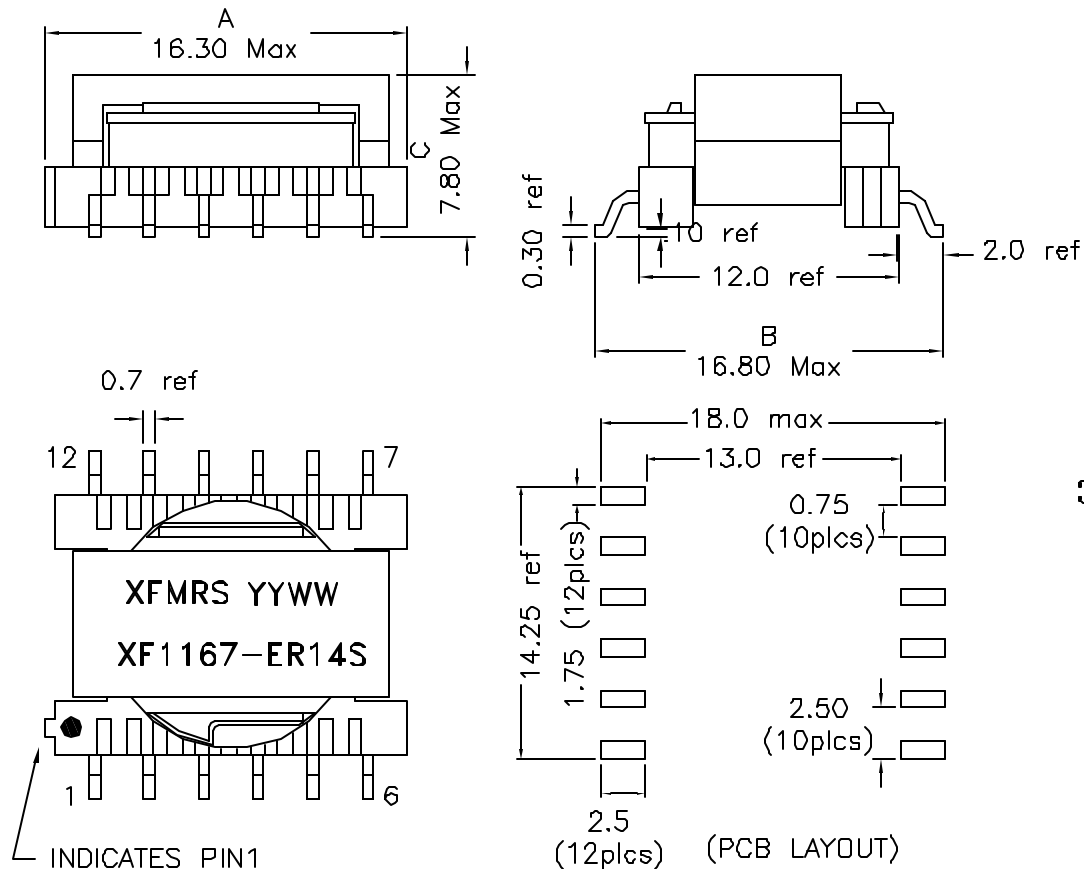


1. Mechanical Dimensions:

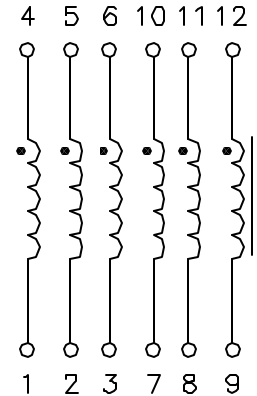


Notes:

1. Solderability: Leads shall meet MIL-STD-202, Method 20BD 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: $\pm 0.004^\circ$ (0.102mm)
9. Moisture Sensitivity: Level 3
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component

DOC. REV A/1

2. Schematic:



3. Electrical Specifications:

OCL: 11.6uH $\pm$ 20% @10KHz 0.1V, Each Wdg.

LL: Pins 1-4 0.165uH Typ @100KHz 0.1V,

All Else Shorted

Isat: 0.99A Typ

Irms: 0.95A Typ

Volt-uS: 48.3uVs Max

Energy: 3.94uJ Typ

Thermal Resistance: 44.0 °C/Watt Typ

DCR: 0.159 Ohms Max., Each Wdg.

HIPOT: 500VAC Wdg to Wdg & Wdg to Core

XFMRS Inc www.XFMRS.com		Title: Surface Mount Inductor	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx $\pm$ 0.25 Dimensions in mm SHT 1 OF 1	P/N:	XF1167-ER14S	REV. A
	DWN.	李小锋	Jan-04-05
	CHK.	廖玉坤	Jan-04-05
	APP.	J Ng	Jan-04-05