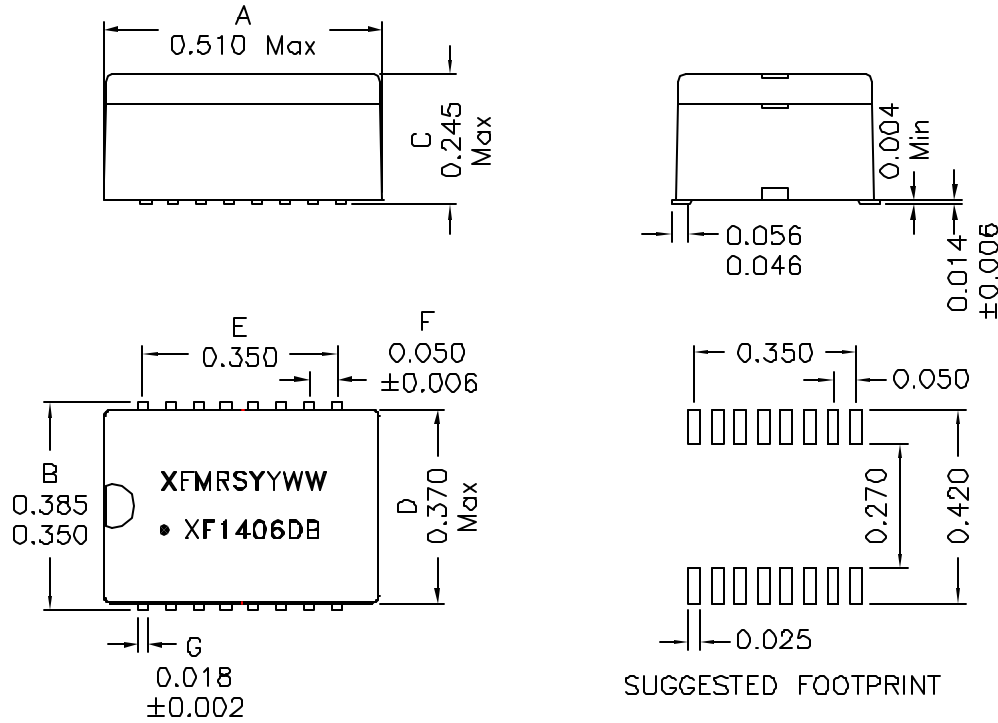


### 1. Mechanical Dimensions:

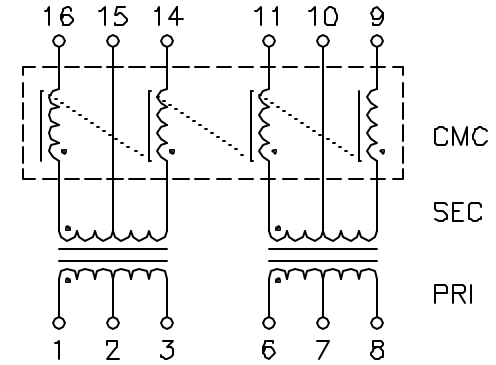


**Notes:**

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

DOC REV: D/1

### 2. Schematic:



### 3. Electrical Specifications:@25°C

- PRI OCL: 140uH Min @100KHz 50mV
- PRI Q: 5 Min @100KHz 50mV
- Cw/w: 15pF Maximum (PRI/SEC) @100KHz 50mV
- PRI LL: 0.40uH Maximum @100KHz 50mV (Short Sec)
- PRI DC Resistance: 0.30 Ohms Maximum
- SEC DC Resistance: 0.70 Ohms Maximum
- Choke OCL: 30uH Typ. @100KHz 50mV
- Turns Ratio: (1-2-3):(16-15-14)=1CT:1CT±2%
- (6-7-8):(11-10-9)=1CT:1.414CT±2%
- Isolation: 1500Vrms

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<b>XFMRs INC</b> www.XFMRs.com	Title: 10 BASE T MAGNETIC MODULE		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010	P/N: XF1406DB	REV. D
	Dimensions in Inch	DWN. Feng	Oct-06-11
	SHEET 1 OF 1	CHK. YK Liao	Oct-06-11
	APP. Joe Huff	Oct-06-11	