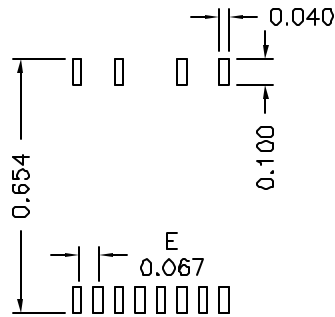
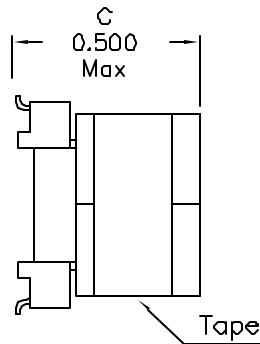
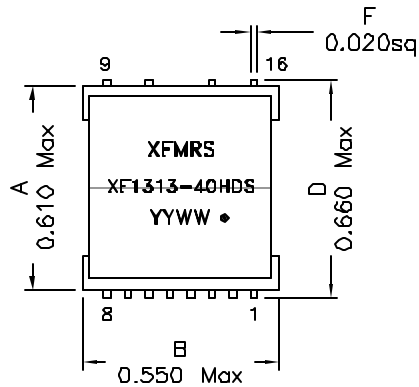


1. Mechanical Dimensions:



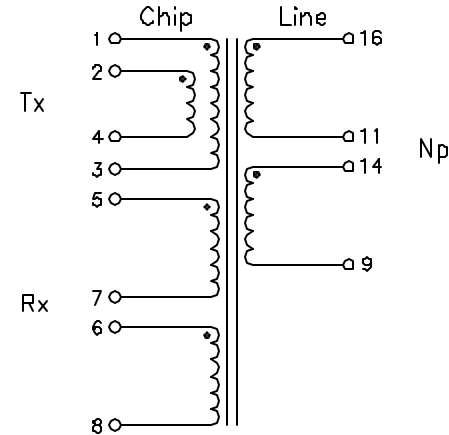
Suggested Pad Layout

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 E151558
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. Removed Pins #10, 12, 13, 15
12. Meets Supplementary Insulation between SELV and TNV at 250 working Volts

DOC REV: A/2

2. Schematic:



3. Electrical Specifications: @25°C

- DCL: Pins 16-9 400uH±10% @10KHz 0.1V, Tie Pins 11+14
- Q: Pins 16-9 5 Min @10KHz 0.1V, Tie Pins 11+14
- LL: Pins 16-9 3.5uH Max @100KHz 0.1V, Short Pins 1+2+3+4
Pins 16-9 3.0uH Max @100KHz 0.1V, Short Pins 5+6+7+8
- Cw/w: Pins 16-1 200pF Max @100KHz 0.1V, (Short Pri; Sec)
- THD: -85.0dB Max @30KHz 3Vrms
- SRF: Pins 16-9 1.0MHz Min
Pins 16-11 2.0MHz Min
- DCR: Pins 16-9 3.00 Ohms Max (tie 11+14)
Pins 1-4 0.300 Ohms Max (tie 1+2 & 3+4)
Pins 5-8 4.40 Ohms Max (tie 7+6)
- Turns Ratio: (16-11):(14-9):(5-7):(6-8):(1-3):(2-4)
=1.000:1.000:1.000:1.000:0.464:0.464±2%
- HIPOT: 1500Vac Chip to Line

XFMRS Inc www.XFMRS.com	Title: TRANSFORMER		
	UNLESS OTHERWISE SPECIFIED	P/N: XF1313-40HDS	REV. A
TOLERANCES: .xxx ±0.010	DWN.	Feng	May-25-11
Dimensions in Inches	CHK.	YK Liao	May-25-11
SHEET 1 OF 1	APP.	Joe Huff	May-25-11