

XFMRS, Inc.

SPECIFICATION FOR APPROVAL

1 of 1

XFMRS P/N : XFEB160808-300-1.0A **Rev: A/3**

DIMENSION : (m/m)

Dimensions & Structure :

The drawings show a cylindrical component with dimensions A (length), B (width), C (height), and D (lead diameter). Cross-sections show a ferrite core with terminal electrodes. The terminal electrode construction is detailed as follows:

- TIN
- NICKEL
- SILVER
- FERRITE

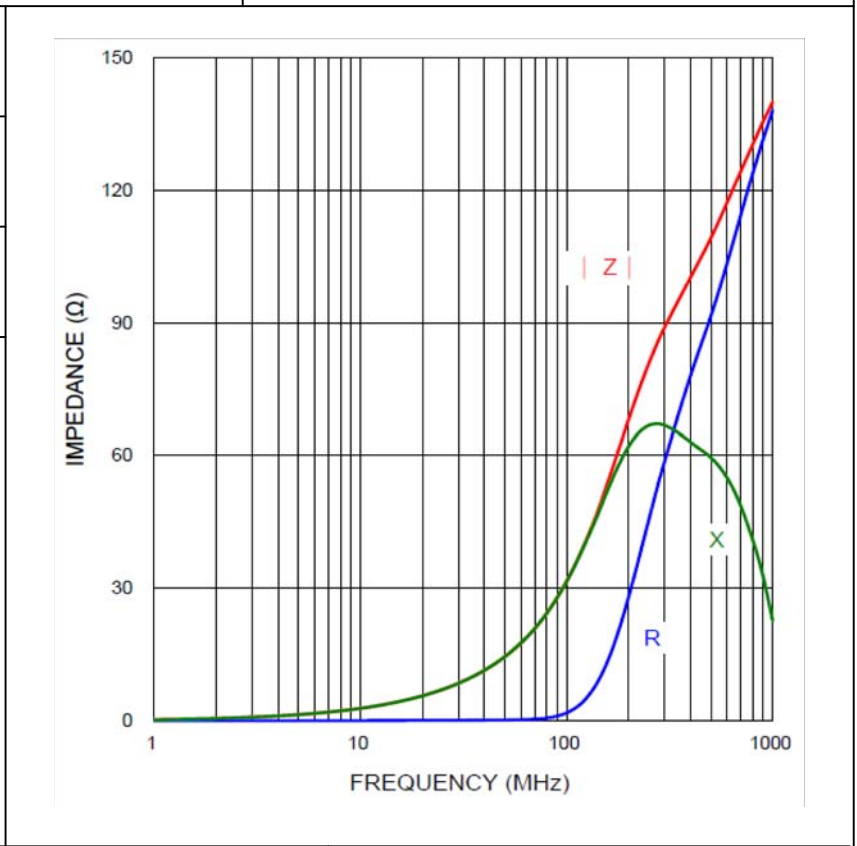
A	$\varnothing 1.6 \pm 0.2$	m/m
B	0.8 ± 0.2	m/m
C	0.8 ± 0.2	m/m
D	0.3 ± 0.2	m/m

- TEST INSTRUMENTS**
- HP 34401A MULTIMETER
 - HP 4195 NETWORKS/SPECTRUM ANALYZER
 - HP 42841 BIAS CURRENT SOURCE
 - HP 4285A LCR METER
 - HP 4286A RF LCR METER
 - HP 4291A RF IMPEDANCE / MATERIAL ANALYZER
 - HP 4338A MILLIOHM METER
 - HP 6632A DC POWER SUPPLY
 - HP4284A PRECISION LCR METER

ELECTRICAL REQUIREMENTS

Z	30±25% Ohms	TEST FREQ.	100	MHz
Rdc	0.03 Ohms Max	TEST FREQ.		MHz
Idc	1000mA Max	TEST FREQ.		MHz

- Notes:
- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
 - Flammability: UL94V-0
 - ASTM oxygen index: > 28%
 - Insulation System: Class F 155°C. UL file E151556
 - Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
 - Storage Temperature Range: -55°C to +125°C
 - Aqueous wash compatible
 - SMD Lead Coplanarity: ±0.004" (0.102mm)
 - Moisture Sensitivity: Level 3
 - Electrical and mechanical specifications 100% tested
 - RoHS Compliant Component



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