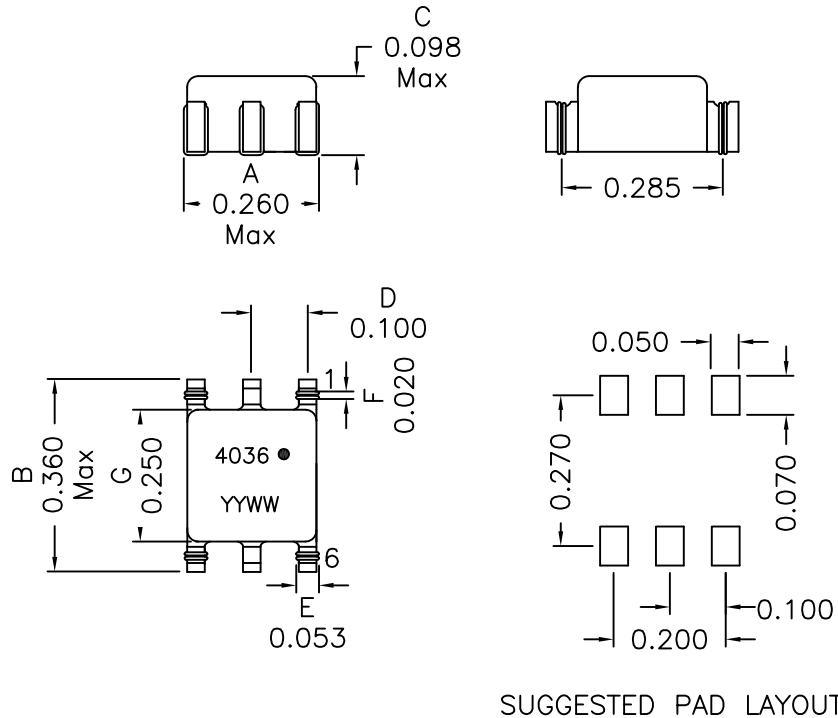


1. Mechanical Dimensions:

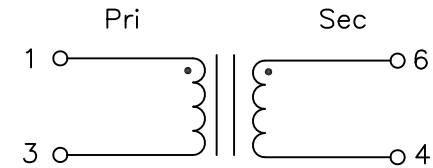


SUGGESTED PAD LAYOUT

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: $\pm 0.004'' (0.102\text{mm})$
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

2. Schematic:



3. Electrical Specifications: @25°C

OCL: Pins 1-3 403uH Min @10KHz 0.1V

Q: Pins 1-3 2 Min @10KHz 50mV

Leakage Inductance: 1-3, 0.460uH Max

@100KHz 0.1V (Tie 6-4)

DCR: Pins 1-3 0.600 Ohms Max

DCR: Pins 6-4 0.600 Ohms Max

Turn Ratio: Pins(1-3):(6-4) = 1.00:1.00

Volts-Seconds: 12V*uSec Max

Isolation Voltage: 1500Vac, Wdg to Wdg

DOC. REV A/2

XFMRs Inc www.XFMRS.com	Title: Gate Drive Transformer		
	P/N: XF4036-GD11	REV. A	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ± 0.010 Dimensions in INCH	DWN.	Yuan	Mar-19-14
	CHK.	YK Liao	Mar-19-14
SHEET 1 OF 1	APP.	BSJ	Mar-19-14