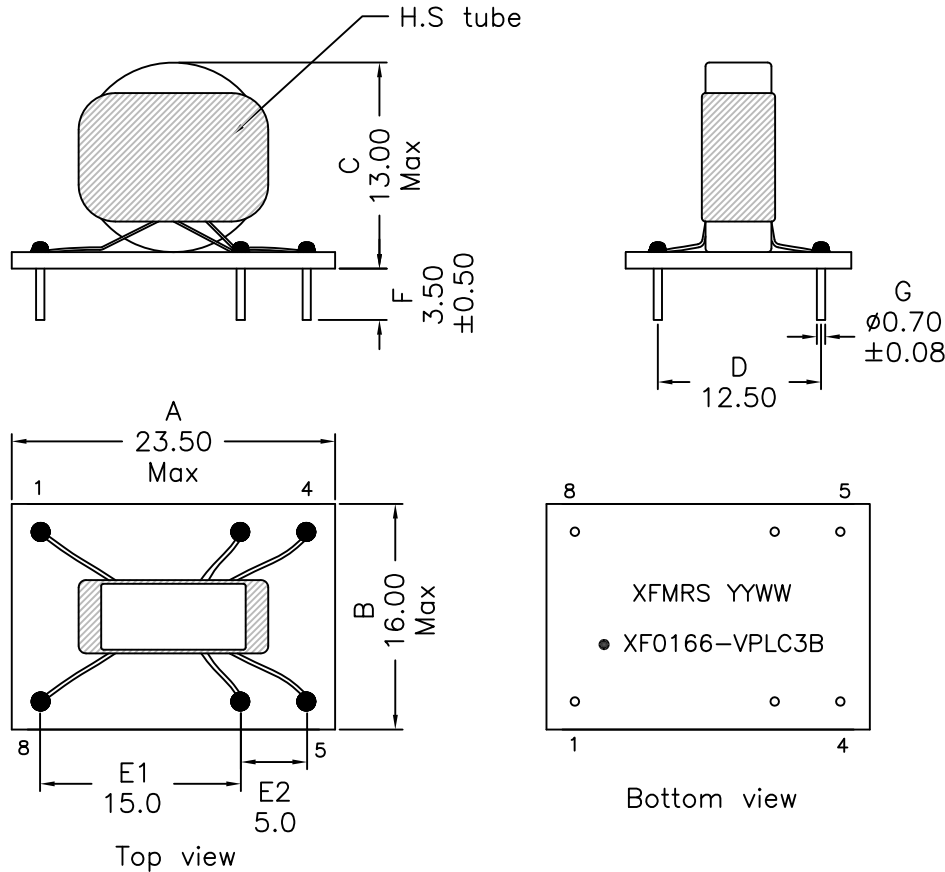


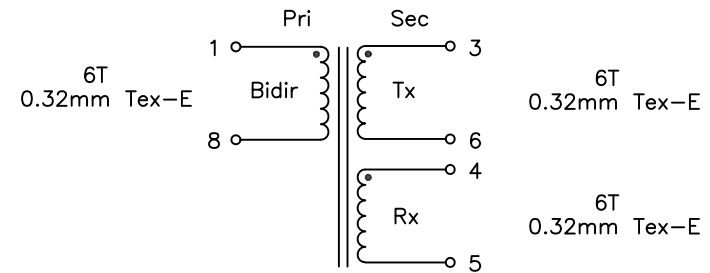
1. Mechanical Dimensions:



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 B 130°C. UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component
10. Pins 2 & 7 are removed.

