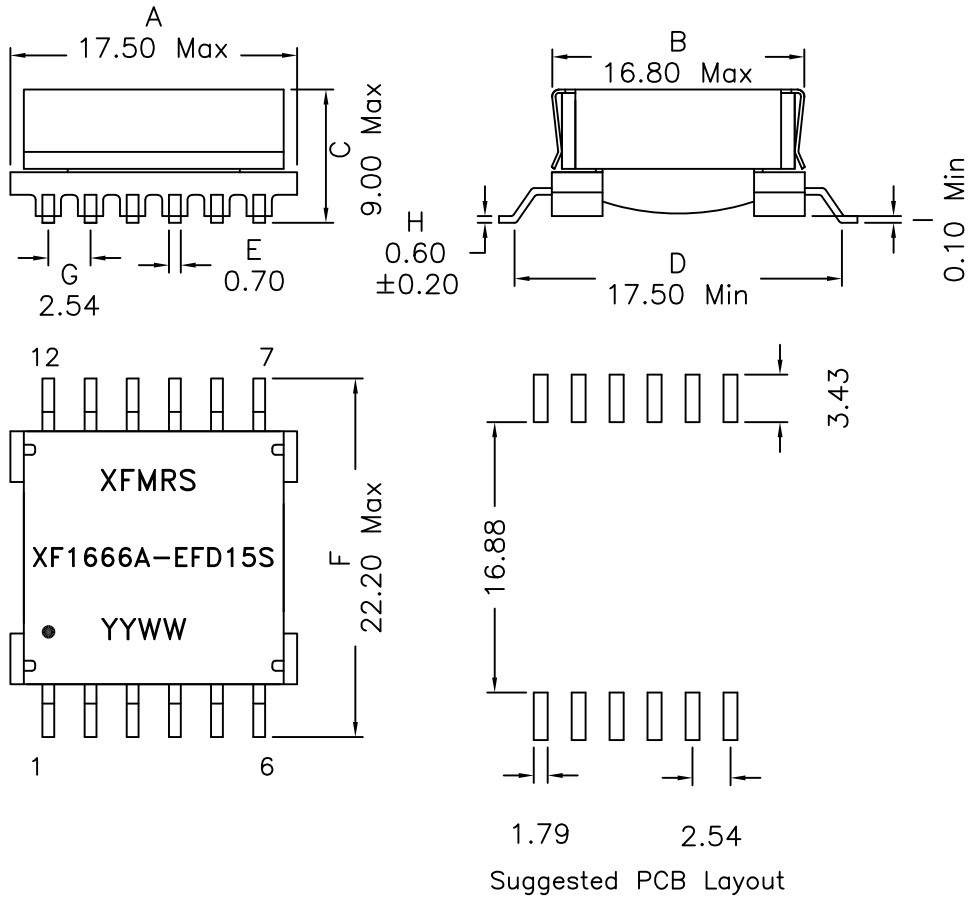


1. Mechanical Dimensions:

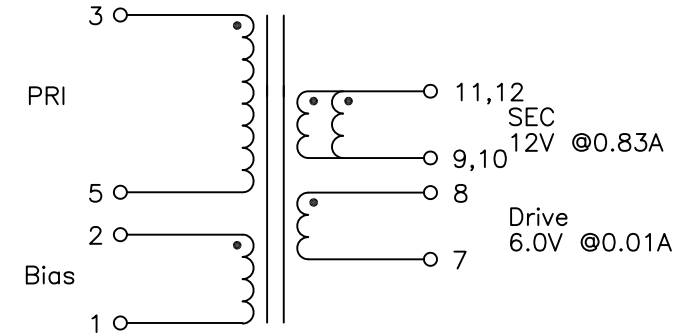


Notes:

- 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
- All listed parameters are to be within tolerance from -40°C to +85°C unless otherwise noted
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: ±0.004" (0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Recommended IR Reflow peak temp of 250°C Max.

DOC REV: A/1

2. Schematic:



3. Electrical Specifications:

- OCL: Pins 3-5 166.5uH±10% @100KHz 0.10V
Pins 3-5 150uH Min @100KHz 0.10V, 1.20Adc
- LL: Pins 3-5 2.05uH Max @100KHz 0.10V Short all else
- Q: Pins 3-5 15 Min @100KHz 0.10V
- DCR: Pins 3-5 0.760 Ohms Max
Pins 11-9 0.202 Ohms Max
Pins 12-10 0.202 Ohms Max
Pins 8-7 0.500 Ohms Max
Pins 2-1 1.10 Ohms Max
- Turns Ratio: (3-5):(2-1):(12-10):(11-9):(8-7)
=1.000:0.500:0.500:0.500:0.250±2%
- Hipot: 1500Vac, PRI & Bias to SEC
300Vac, PRI to Bias, All Wdgs to Core
- SRF: Pins 3-5 1500KHz Min

XFMRs, Inc www.XFMRs.com	Title: TRANSFORMER		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.20 Dimensions in MM	P/N: XF1666A-EFD15S	REV. A	
	DWN.	Xiang	Jul-29-16
	CHK.	YK Liao	Jul-29-16
Scale 2.5:1 SHT 1 OF 1	APP.	BSJ	Jul-29-16

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