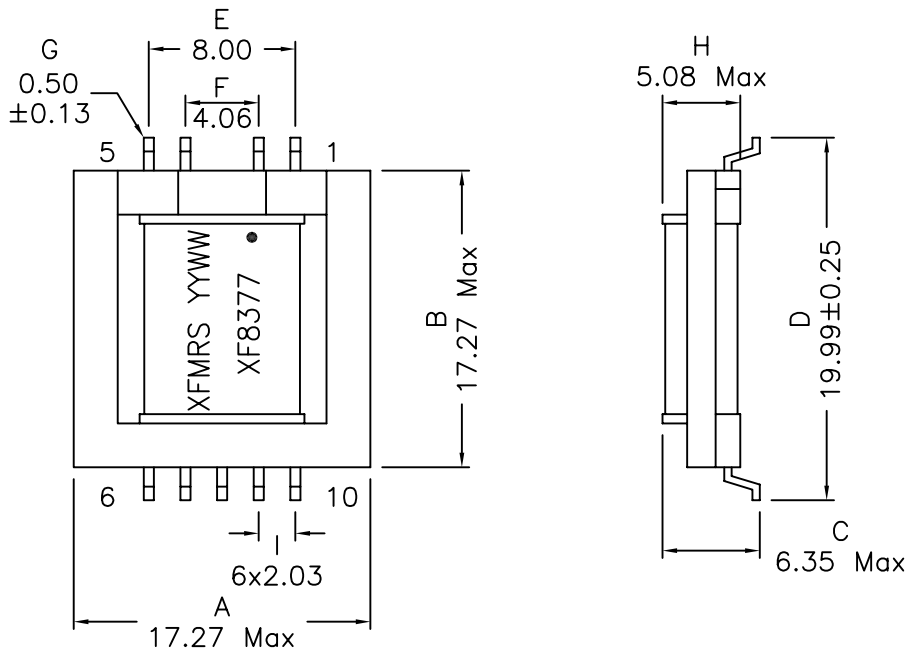


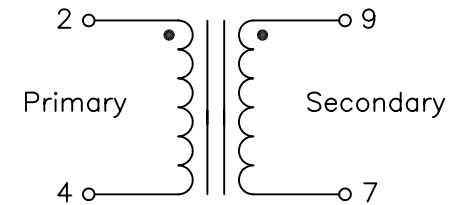
1. Mechanical Dimensions:



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 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: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

2. Schematic:



3. Electrical Specifications: @25°C

Reflects 600 ohms at PRI with 294 ohms Load on SEC

PRI DC Resistance: 155 ±10% ohms

SEC DC Resistance: 159 ±10% ohms

Frequency Response: ±0.25dB @300 to 3500Hz

Insertion Loss: 2.3dB Typ @1KHz

Return Loss: 14dB Typ @300Hz-3500Hz

PRI-SEC HI-POT: 1650Vrms

Maximum Direct Current in PRI: none

(PRI:SEC) Turns Ratio: 1:1±2% @1KHz

Longitudinal Balance: 60dB Minimum @200Hz to 1000Hz

Longitudinal Balance: 40dB Minimum @1000 to 4000Hz

Total Harmonic Distortion: -65dB Typ @600Hz,-10dBm

DOC. REV. A/3

XFMRS Inc www.XFMRS.com	Title: MODEM TRANSFORMER		
	UNLESS OTHERWISE SPECIFIED TOLERANCES:		
.xx ±0.25 MM Dimensions in MM	P/N: XF8377	REV. A	
	DWN.	Feng	Mar-12-11
SHEET 1 OF 1	CHK.	YK Liao	Mar-12-11
	APP.	BW	Mar-12-11