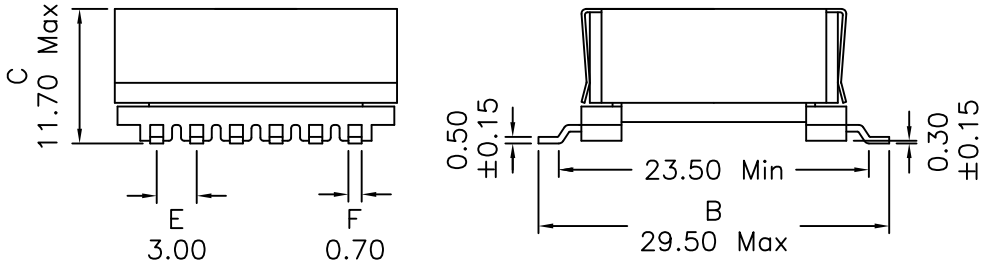
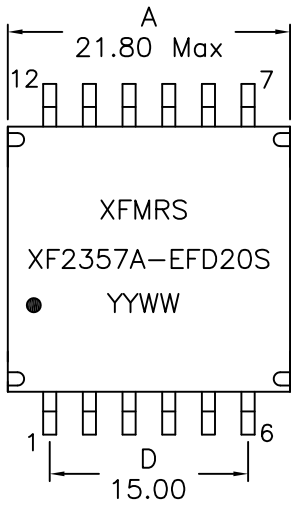
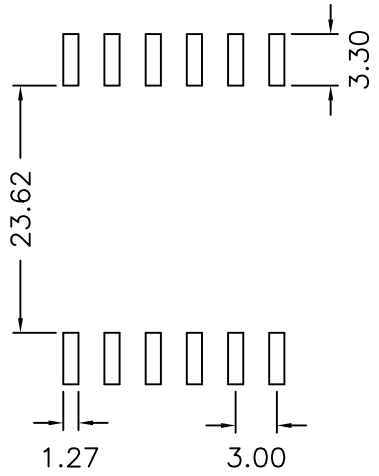
1. Mechanical Dimensions:





Top view

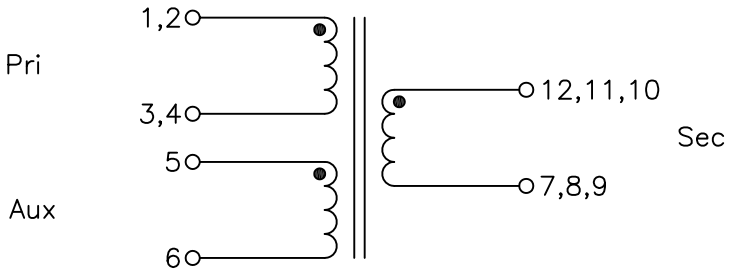


Suggested PCB Layout

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
11. Recommended IR Reflow peak temp of 250°C Max.

2. Schematic:



3. Electrical Specifications: @25°C

OCL: Pins 1,2-3,4 23.5uH±10% @100KHz, 0.1V
Pins 1,2-3,4 21.15uH Min @100KHz, 0.1V @4.0Adc

Q: Pins 1,2-3,4 40 Min @100KHz, 0.1V

LL: Pins 1,2-3,4 0.30uH Max @100KHz, 0.1V
Short P7+8+9+10+11+12

CW/w: Pins 1-12 180pF Max @100KHz, 0.1V Short Pri & Aux; Sec

DCR: Pins 1,2-3,4 0.038 Ohms Max
Pins 5-6 0.270 Ohms Max
Pins 12,11,10-7,8,9 0.048 Ohms Max

Turns Ratio: (1,2-3,4):(12,11,10-7,8,9):(5-6)
= 1.000:0.923:0.462±3%

Hipot: 1500Vac, P1+2+5 to P12+11+10, 3mA for 1 minute
500Vac, P1+2 to P5, 3mA for 1 minute
500Vac, All pins to Core, 3mA for 1 minute

DOC. REV: A/1

XFMRS Inc www.XFMRS.com	Title: Flyback Transformer		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XF2357A-EFD20S		REV. A
	DWN.	Yuan	Sep-11-14
	CHK.	YK Liao	Sep-11-14
SHEET 1 OF 1	APP.	YK Liao	Sep-11-14

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