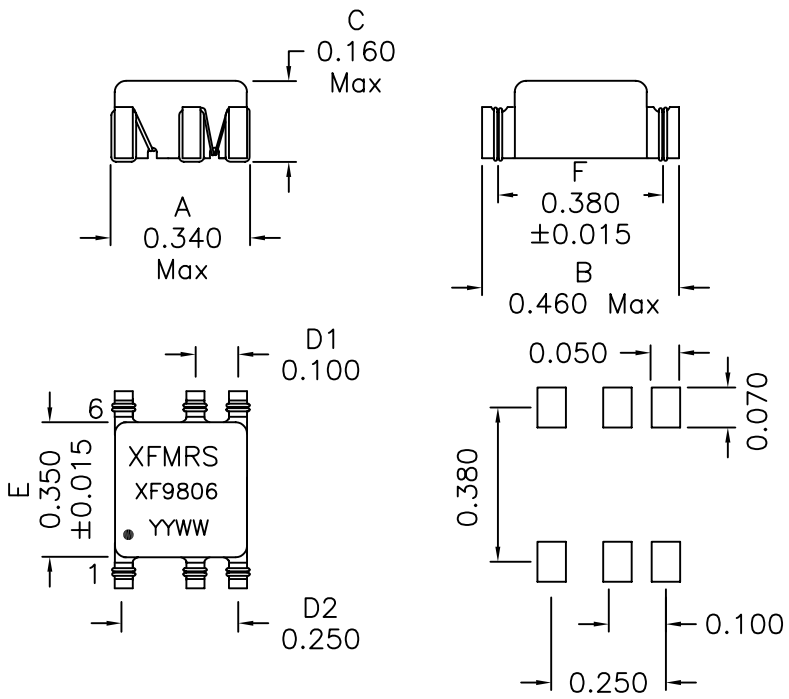
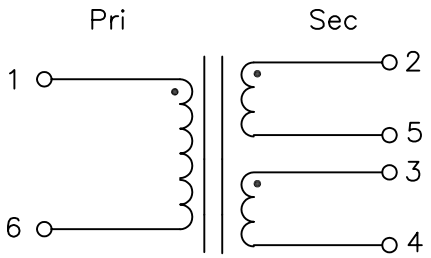
1. Mechanical Dimensions:



SUGGESTED PAD LAYOUT

2. Schematic:



3. Electrical Specifications:

PRI OCL: 980uH Min @10KHz, 0.1V

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:

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
11. Designed to meet 1.4mm Creepage and Clearance (Pri–Sec)

DOC REV B/1

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		REV. B
	DWN.	廣玉坤	Mar–04–10
	CHK.	李清儿	Mar–04–10
SHEET 1 OF 1	APP.	MS	Mar–04–10