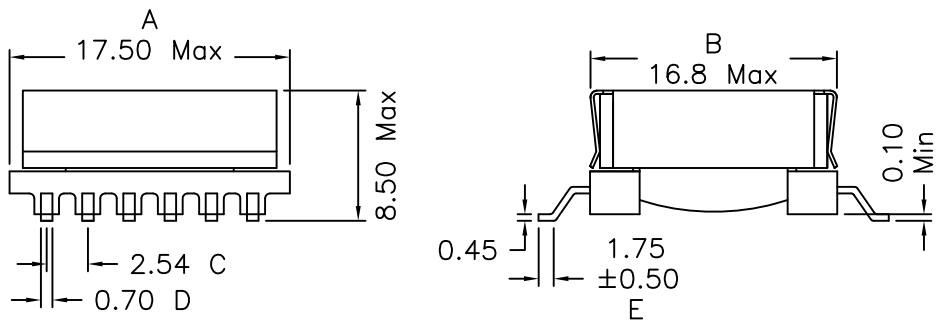
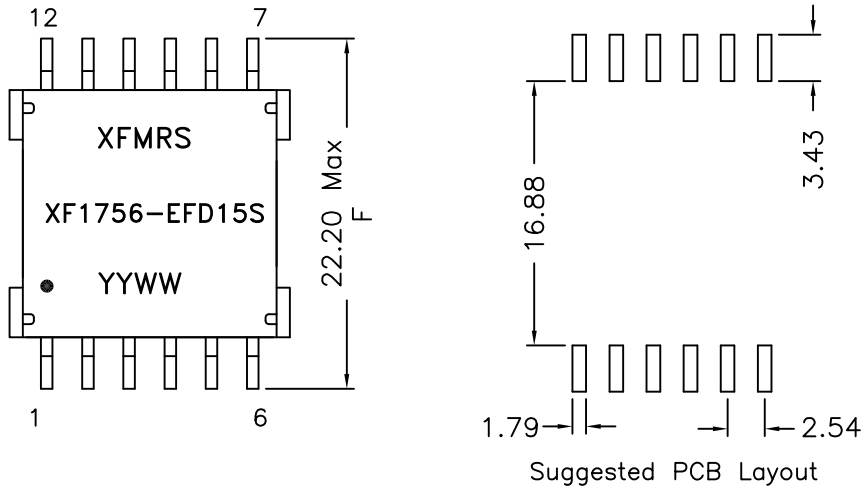
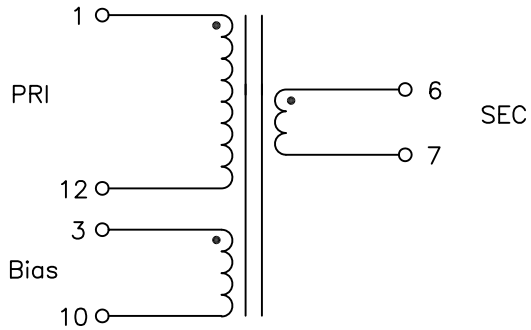
1. Mechanical Dimensions:





2. Schematic:



3. Electrical Specifications:

OCL: Pins 1−12 175uH±10% @200KHz, 0.1V

Q: Pins 1−12 80 Min @200KHz, 0.1V

LL: Pins 1−12 3.3uH Max @200KHz, 0.1V Short all else

DCR: Pins 1−12 0.200 Ohms Max
Pins 6−7 0.034 Ohms Max
Pins 3−10 0.71 Ohms Max

Turn Ratio: Pins 1−12:6−7 = 1:0.43750±5%
Pins 1−12:3−10 = 1:0.4687±5%

Hipot: 1500Vac Pri to Bias & Sec for 2 Seconds

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 −40°C to +85°C
6. Storage Temperature Range: −55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC. REV: A/2

XFMRS Inc www.XFMRS.com	Title: TRANSFORMER		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.20 Dimensions in MM	P/N: XF1756−EFD15S		REV. A
	DWN.	Yuan	Sep−04−12
	CHK.	YK Liao	Sep−04−12
SHT 1 OF 1	APP.	Joe Huff	Sep−04−12

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