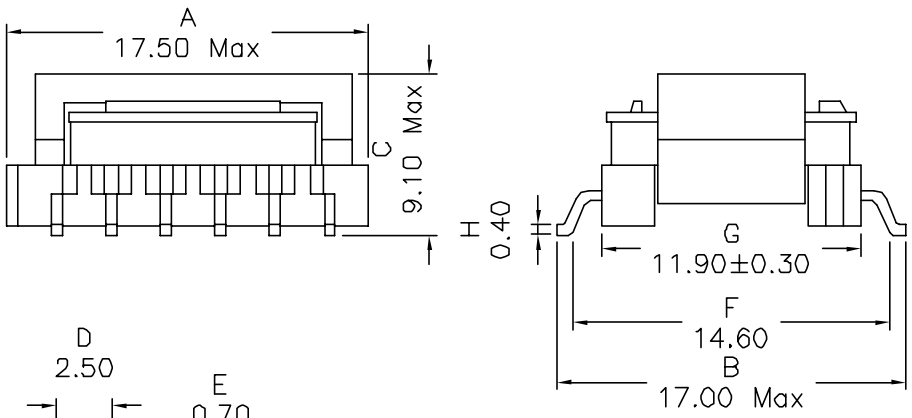
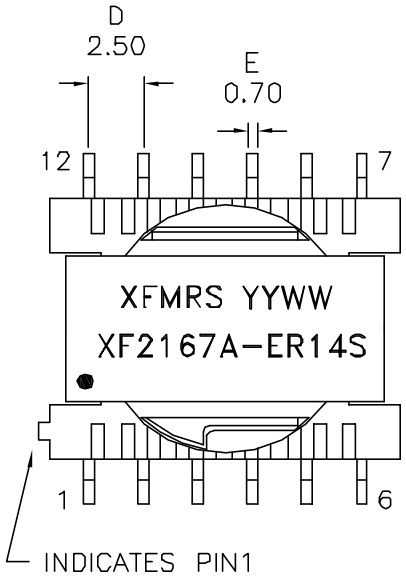
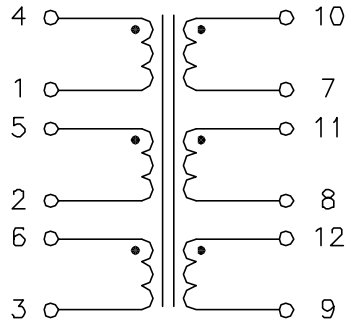
1. Mechanical Dimensions:





2. Schematic:



3. Electrical Specifications:

OCL: 21.6uH ±20% @10KHz 0.1V, Each Wdg
LL: Pins 4–1 0.165uH Max. @100KHz 0.1V
All Else Shorted
DCR: 0.159 Ohms Max. Each Wdg
Turns Ratio: (4–1):(5–2):(6–3):(10–7):(11–8):(12–9)
=1:1:1:1:1:1
Isat: 0.53Adc Typ
Irms: 0.95A Typ
Volt–uS: 48.3uVs Max
Epeak: 2.11uJ Typ
Thermal Resistance: 44°C/Watt Typ
HIPOT: 500VAC Wire to Wire & Wires to Core

Notes:

1. Solderability: Leads shall meet MIL–STD–202, Method 208D 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 0°C to +70°C
6. Storage Temperature Range: –55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Moisture Sensitivity: Level 3
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component

DOC. REV A/1

XFMRS Inc www.XFMRS.com	Title: Surface Mount Inductor		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm	P/N: XF2167A-ER14S		REV. A
	DWN.	廣玉坤	Jul–25–05
	CHK.	李清IL	Jul–25–05
SHT 1 OF 1	APP.	BW	Jul–25–05

PROPRIETARY Document is the property of XFMRS Group & is not allowed to be duplicated without authorization.