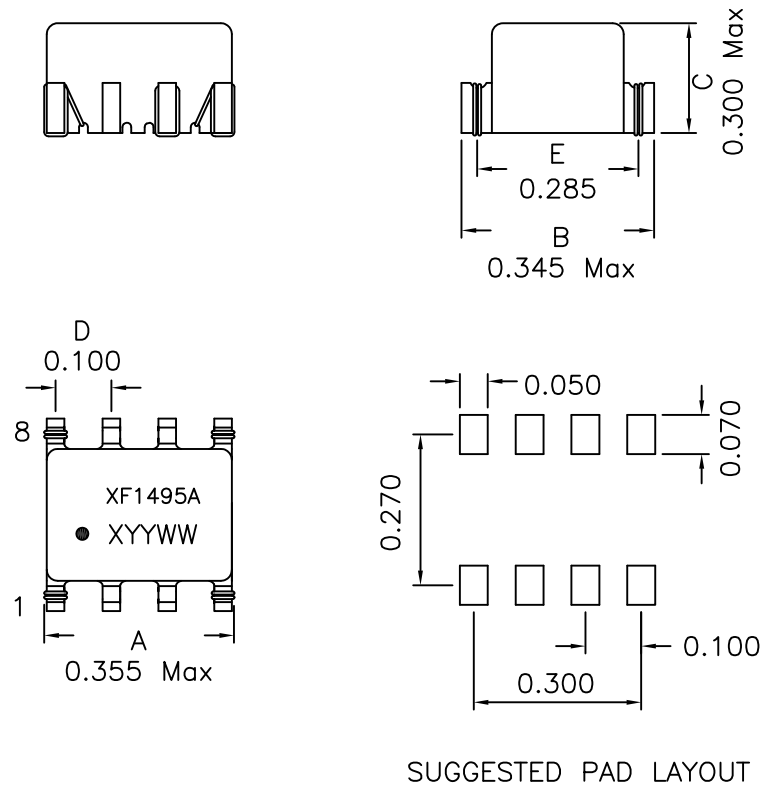


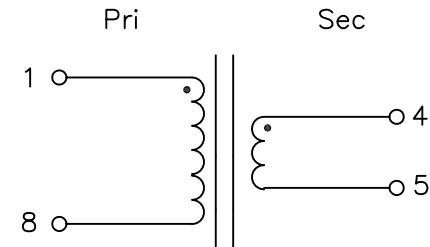
## 1. Mechanical Dimensions:



### 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 -30°C to +130°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
11. Designed to meet Basic Insulation requirements with 1.4mm Creepage and Clearance between Pri and Sec

## 2. Schematic:



## 3. Electrical Specifications:

Pri. Inductance: 1490uH Min @10KHz, 0.1V  
 Pri. Q: TBD Min @10KHz, 50mV  
 Leakage Inductance: 1-8, 0.800uH Max  
 @100KHz, 0.1V (tie 4,5)  
 DCR: 1-8, 1.15 Ohms Max.  
 4-5, 1.15 Ohms Max.  
 Turn Ratio: (1-8:4-5) = 1:1  
 Isolation Voltage: 1500VAC, PRI TO SEC  
 V-uS: 55.5 Max

DOC REV A/1

|                                    |  |                   |           |
|------------------------------------|--|-------------------|-----------|
| <b>XFMRs Inc.</b><br>www.XFMRS.com | Title: Gate Drive Transformer  |                   |           |
|                                    | UNLESS OTHERWISE SPECIFIED TOLERANCES:<br>.xxx $\pm 0.010$<br>Dimensions in INCH | P/N: XF1495A-GD14 | REV. A    |
| SHEET 1 OF 1                       | DWN.   | Feng              | Apr-24-13 |
|                                    | CHK.   | YK Liao           | Apr-24-13 |
|                                    | APP.   | BW                | Apr-24-13 |