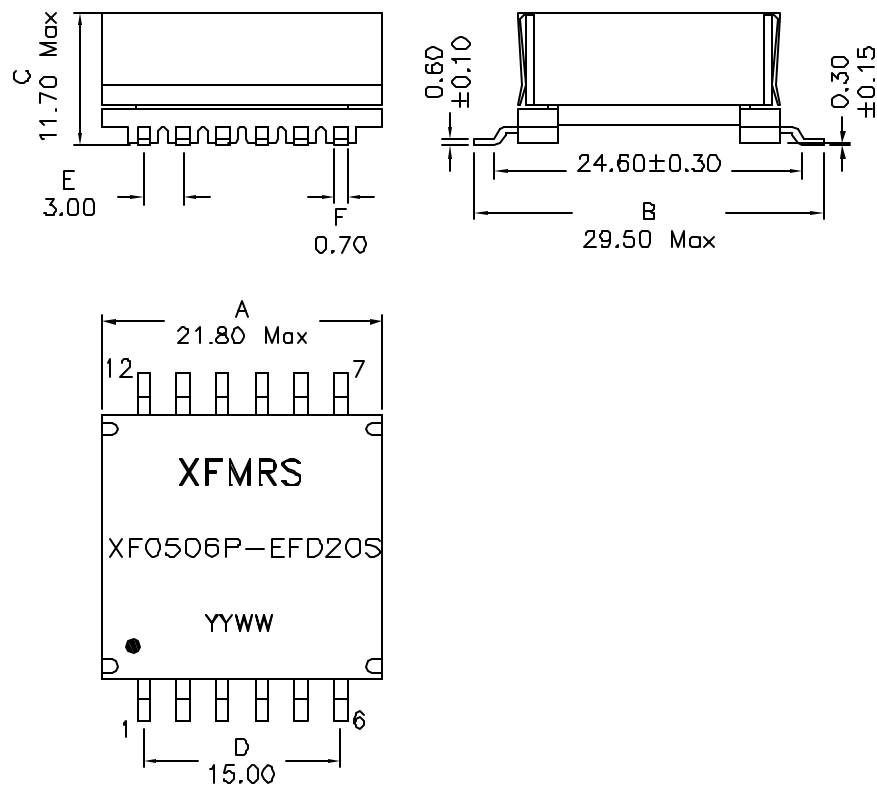
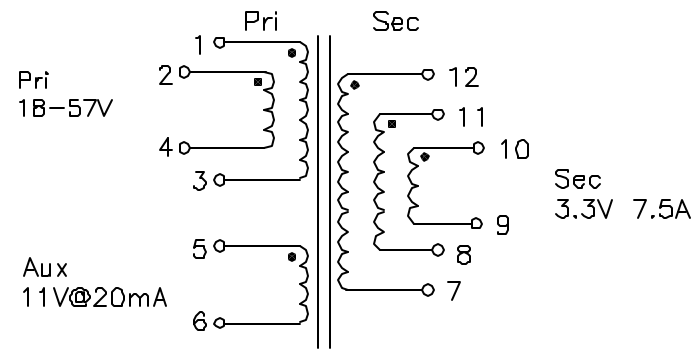


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: Pins 1,2-4,3 50uH±10% @250KHz, 0.7V
 LL: Pins 1,2-4,3 2.20uH Max @250KHz, 0.7V, Short Secs
 DCR: Pins 1,2-4,3 0.026 Ohms Max (parallel)
 Pins 5-6 0.328 Ohms Max
 Pins 12,11,10-7,8,9 0.0026 Ohms Max (parallel)
 Turns Ratio: Pins (1,2-3,4):(12,11,10-7,8,9):(5-6)=
 1.00:0.12:0.41
 Isolation Voltage: 1500Vrms, Pri&Aux to Sec
 Peak Primary Current: 2.9A

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
- 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: ±0.004" (0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

DOC. REV A/1

| | | | | |
|-----------------------------------|--|---------------------|-----------|--|
| XFMRS Inc www.XFMRS.com | Title: 25W POE Transformer | | | |
| | UNLESS OTHERWISE SPECIFIED TOLERANCES: | P/N: XF0506P-EFD20S | REV. A | |
| .xx ±0.25 | DWN. | Juan Mao | Jan-12-07 | |
| Dimensions in MM | CHK. | YK Liao | Jan-12-07 | |
| SHEET 1 OF 1 | APP. | Joe Huff | Jan-12-07 | |