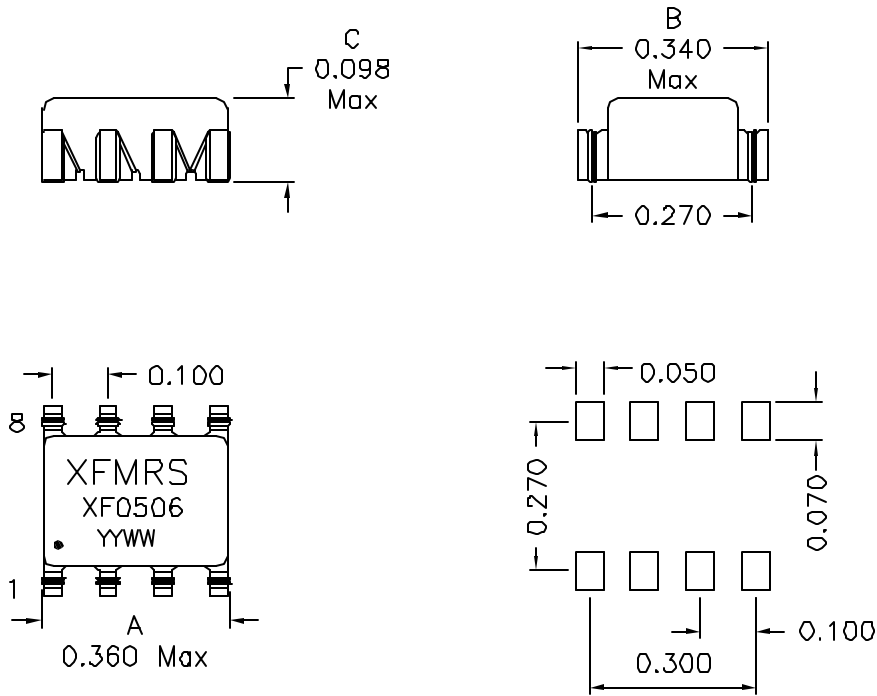


## 1. Mechanical Dimensions:



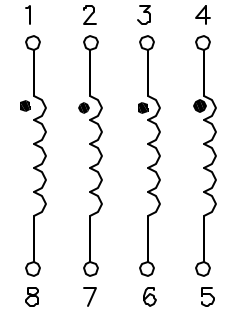
SUGGESTED PAD LAYOUT

**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:  $\pm 0.004$ " (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC REV: A/8

## 2. Schematic:



## 3. Electrical Specifications:

OCL: 47uH Typ @100KHz 0.1V, Each Wdg

DCR: 0.380 Ohms Max, Each Wdg

COMMON MODE ATTN:

3dB Typ @100KHz

19dB Typ @1MHz

32dB Typ @10MHz

36dB Typ @30MHz

35dB Typ @50MHz

29dB Typ @100MHz

12dB Typ @300MHz

6dB Typ @500MHz

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<b>XFMRS Inc</b> www.XFMRS.com	Title: COMMON MODE CHOKE		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx $\pm 0.010$	P/N: XF0506-CMC12	REV. A
Dimensions in INCH	DWN.	Juan Mao	Jun-03-08
SHEET 1 OF 1	CHK.	YK Liao	Jun-03-08
	APP.	Joe Huff	Jun-03-08