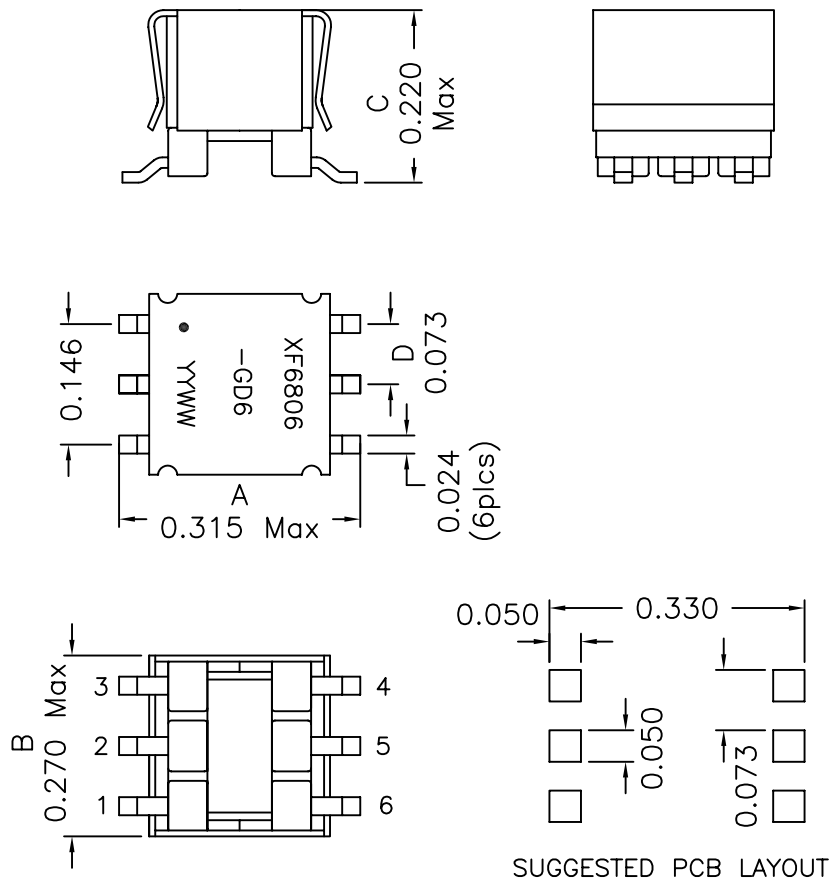
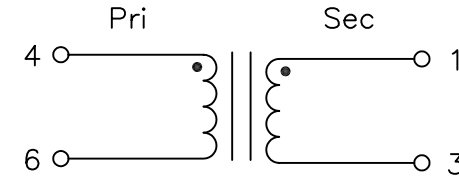


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications:

PRI OCL 680uH Min @100KHz, 1.0V
 PRI Q: 40 Min @100KHz, 0.1V
 PRI LL: 4.0uH Max @100KHz 0.1V Sec Shorted
 Cw/w Pri to Sec: 14.0pF Max @100KHz 0.1V
 Pri DC Res: 1.65 Ohms Max
 Sec DC Res: 0.860 Ohms Max
 Hipot: 1500Vdc Pri to Sec
 Turns Ratio: Pins (4-6):(1-3)=1.5:1
 SRF: 1.00MHz Min Pin4-3 (Shorted 6+1)
 Volt-Time Product: 40.8V-uS

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 +85°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 A/3

XFMRs Inc www.XFMRs.com	Title: DC/DC SURFACE MOUNT GATE DRIVE TRANSFORMER		
	UNLESS OTHERWISE SPECIFIED	P/N: XF6806-GD6	REV. A
TOLERANCES: .xxx ±0.010 Dimensions in inch	DWN.	Xianyi	Nov-24-09
	CHK.	YK Liao	Nov-24-09
SHT 1 OF 1	APP.	BW	Nov-24-09