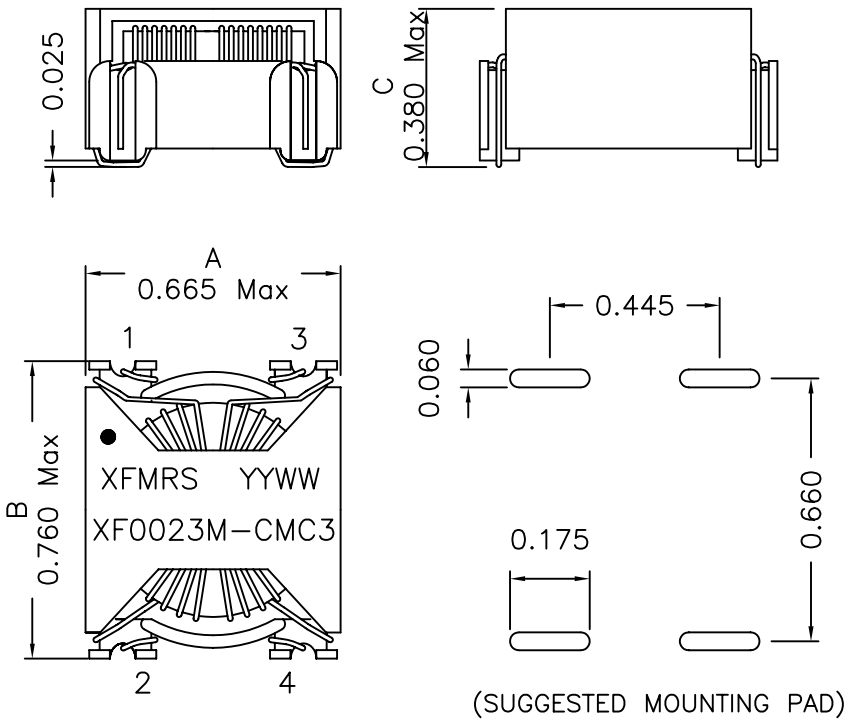
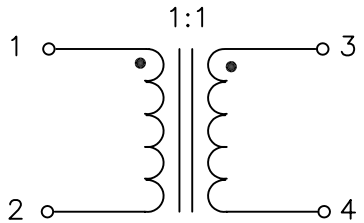
## 1. Mechanical Dimensions:




(SUGGESTED MOUNTING PAD)

## 2. Schematic:




## 3. Electrical Specification:

TURNS RATIO: 1:1

OCL: 1.47mH±35% @10KHz 0.1V

Q: 8.0 Min @10KHz 0.1V

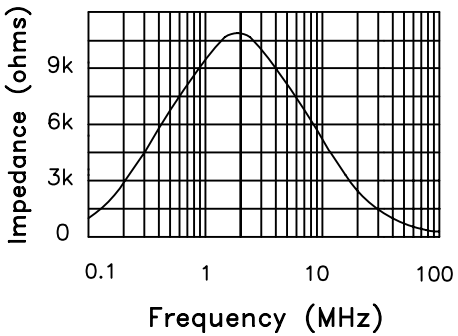
DCR: 0.080 Ohms Max

Rated Current (For 55c Rise): 2.8 A

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 2
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component

## Impedance Curves




DOC. REV A/1

| | | | |
|---|---|---|---|
| XFMRS Inc. www.XFMRS.com | Title: Common Mode Choke | | |
| UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 INCH Dimensions in INCH | P/N: XF0023M-CMC3 | | REV. A |
| | DWN. | 龚玉坤 | Aug-11-10 |
| | CHK. | 李清儿 | Aug-11-10 |
| SHEET 1 OF 1 | APP. | BW | Aug-11-10 |

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