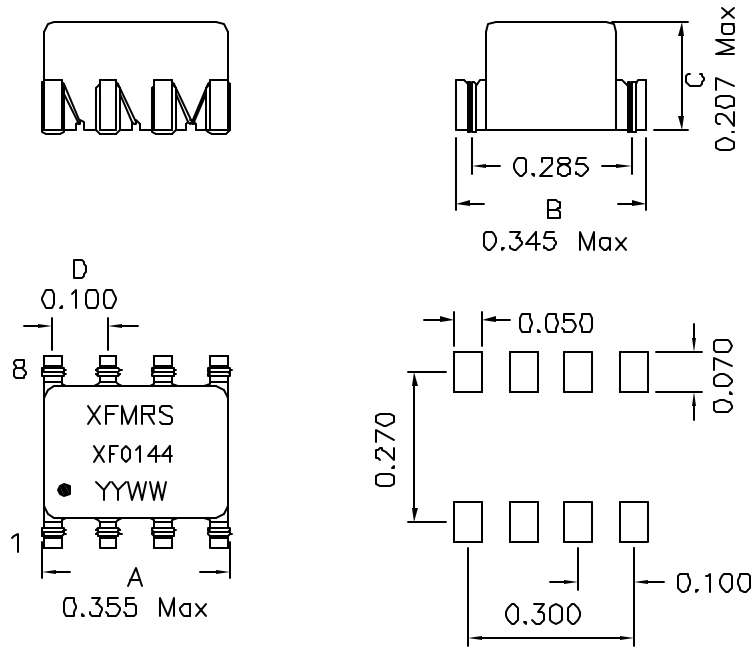
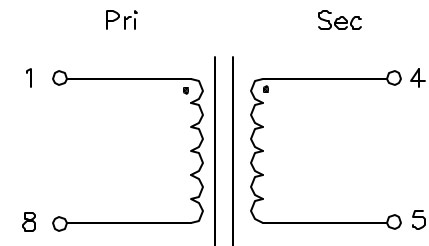


## 1. Mechanical Dimensions:



SUGGESTED PAD LAYOUT

## 2. Schematic:



## 3. Electrical Specifications:

PRI OCL: 1400uH Min @10KHz, 0.1V

LL: Pins 1-8 0.50uH Max, @100KHz, 0.1V (Short SEC)

PRI DCR: 1.50 Ohms Max.

SEC DCR: 1.50 Ohms Max.

Turn Ratio: (PRI:SEC) 1:1

Isolation Volatage: 1500Vdc, PRI TO SEC

### Notes:

1. Solderability: Leads shall meet MIL-STD-202, Method 208D 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:  $\pm 0.004^{\circ}$  (0.102mm)
9. Moisture Sensitivity: Level 2
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component

DOC REV A/1

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<b>XFMR5 Inc</b> www.XFMR5.com		Title: Gate Drive Transformer	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx $\pm 0.010$ Dimensions in INCH	P/N: XF0144-GD10		REV. A
	DWN.	廖玉坤	Oct-18-04
	CHK.	李清儿	Oct-18-04
SHEET 1 OF 1	APP.	J Ng	Oct-18-04