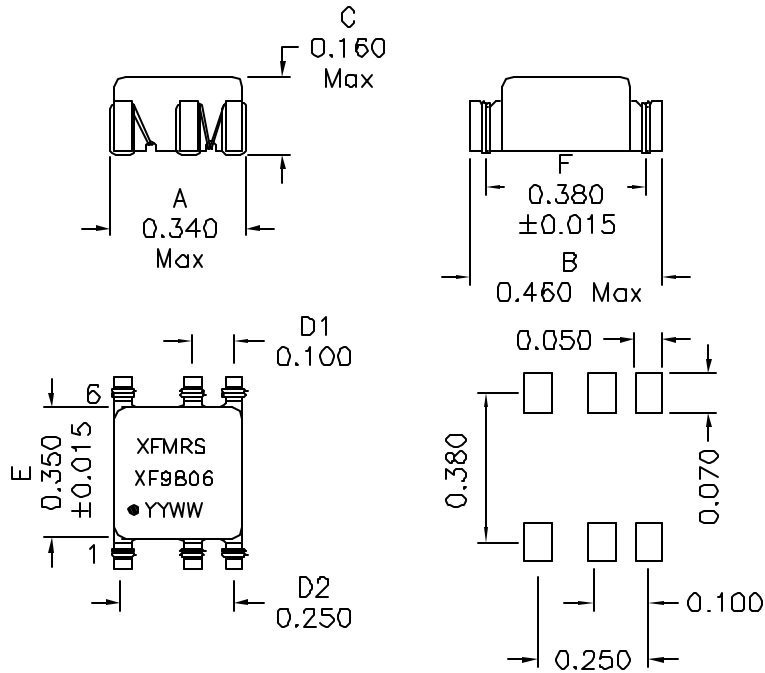
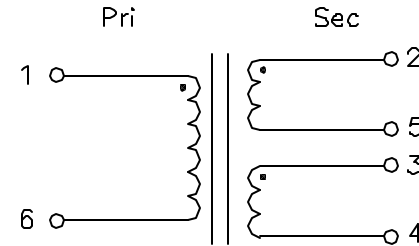


1. Mechanical Dimensions:



SUGGESTED PAD LAYOUT

2. Schematic:



3. Electrical Specifications:

- PRI OCL: 980uH Min @10KHz, 0.1V (0°C to 85°C)
 400uH Min @10KHz, 0.1V (-40°C to 0°C)
- PRI Q: 8 Min @10KHz, 50mV
- LL: Pins 1-6 0.75uH Max @100KHz, 0.1V (tie Pins 2-5)
- PRI DCR: 0.620 Ohms Max
- SEC DCR: 0.880 Ohms Max (each)
- Turn Ratio: Pins(1-6):(2-5):(3-4)=1:1:1
- Isolation Volatage: 1500Vrms, PRI TO SEC

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 +85°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
- Designed to meet 1.4mm Creepage and Clearance (Pri-Sec)

DOC REV B/2

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

XFMRS Inc www.XFMRS.com	Title: Gate Drive Transformer		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XF9806-GD13 DWN.	REV. A Mei Chen
SHEET 1 OF 1	APP.	YK Liao	Apr-07-10