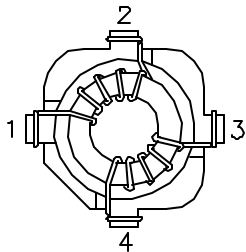
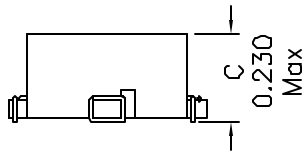
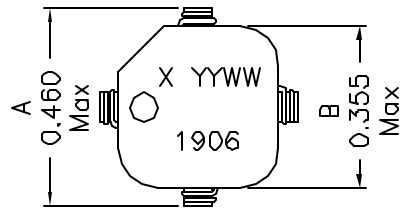
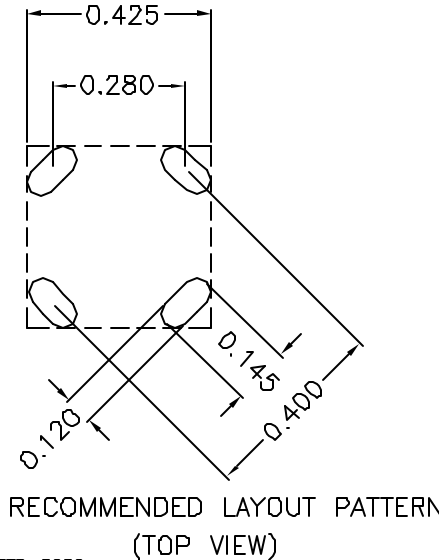


## 1. Mechanical Dimensions:



BOTTOM VIEW

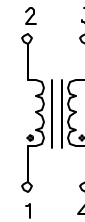


RECOMMENDED LAYOUT PATTERN  
(TOP VIEW)

**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. All listed parameters are to be within tolerance from -40°C to +160°C unless otherwise noted
6. Storage Temperature Range: -40°C to +150°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity:  $\pm 0.004^{\circ}$  (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. 260C reflow compatible

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: 160uH Min @100KHz, 0.1V Each Wdg (0°C to +160°C)

110uH Min @100KHz, 0.1V Each Wdg (-40°C to 0°C)

Q: Pins 1-2 15 Min @100KHz, 0.1V

LL: Pins 1-2 1.25uH Typ @100KHz, 0.1V (short 4-3)

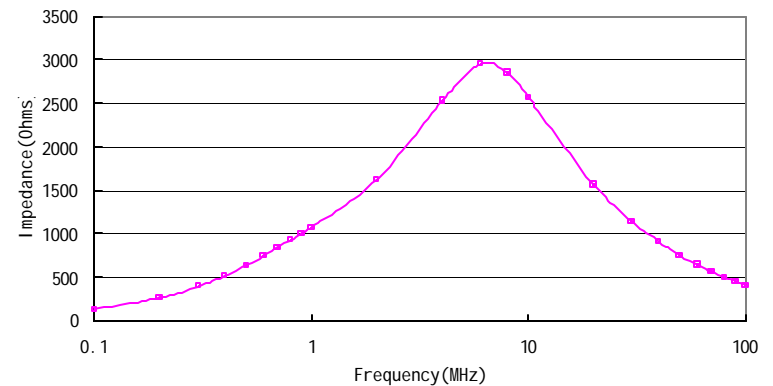
Cw/w: Pins 1-4 3.1pF Typ @100KHz, 0.1V

Current Rating: 2.30Arms

DC Res.: 0.029 Ohms Typ Each Wdg

Turns Ratio: Pins (1-2):(4-3)=1:1

Isolation: 300Vdc Min for 1 Second



DOC. REV: B/2

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<b>XFMRS Inc.</b> www.XFMRS.com	Title: <b>Common Mode Choke</b>	
	P/N: 6XF1906-CMC	REV. B
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx $\pm 0.010$	DWN.	Mei Chen
	CHK.	YK Liao
Dimensions in Inch	APP.	Joe Huff
SHEET 1 OF 1	Oct-19-10	Oct-19-10