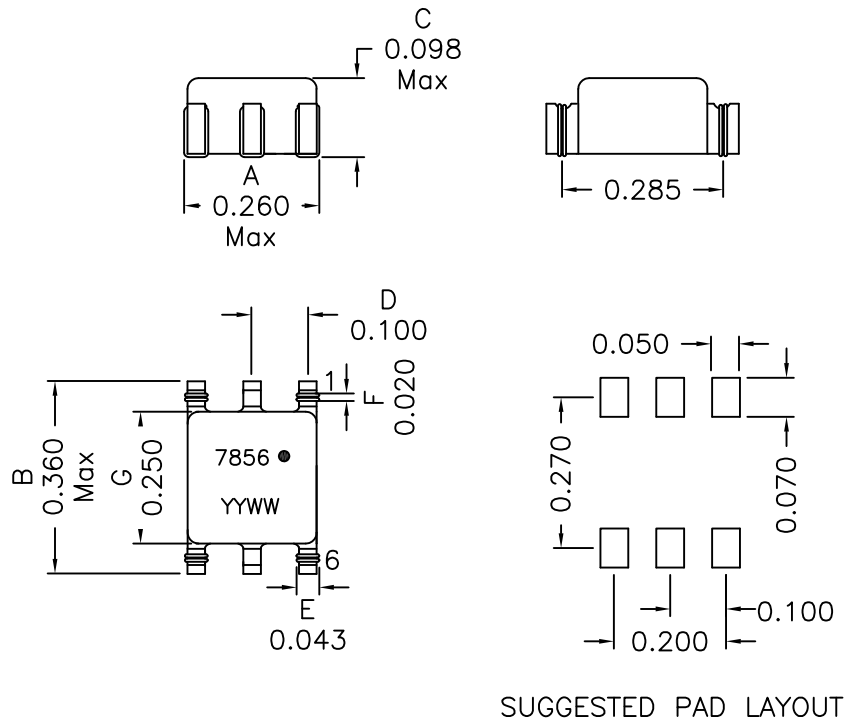
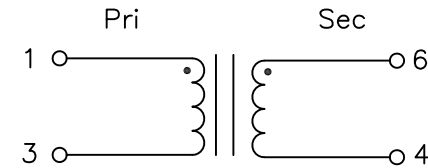


1. Mechanical Dimensions:



SUGGESTED PAD LAYOUT

2. Schematic:



3. Electrical Specifications: @25°C

OCL: Pins 1-3 785uH Min @10KHz 0.1V

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

Leakage Inductance: 1-3, 0.500uH Max
@100KHz 0.1V (Tie 6-4)

DCR: Pins 1-3 0.520 Ohms Max

DCR: Pins 6-4 0.520 Ohms Max

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

Volts-Seconds: 9.7V*uSec Max

Isolation Voltage: 1500Vac, Wdg to Wdg

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

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XFMRs Inc www.XFMRs.com	Title: Gate Drive Transformer		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XF7856-GD11	REV. A
	DWN.	Yuan	Jan-09-13
	CHK.	YK Liao	Jan-09-13
SHEET 1 OF 1	APP.	BSJ	Jan-09-13