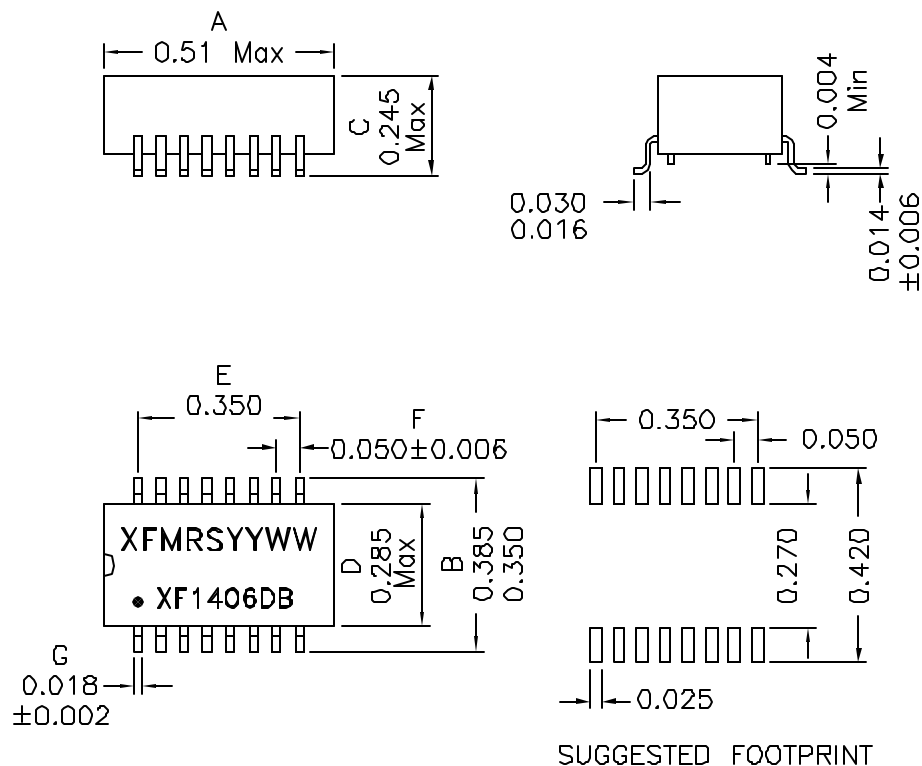


1. Mechanical Dimensions:

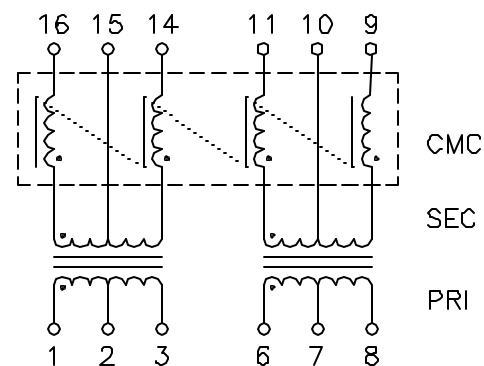


Notes:

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: C/4

2. Schematic:



3. Electrical Specifications: @25°C

Isolation: 1500Vrms

Turns Ratio: Pins (1-2-3):(16-15-14)=1CT:1CT±2%

Turns Ratio: Pins (6-7-8):(11-10-9)=1CT:1.414CT±2%

PRI OCL: 140uH Min @100KHz 50mV

Cw/w: 15pF Maximum (PRI/SEC) @100KHz 50mV

PRI LL: 0.40uH Maximum @100KHz 50mV
@SEC Shorted

PRI DC Resistance: 0.30 Ohms Maximum

SEC DC Resistance: 0.70 Ohms Maximum

Choke OCL: 30uH Typ. @100KHz 50mV

XFMR INC
www.XFMRS.com

Title:
10 BASE T MAGNETIC MODULE

UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xxx ±0.010

P/N: XF1406DB

REV. C

Dimensions in Inch

DWN.

Xian yi

Dec-14-09

SHEET 1 OF 1

CHK.

YK Liao

Dec-14-09

APP.

Joe Huff

Dec-14-09

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