

XFMRS, Inc.

SPECIFICATION FOR APPROVAL

XFMRS P/N : XFEB160808-301-0.5A **Rev: A/-**

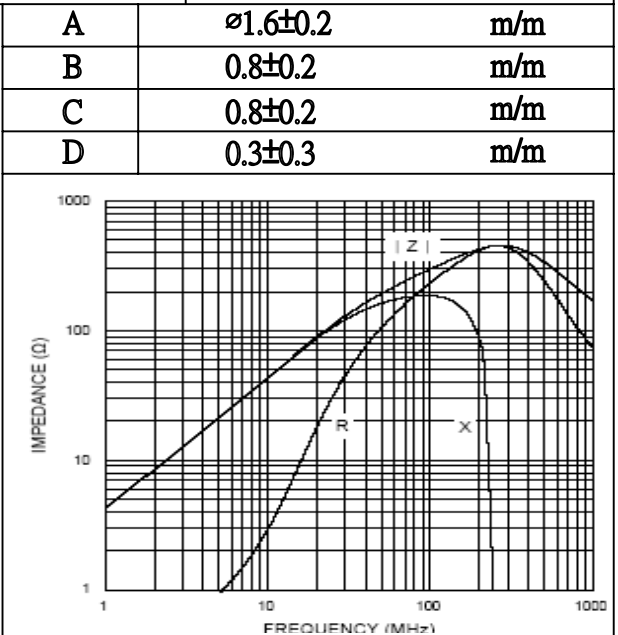
DIMENSION : (m/m)

Dimensions & Structure :

The drawings show a cylindrical component with diameter D and length A. A cross-section shows a ferrite core with terminal electrodes of diameter B and height C. The terminal electrode construction is detailed as follows:

- TIN
- NICKEL
- SILVER
- FERRITE

TERMINAL ELECTRODE CONSTRUCTION



ELECTRICAL REQUIREMENTS

Z	300 Ohms $\pm 25\%$	TEST FREQ.	100MHz/100mV
Rdc	0.25 Ohms Max	TEST FREQ.	MHz
Idc	500mA MAX.	TEST FREQ.	MHz

TEST INSTRUMENTS

- HP 4338A MILLION OHM METER
- HP 4195 NETWORKS/SPECTRUM ANALYZER
- HP 4284A PRECISION LCR METER
- HP 4285A LCR METER
- HP 4286A RF LCR METER
- HP 4291A RF IMPEDANCE / MATERIAL ANALYZER
- HP 6632A DC POWER SUPPLY

- Notes:**
1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
 2. Flammability: UL94V-0
 3. ASTM oxygen index: > 28%
 4. Insulation System: Class F 155°C. UL file E151556
 5. Operating Temperature Range: All listed parameters are to be within tolerance from -55°C to +125°C
 6. Storage Temperature Range: -55°C to +125°C
 7. Aqueous wash compatible
 8. SMD Lead Coplanarity: $\pm 0.004"$ (0.102mm)
 9. Electrical and mechanical specifications 100% tested
 10. RoHS Compliant Component
 11. Recommended IR Reflow peak temp of 250°C Max.
 12. Outsourced item processed & controlled under XFMRS QA system

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