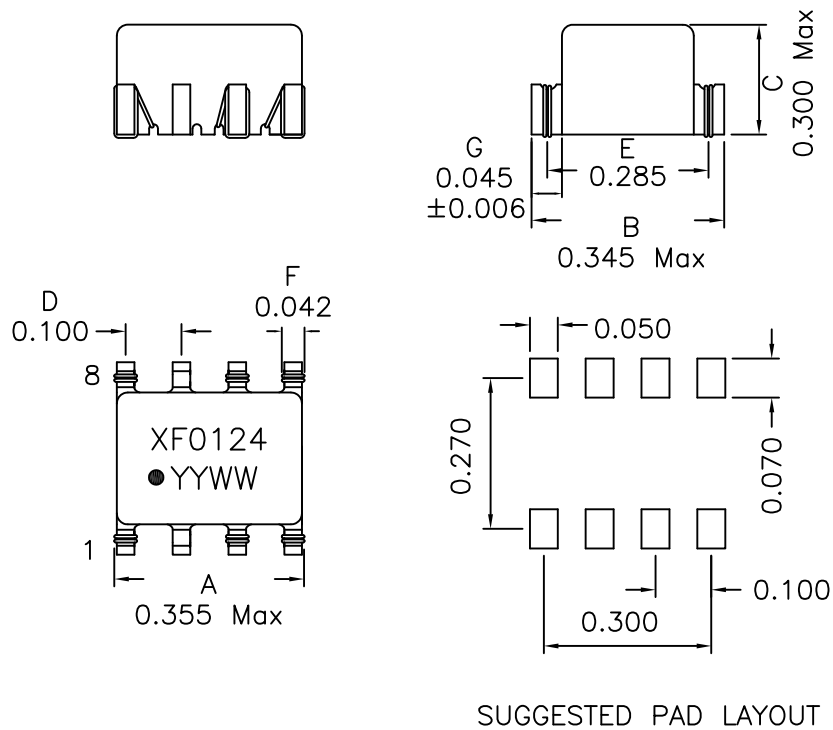


1. Mechanical Dimensions:

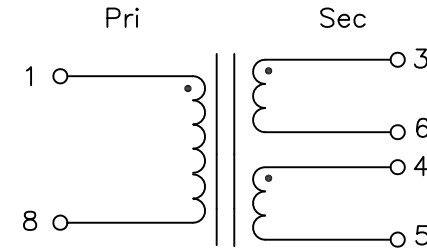


SUGGESTED PAD LAYOUT

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 +130°C
6. Storage Temperature Range: -55°C to +135°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: $\pm 0.004^{\circ}$ (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

2. Schematic:



3. Electrical Specifications:

OCL: Pins 1-8 1200uH Min @50KHz, 0.1V

Q: Pins 1-8 8 Min @10KHz, 50mV

LL: Pins 1-8 0.6uH Max @100KHz, 0.1V (short all else)

DCR: Pins 1-8 0.910 Ohms Max

Pins 3-6 0.460 Ohms Max

Pins 4-5 0.460 Ohms Max

Turn Ratio: (1-8):(3-6):(4-5) = 2:1:1

ET Const: 27.2V/uS

Isolation Voltage: 1500VAC, PRI TO SEC

DOC REV B/4

XFMRs Inc. www.XFMRS.com	Title: Gate Drive Transformer		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XF0124-GD12	REV. B
SHEET 1 OF 1	DWN.	Yuan	Mar-10-16
	CHK.	YK Liao	Mar-10-16
	APP.	DDC	Mar-10-16

PROPRIETARY

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