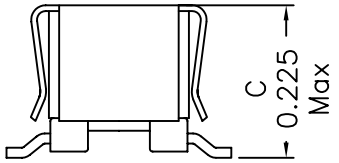
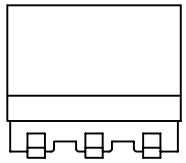
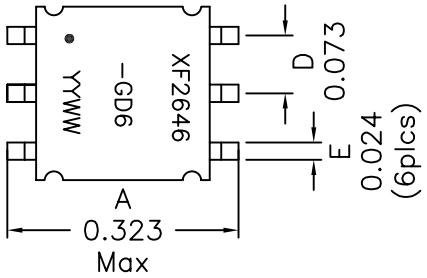
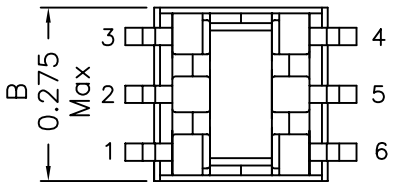
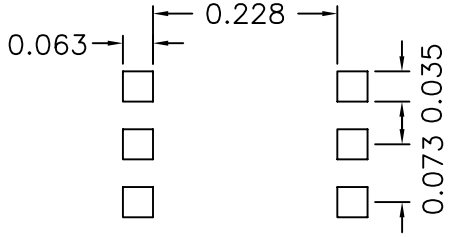
1. Mechanical Dimensions:





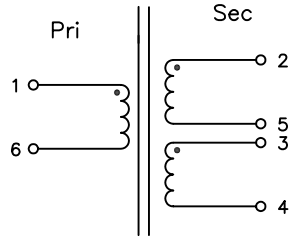






SUGGESTED PCB LAYOUT

2. Schematic:



3. Electrical Specifications: @25C

OCL: Pins 1−6 264uH Min @100KHz,0.1V

Q: Pins 1−6 40 Min @100KHz 0.1V

LL: Pins 1−6 0.3uH Max @100KHz 0.1V Short all else

Cw/w: Pins 1−2 95pF Max @100KHz 0.1V Tie Pin5+3

DCR: Pins 1−6 1.50 Ohms Max
Pins 2−5 1.50 Ohms Max
Pins 3−4 1.50 Ohms Max

Turns Ratio: (1−6):(2−5):(3−4)=1:1:1±2%

Hipot: 1500Vdc 2mA Pri to Sec
300Vdc Sec 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 +125°C
6. Storage Temperature Range: −55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC. REV B/5

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XFMRS Inc www.XFMRS.com	Title: DC/DC SURFACE MOUNT GATE DRIVE TRANSFORMER		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in inch	P/N: XF2646−GD6		REV. B
	DWN.	Xianyi	Jul−09−09
	CHK.	YK Liao	Jul−09−09
Scale 1.5:1 SHT 1 OF 1	APP.	BW	Jul−09−09