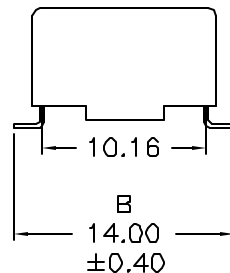
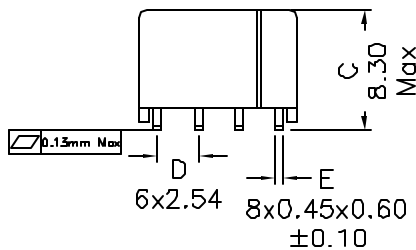
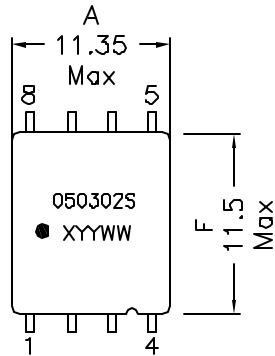


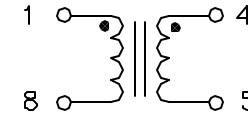
1. Mechanical Dimensions:



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 -40°C to +125°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: $\pm 0.004"$ (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Bifilar wound

2. Schematic:



3. Electrical Specifications: @25°C

OCL: 50mH-30/+50% @10KHz 0.10V, Each Wdg

OCL: 15mH-115mH @10KHz 0.10V (-40°C to 125°C)

Q: 5 Min @10KHz 0.10V, Each Wdg

LL: Pins 1-8 1.7uH Typ @10KHz 0.10V (short 4-5)

Rated Current: 100mA rms

Rated Voltage: 42Vac (50/60Hz) / 80Vdc

DCR: 2.6 Ohms Typical, Each Wdg

Turns Ratio: 1:1 \pm 2%

Isolation: 750Vdc Wdg to Wdg for 2 Seconds

DOC. REV A/3

PROPRIETARY

Document is the property of XFMRS Group & is not allowed to be duplicated without authorization.

XFMRS Inc www.XFMRS.com		Title: COMMON MODE CHOKE	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx \pm 0.25 Dimensions in MM	P/N: XF0503-02S		REV. A
	DWN.	Mei Chen	Nov-15-11
	CHK.	YK Liao	Nov-15-11
SHEET 1 OF 1	APP.	Joe Huff	Nov-15-11