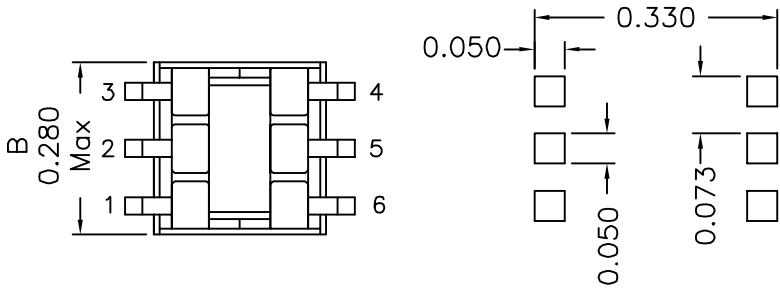
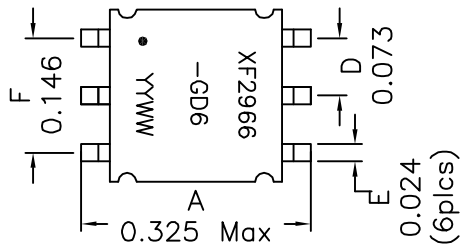
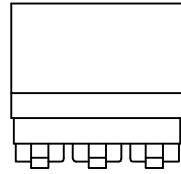
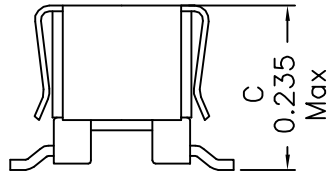


1. Mechanical Dimensions:

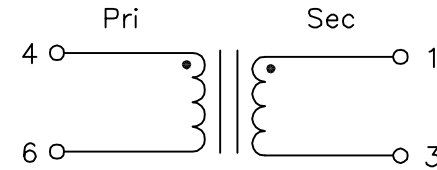


SUGGESTED PCB LAYOUT

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: -40°C to +125°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: 0.004"(0.102mm) Max
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Recommended IR Reflow peak temp of 250°C Max.

2. Schematic:



3. Electrical Specifications:

PRI OCL 296uH Min @100KHz, 1.0V
 PRI Q: 25 Min @100KHz, 0.1V
 PRI LL: 2.5uH Max @100KHz 0.1V Sec Shorted
 Cw/w Pri to Sec: 14.0pF Max @100KHz 0.1V
 Pri DC Res: 0.795 Ohms Max
 Sec DC Res: 0.655 Ohms Max
 Hipot: 1500Vdc Pri to Sec
 Turns Ratio: Pins (4-6):(1-3)=1:1±2%
 SRF: 800KHz Min Pin4-3 (Shorted 6+1)
 Volt-Time Product: 25.8V-uS

DOC. REV A/2

XFMRs Inc www.XFMRS.com		Title: DC/DC SURFACE MOUNT GATE DRIVE TRANSFORMER	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in inch SHT 1 OF 1	P/N: XF2966-GD6	REV. A	
	DWN.	Xianyi	Mar-16-18
	CHK.	YK Liao	Mar-16-18
	APP.	BW	Mar-16-18

PROPRIETARY

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