2. Schematic:



Case: YC-CS-56
 CORE: Acme P5 T9x5x3C
 Winding Style: Trifilar, Twisted

3. Electrical Specifications: @25°C

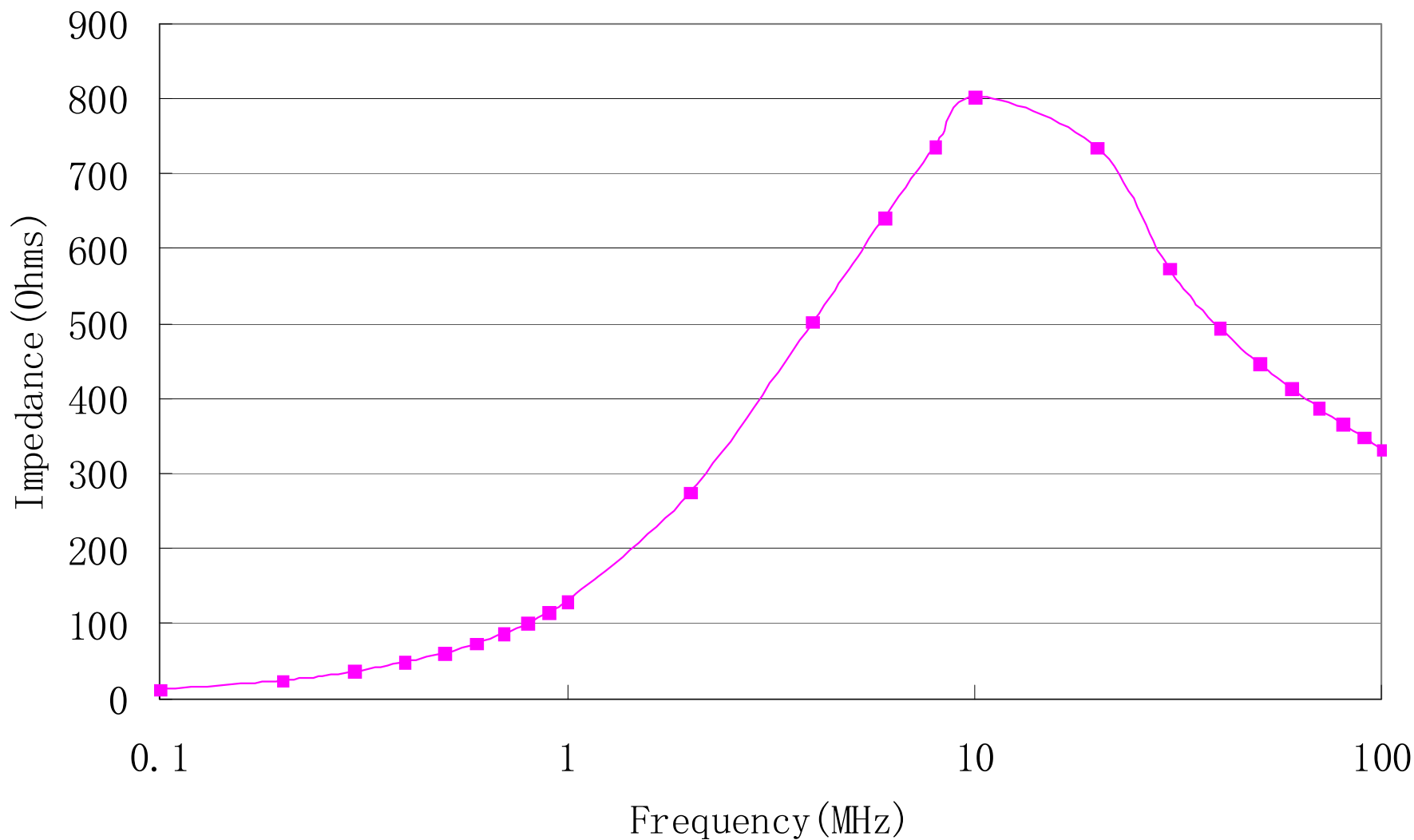
Inductance: Pins 1-8 16.0uH Min @1MHz, 0.1V
 LL: Pins 1-8 200nH Max @1MHz, 0.1V (short all else)
 DCR: Pins 1-8 0.050 Ohms Max
 Pins 3-6 0.050 Ohms Max
 Pins 4-5 0.050 Ohms Max
 Turns Ratio (±2%): (1-8):(3-6) = 1.000:1.000
 (1-8):(4-5) = 1.000:1.000
 Isolation: 6000Vdc (4250Vrms) Pri to Sec, 1mA Max, 1 Min
 1800Vdc for 1Sec, Sec to Sec
 Freq Range: 1-30MHz
 Q: 5 Min @1MHz 0.1V

DOC. REV: A/3

XFMR5 Inc. www.XFMR5.com	Title: PLC Coupling Xfmr		
	UNLESS OTHERWISE SPECIFIED	P/N: XF0166-VPLC3B	REV. A
TOLERANCES: .xx ±0.25	DWN.	Yuan	Sep-12-12
Dimensions in mm	CHK.	YK Liao	Sep-12-12
SHEET 1 OF 2	APP.	Joe Huff	Sep-12-12

PROPRIETARY

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DOC. REV: A/3

XFMRs Inc. www.XFMRS.com	Title: PLC Coupling Xfmr		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm		P/N: XF0166-VPLC3B REV. A
SHEET 2 OF 2	DWN.	Yuan	Sep-12-12
	CHK.	YK Liao	Sep-12-12
	APP.	Joe Huff	Sep-12-12

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