup> (MHz)
Relative Temp Coeff of Initial Permeability	55 ... 130 x 10 <sup>-6</sup> /°C 20-70°C

## Frequency Graph

1. TEST INSTRUMENT: HP4286A
2. WINDING: 0.6ΦX100 mm 2 U. E. W 1TS



	1	5	10	25	100	200	400	600	800	1000
Z—	2	4	7	20	66	124	296	729	1675	581

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

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