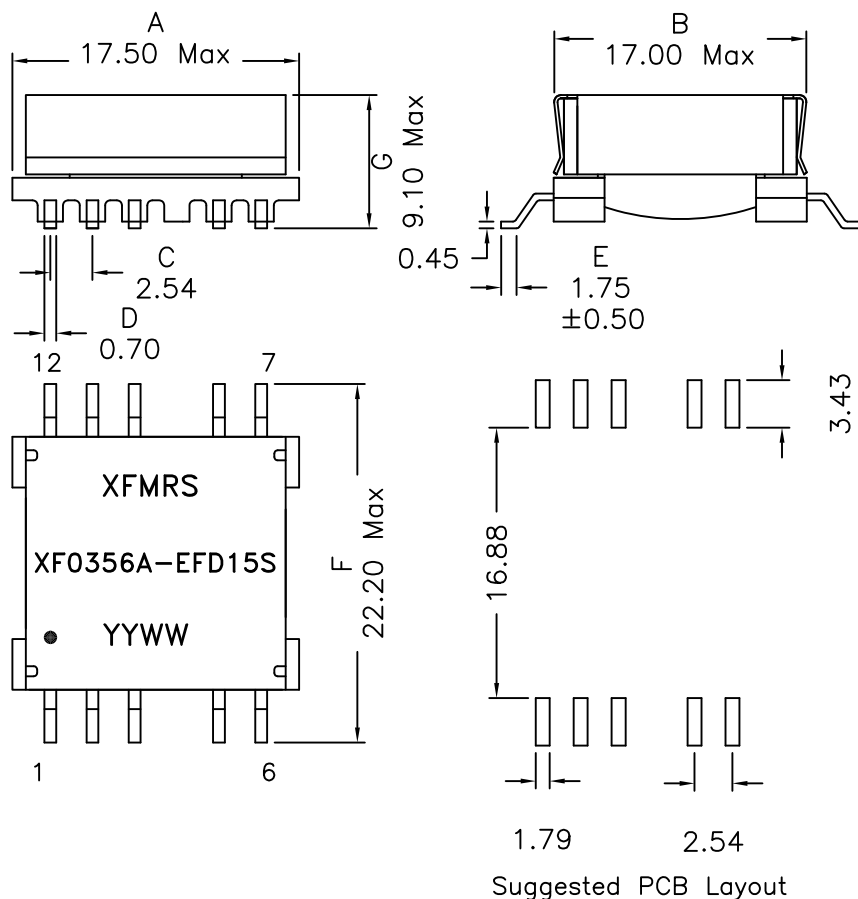


1. Mechanical Dimensions:

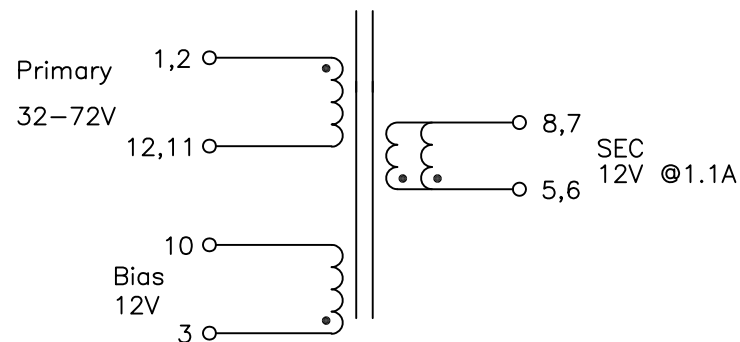


Notes:

- 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 noted 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/3

2. Schematic:



3. Electrical Specifications:

- OCL: Pins 1,2-11,12 35uH±10% @250KHz, 0.3V
 Pins 1,2-11,12 26.50uH Min @250KHz, 0.3V, 2.0Adc
 Pins 1,2-11,12 25.2uH-37uH @250KHz, 0.3V,(-40°C to 0°C)
- Q: Pins 1,2-11,12 8 Min @250KHz, 0.3V
- LL: Pins 1,2-11,12 0.90uH Max @300KHz, 1.0V Short Secs
- Cw/w: Pins 1-5 135pF Max @100KHz 0.1V (Short Pri & Bias ;Sec)
- DCR: Pins 1-12 0.175 Ohms Max
 Pins 2-11 0.220 Ohms Max
 Pins 5-8 0.033 Ohms Max
 Pins 6-7 0.033 Ohms Max
 Pins 3-10 0.150 Ohms Max
- Turns Ratio: (1-12):(2-11):(5-8):(6-7):(3-10)
 =1.000:1.000:0.346:0.346:0.346±2%
- Isolation Voltage: 1500Vrms, Pri&Bias to Sec
 500Vrms, Pri to Bias
- SRF: Pins 1,2-11,12 1.20MHz Min

| | | | |
|------------------------------------|---|---------------------|-----------|
| XFMRs, Inc www.XFMRs.com | Title: TRANSFORMER | | |
| | UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM | P/N: XF0356A-EFD15S | REV. A |
| SHEET 1 OF 1 | DWN. | Xiang | Sep-28-16 |
| | CHK. | YK Liao | Sep-28-16 |
| | APP. | DDC | Sep-28-16 |