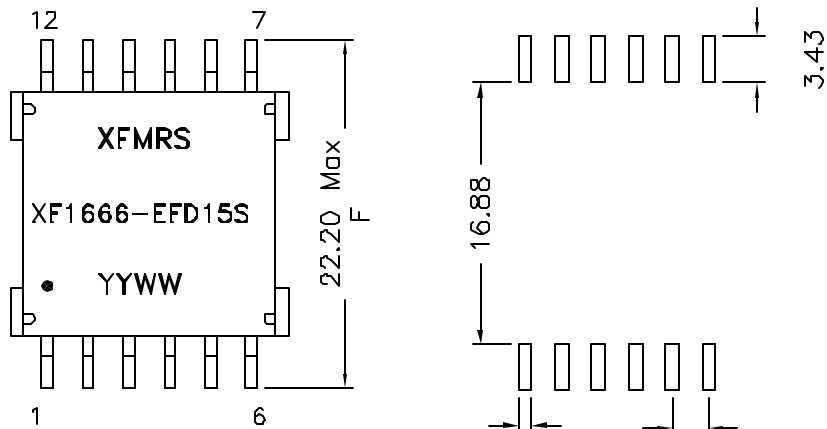
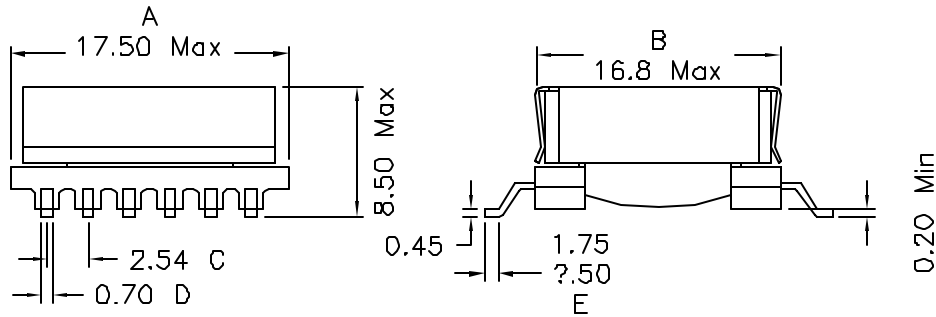


1. Mechanical Dimensions:

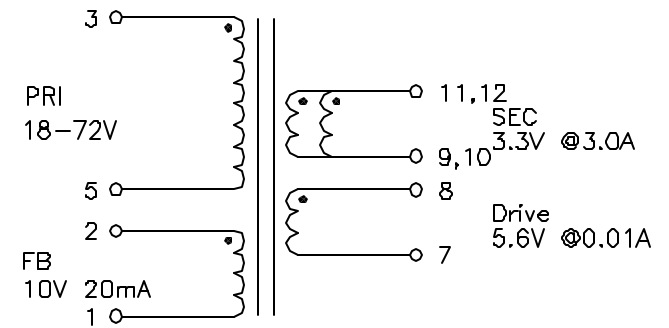


Notes:

- Solderability: Leads shall meet MIL-STD-202C, 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: $\pm 0.004"$ (0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

DOC REV: A/1

2. Schematic:



3. Electrical Specifications:

OCL: Pins 3-5 166.5uH $\pm 10\%$ @100KHz 0.10V
 OCL: Pins 3-5 150uH Min @100KHz 0.10V, 1.20Adc
 LL: Pins 3-5 2.5uH Max @100KHz 0.10V Short all else
 Q: Pins 3-5 30 Min @100KHz 0.10V
 DCR: Pins 3-5 0.770 Ohms Max
 DCR: Pins 11,12-9,10 0.020 Ohms Max
 DCR: Pins 8-7 0.560 Ohms Max
 DCR: Pins 2-1 1.12 Ohms Max
 TURNS RATIO: Pins (3-5):(11,12-9,10)=6.5:1
 TURNS RATIO: Pins (3-5):(8-7)=3.7:1
 TURNS RATIO: Pins (3-5):(2-1)=2.0:1
 HIPOT: 1500Vac, PRI & FB to SEC
 HIPOT: 300Vac, PRI to FB, All Wdgs to Core

XFMR5, Inc www.XFMR5.com	Title: TRANSFORMER		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ± 0.20 Dimensions in MM	P/N: XF1666-EFD15S		REV. A
	DWN.	Juan Mao	Apr-09-08
	CHK.	YK Liao	Apr-09-08
Scale 2.5:1 SHT 1 OF 1	APP.	BW	Apr-09-08

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