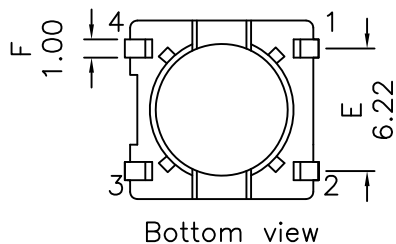
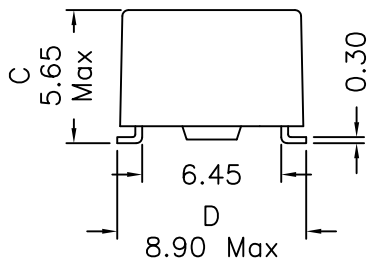
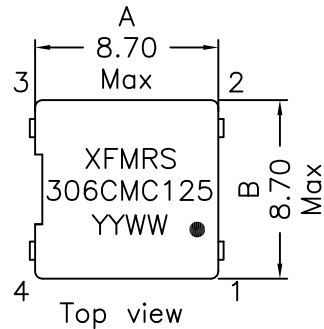


## 1. Mechanical Dimensions:

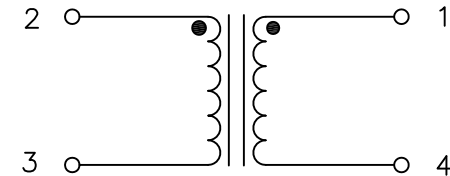


### Notes:

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:  $\pm 0.004'' (0.102\text{mm})$
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC REV: A/-

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: 30.0uH Typ @100KHz, 0.1mA each wdgs  
 Q: tbd Min @100KHz, 0.1mA each wdgs  
 LL: Pins 2-3 tbd uH Max @100KHz, 0.1V (short 1+4)  
 DCR: 0.060 Ohms Max each wdgs  
 Turns Ratio: (2-3):(1-4) = 1.000:1.000 $\pm 2\%$   
 Isolation: 500Vac, Wdg to Wdg  
 Impedance: 2200 Ohms  $\pm 25\%$  100MHz  
 Rated Current: 1400mA Max (40°C Temp Rise)  
 Rated Voltage: 80V

|                                   |  |                    |           |
|-----------------------------------|--|--------------------|-----------|
| <b>XFMR3 Inc</b><br>www.XFMR3.com | Title: <b>Common Mode Line Filter</b>  |                    |           |
|                                   | UNLESS OTHERWISE SPECIFIED TOLERANCES:<br>.xx $\pm 0.25$<br>Dimensions in MM | P/N: XF0306-CMC125 | REV. A    |
| SHEET 1 OF 1                      | DWN.   | Yuan               | Feb-15-13 |
|                                   | CHK.   | YK Liao            | Feb-15-13 |
|                                   | APP.   | BSJ                | Feb-15-13 |