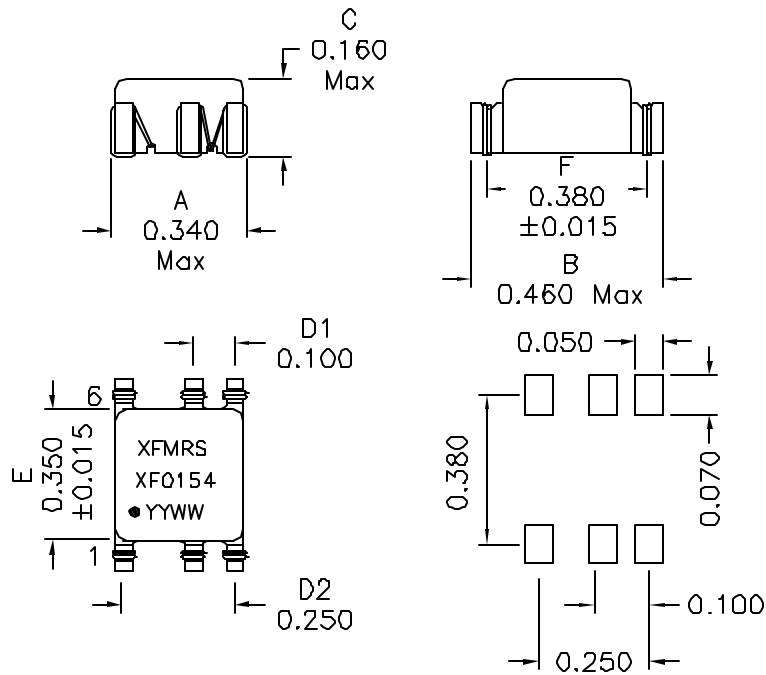
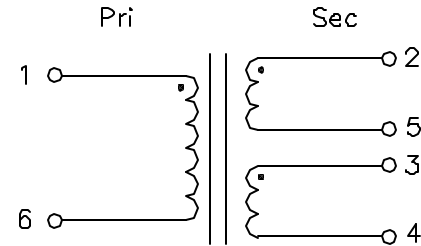


1. Mechanical Dimensions:



SUGGESTED PAD LAYOUT

2. Schematic:



3. Electrical Specifications:

- PRI OCL: 1500uH Min @100KHz, 0.1V (0°C to 125°C)
800uH Min @100KHz, 0.1V (-40°C to 0°C)
- PRI Q: 8 Min @10KHz, 50mV
- LL: Pins 1-6 0.50uH Max @100KHz, 0.1V (tie Pins 2-5)
- PRI DCR: 0.620 Ohms Max
- SEC DCR: 0.620 Ohms Max (each)
- Turn Ratio: Pins(1-6):(2-5):(3-4)=1:1:1
- Isolation Volatage: 1500Vrms, PRI TO SEC

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 +125°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. Designed to meet 1.4mm Creepage and Clearance (Pri-Sec)
12. Designed to meet Basic Insulation(Pri-Sec)

DOC REV A/1

| | | | |
|-----------------------------------|--|------------------|-----------|
| XFMRs Inc www.XFMRs.com | Title: Gate Drive Transformer | | |
| | UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH | P/N: XF0154-GD13 | REV. A |
| SHEET 1 OF 1 | DWN. | Feng | Apr-07-10 |
| | CHK. | YK Liao | Apr-07-10 |
| | APP. | Joe Huff | Apr-07-10 |