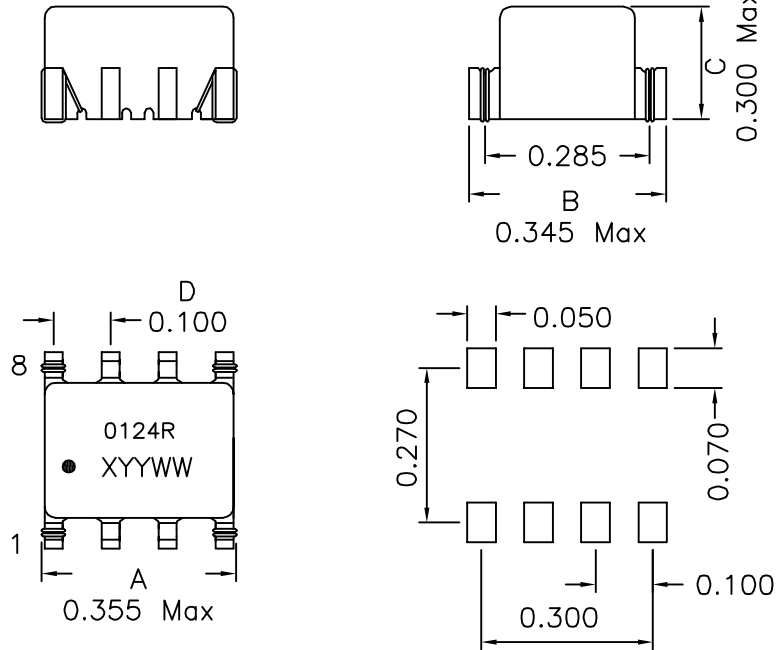
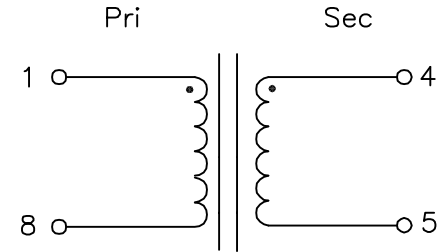


### 1. Mechanical Dimensions:



SUGGESTED PAD LAYOUT

### 2. Schematic:



### 3. Electrical Specifications: @25°C

- OCL: Pins 1-8 1200uH Min @50KHz, 0.1V
- Q: Pins 1-8 8 Min @10KHz, 0.1V
- LL: Pins 1-8 0.500uH Max @100KHz, 0.1V (tie 4+5)
- DCR: Pins 1-8 0.910 Ohms Max.
- Pins 4-5 0.910 Ohms Max.
- Turns Ratio: (1-8):(4-5) = 1:1
- ET Const: 27.2V/uS
- Isolation Voltage: 3500VAC, 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 +130°C
6. Storage Temperature Range: -55°C to +135°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 UL60950 for Reinforced Insulation, with 6mm Creepage.

DOC REV A/3

<b>XFMRs Inc.</b> www.XFMRs.com	Title: Gate Drive Transformer			
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010	P/N: XF0124R-GD12	REV. A	
Dimensions in INCH	DWN.	Mei Chen	May-02-18	
SHEET 1 OF 1	CHK.	YK Liao	May-02-18	
	APP.	Joe Huff	May-02-18	