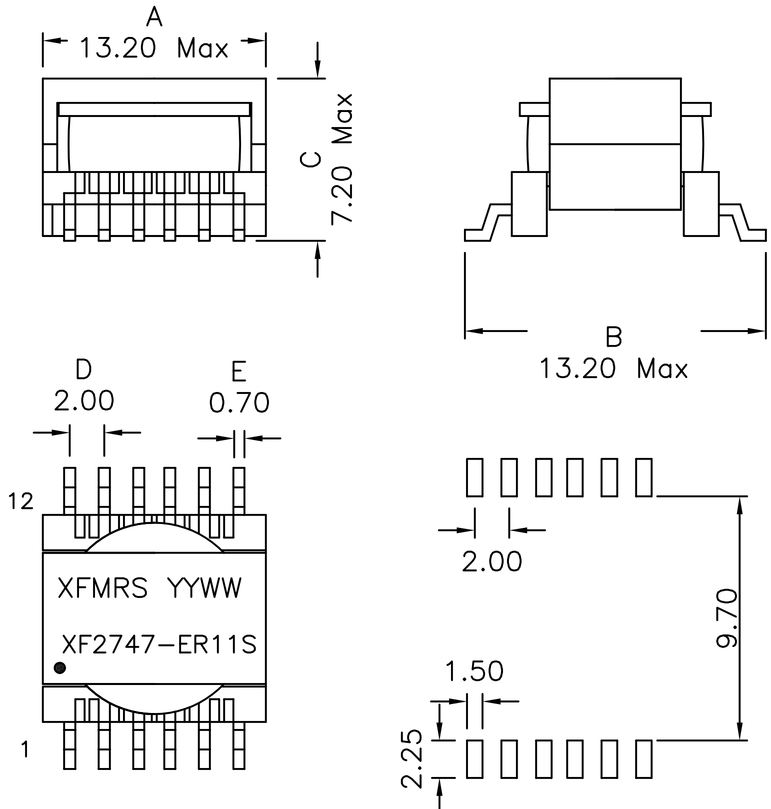
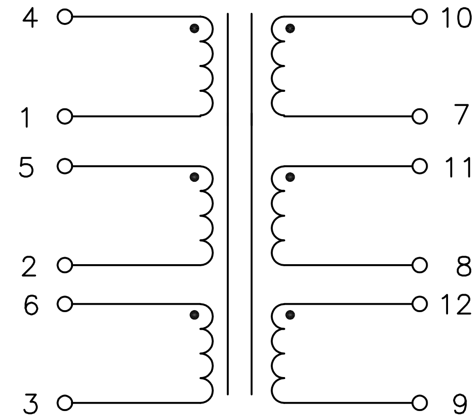
1. Mechanical Dimensions:



(TOP VIEW)

Suggested Pad Layout

2. Schematic:



3. Electrical Specifications:

OCL: 27.4uH±20% @120KHz 0.1V, Each Wdg

LL: Pins 4–1 0.212uH Typ @120KHz 0.1V, Short all else

DCR: 0.344 Ohms Max, Each Wdg

Isat: 0.29Adc Max (Based on 30% drop in OCL)

Irms: 0.55Arms Max (Based on 40ø Temp Rise)

Turns Ratio: 1:1:1:1:1:1

Isolation Voltage: 500Vac, Wdg to Wdg, All Wdgs 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 –40°C to +85°C
6. Storage Temperature Range: –55°C to +125°C
7. Aqueous wash compatible

DOC REV: A/1

XFMRS Inc	Title: TRANSFORMER		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XF2747-ER11S		REV. A
	DWN.	廖玉坤	Oct–14–03
	CHK.	李清儿	Oct–14–03
SHT 1 OF 1	APP.	Isaiah M	Oct–14–03