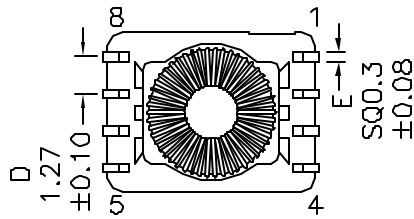
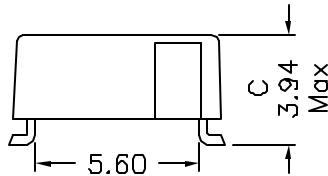
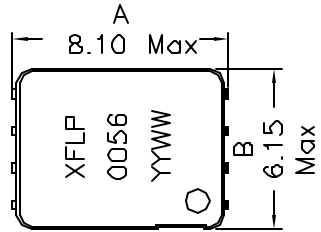


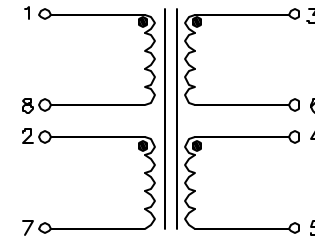
## 1. Mechanical Dimensions:



### 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 +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

## 2. Schematic:



## 3. Electrical Specifications: @25°C

ISOLATION: 500Vdc Wdg-Wdg

OCL: 5uH Min @100KHz 0.1V

Q: 8 Min @10KHz 50mV

DCR: 0.250 Ohms Max

Turns ratio: (1-8):(2-7):(3-6):(4-5)=1:1:1:1±2%

Common Mode Attenuation: -8dB Min @1MHz

-12dB Min @10MHz

-15dB Min @100MHz

-5dB Min @500MHz

DOC. REV: A/2

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XFMRS Inc www.XFMRS.com	Title: Common Mode Chokes			
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM		P/N: XF0056-LPCMC8	REV. A
	DWN.	Xianyi	Feb-24-10	
	CHK.	YK Liao	Feb-24-10	
SHT 1 OF 1	APP.	Joe Huff	Feb-24-10	