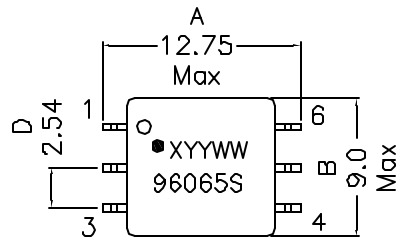
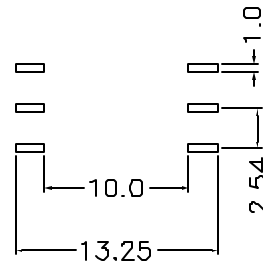
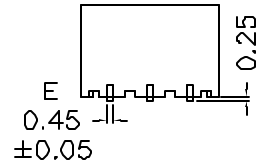
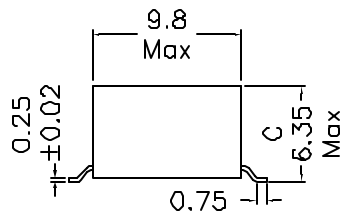


1. Mechanical Dimensions:

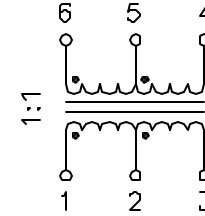


Top View



SUGGESTED PCB LAYOUT

2. Schematic:



3. Electrical Specifications: @25°C

OCL: Pins 1-3 960uH Typ @100KHz 100mV

Q: Pins 1-3 8 Min @10KHz 50mV

LL: Pins 1-3 TBDuH Max @100KHz 100mV (Short 4+5+6)

Cw/w: Pins 1-6 TBDpF Max @100KHz 100mV

DCR: Pins 1-3, 6-4 0.80 Ohms Max (each)

ET Constant V-us: 18 Min

Turns Ratio.: (1-3):(6-4) = 1:1±2%

Isolation: 3000Vac, Wdg to Wdg

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 E151558
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
11. Designed to meet UL60950 for Reinforced Insulation.

DOC REV: A/-

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XFMRs Inc www.XFMRs.com	Title: 6 Pin, 3kVrms DC/DC Converter Isolation Modules		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM SHEET 1 OF 1	P/N: XF9606-5S1R		REV. A
	DWN.	Mei Chen	Aug-30-10
	CHK.	YK Liao	Aug-30-10
	APP.	Joe Huff	Aug-30-10