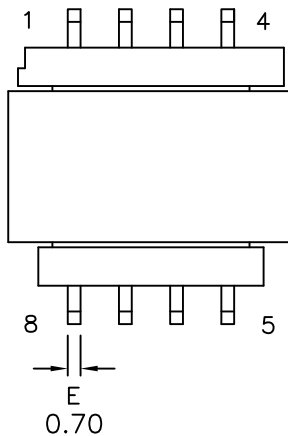
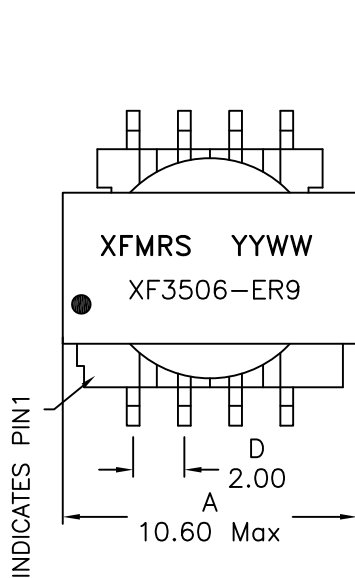
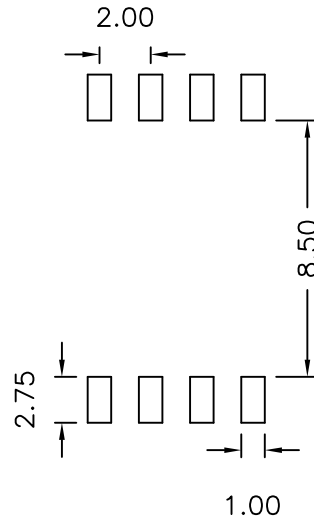
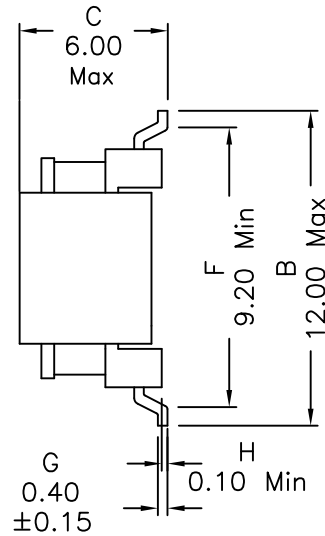


1. Mechanical Dimensions:

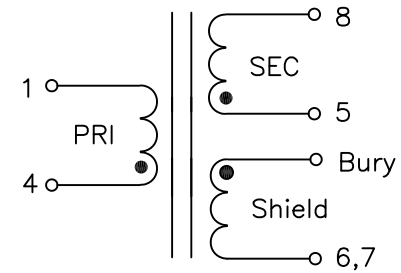


(BOTTOM VIEW)



(SUGGESTED PAD LAYOUT)

2. Schematic:



3. Electrical Specifications:

- OC1: Pins 4-1 252uH Min @100KHz 0.1V
- OC2: Pins 4-1 150uH Min @100KHz 0.1V (-40°C to 0°C)
- Q: Pins 4-1 5 Min @10KHz 0.1V,
- LL: Pins 4-1 1.20uH Max @100KHz 0.1V (short all else)
- Cw/w: Pins 4-5 5pF Typ @100KHz 0.1V
- Pins 4-5 2.0pF Typ @100KHz 0.1V (P6 Tie to Ground)
- DCR: Pins 4-1 0.395 Ohms Max
- Pins 5-8 0.485 Ohms Max
- Bandwidth: ±3dB 15KHz-115MHz Typ
- E/T Product: 25V/uS Typ
- Rise Time: 3nS Typ @ 110 Ohms
- URNS RATIO: Pins (4-1):(5-8)=1.0:1.0±2%
- HIPOT: 500Vdc, 1+4 to 5+6+7+8, All Wdgs to Core
- SRF: Pins 4-1 700KHz Min

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. All listed parameters are to be within tolerance from -40°C to +85°C unless otherwise noted
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 235°C Max.

XFMR5 Inc www.XFMR5.com	Title: Transformer		
	UNLESS OTHERWISE SPECIFIED	P/N: XF3506-ER9	REV. B
TOLERANCES: .xx ±0.25	DWN.	Xiang	Apr-15-16
Dimensions in MM	CHK.	YK Liao	Apr-15-16
SHEET 1 OF 1	APP.	Joe Huff	Apr-15-16

DOC REV: B/2

PROPRIETARY

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