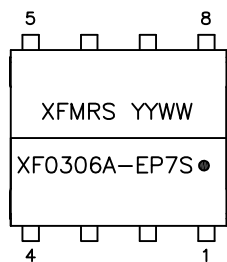
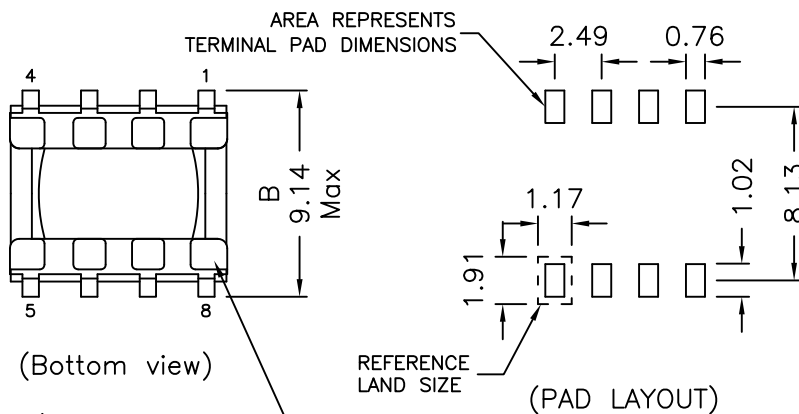
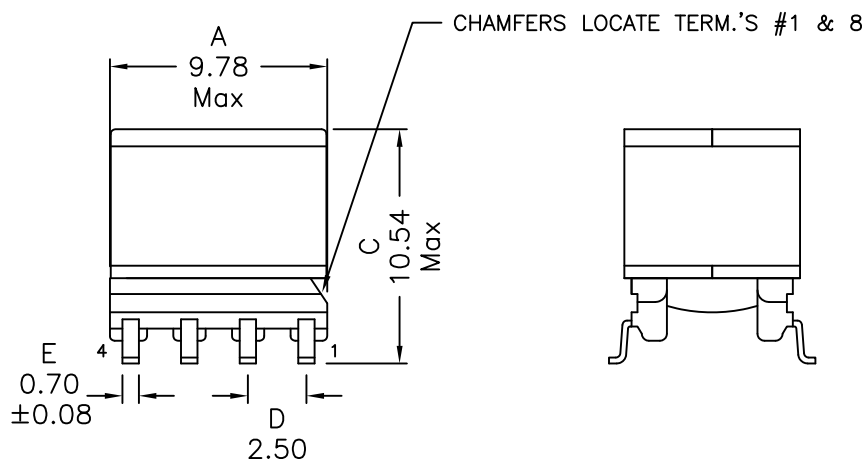


## 1. Mechanical Dimensions:



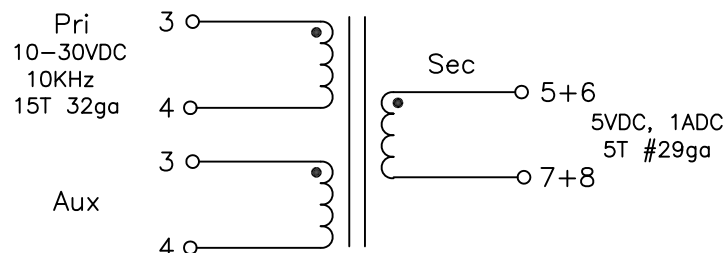
(Top view)



(Bottom view)

TERM. NO.'S FOR REF. ONLY

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: Pins 3-4 30uH±10% @10KHz 0.1V  
Saturation Current: 1.7Adc (20% Drop in OCL typical)

LL: Pins 3-4 1.0uH Max @100KHz 0.1V

Tie Pins 1+2, 5+6+7+8

Cw/w: Pins 3-8 tbd Max @10KHz 0.1V, Short Sec

DCR: Pins 3-4 0.059 Ohms±15%

Pins 2-1 0.236 Ohms±15%

Pins 5-7 0.024 Ohms±15%

Pins 6-8 0.024 Ohms±15%

Turns Ratio: (8-6):(7-5):(3-4) = 1.0:1.0:0.2±1%

Hipot: 1500Vac, Pri to Sec, Pri to Aux

### Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +125°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: ±0.004" (0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

<b>XFMR5 Inc</b> www.XFMR5.com	Title: TRANSFORMER		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XF0306A-EP7S		REV. A
	DWN.	Feng	Nov-19-13
SHT 1 OF 1	CHK.	YK Liao	Nov-19-13
	APP.	DDC	Nov-19-13

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**PROPRIETARY**

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