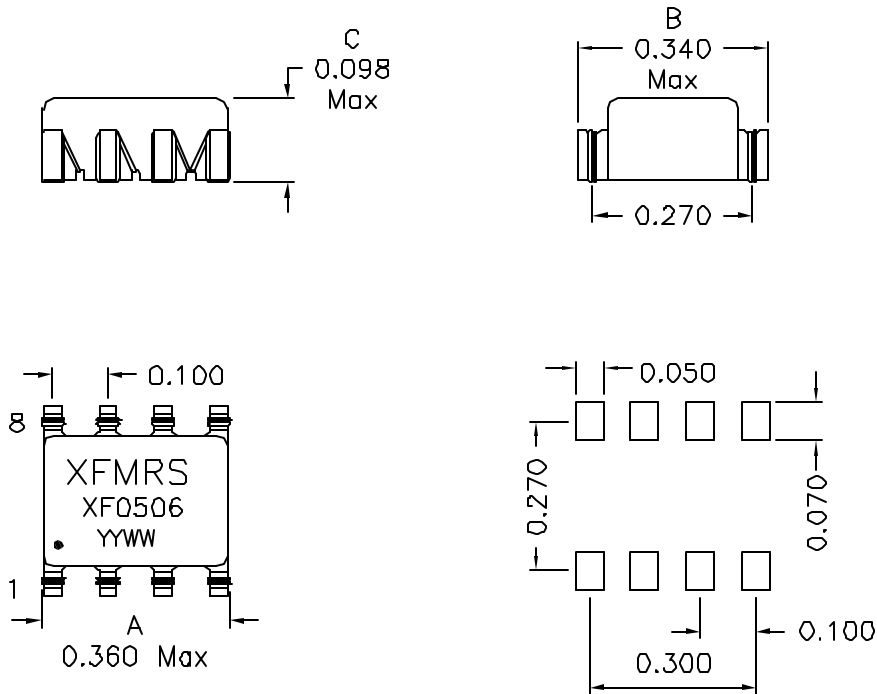


## 1. Mechanical Dimensions:



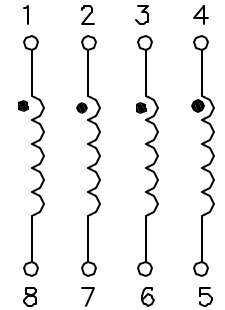
SUGGESTED PAD LAYOUT

**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><br><a href="http://www.XFMRS.com">www.XFMRS.com</a> | Title: COMMON MODE CHOKE                                   |                   |           |
|  | UNLESS OTHERWISE SPECIFIED TOLERANCES:<br>.xxx $\pm 0.010$ | P/N: XF0506-CMC12 |           |
| 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 |