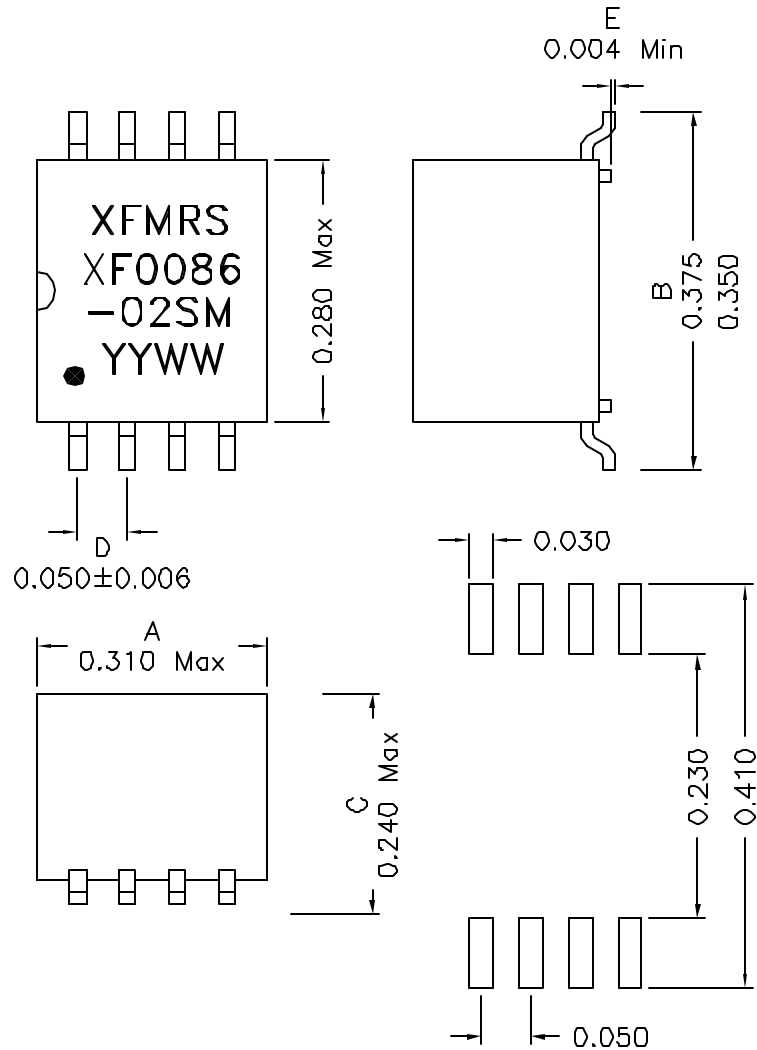
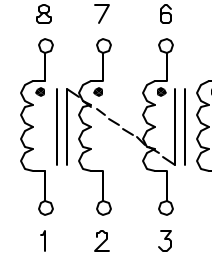


### 1. Mechanical Dimensions:



SUGGESTED PCB LAYOUT

### 2. Schematic:



### 3. Electrical Specifications:

- OCL: 8.0uH Min @100KHz 0.1V, Each Wdg
- DCR: 0.12 Ohms Max, Each Wdg
- Rated Current: 0.5A Max
- Isolation Resistance: 100 MOhms Min @100Vdc
- Impedance: 200 Ohms @20-300MHz

**Notes:**

1. Solderability: Leads shall meet MIL-STD-202, Method 208D 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. Moisture Sensitivity: Level 3
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component
12. Case to be Epoxy Backfilled

DOC REV: A/1

**PROPRIETARY**

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<b>XFMRS Inc</b> www.XFMRS.com		Title: COMMON MODE CHOKE	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch		P/N: XF0086-02SM	REV. A
	DWN.	罗振江	Jan-19-05
	CHK.	廖玉坤	Jan-19-05
SHT 1 OF 1	APP.	J Ng	Jan-19-05