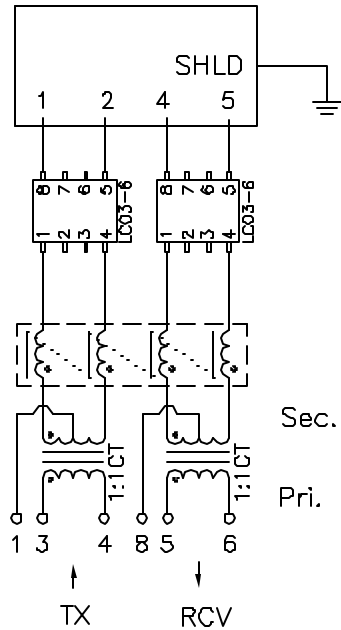


1. Schematic:



2. Electrical Specification: @25°

- Isolation: 1500Vrms 0.5mA 2Sec (Pri to Sec)
- Isolation: 500Vrms 0.5mA 2sec (TX to RCV)
- Turns Ratio: 1:1CT (TX) 1:1±2% (RCV) (Pri:Sec)
- PRI OCL: 1.2mH Min @100KHz 50mV (TX & RCV)
- Cw/w: 35pF Maximum @100KHz 50mV
- PRI LL: 1.0uH Maximum @100KHz 50mV (SEC Shorted)
- CMR CHOKE OCL: 18uH Typical @100KHz 50mV

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 E161556
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. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

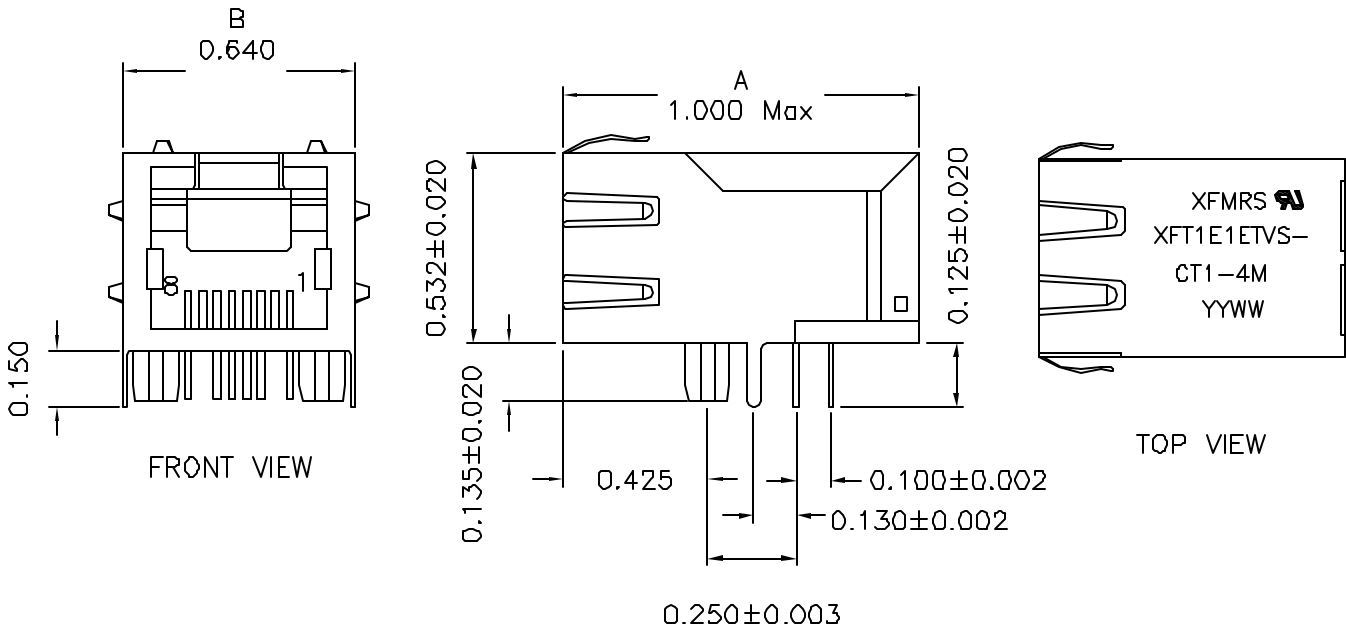
DOC REV: C/1

PROPRIETARY:

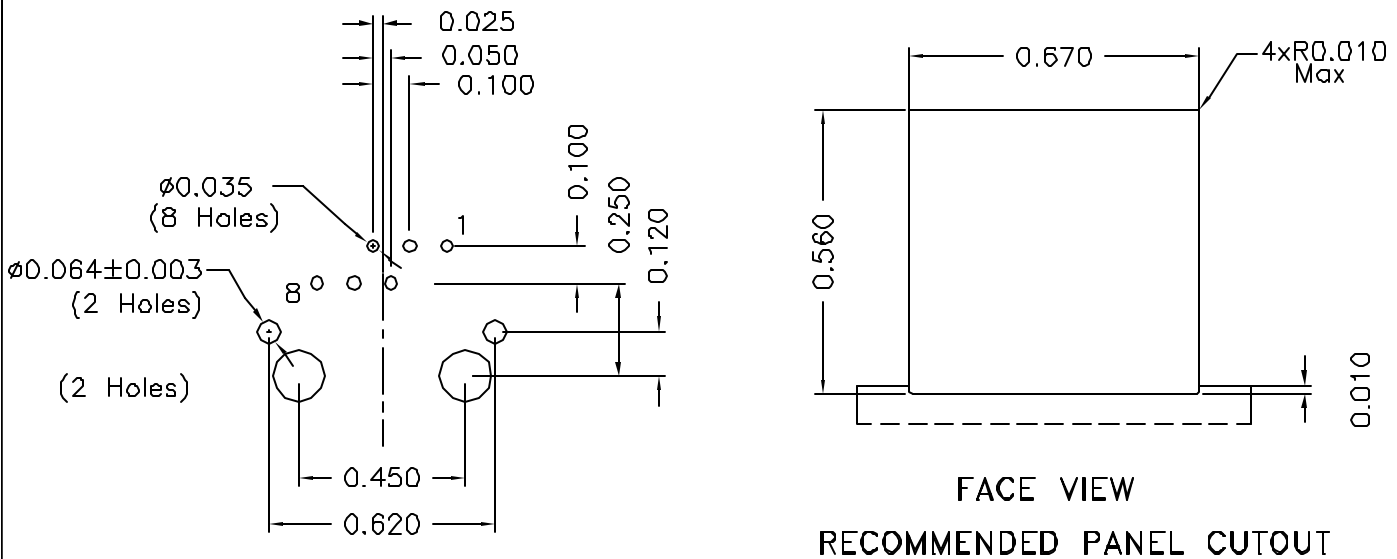
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| | | | |
|--|--|--------------------------|-----------|
| XFMRS Inc. www.XFMRS.com | | Title: SINGLE PORT COMBO | |
| UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch | | P/N: XFT1E1ETVS-CT1-4M | REV. C |
| SHEET 1 OF 2 | | DWN. Juan Mao | Mar-06-08 |
| | | CHK. YK Liao | Mar-06-08 |
| | | APP. BW | Mar-06-08 |

Mechanical Dimensions:



Mounting Pattern: (Viewed from Component Side)



*Remove Pin#2,7

| | | | | |
|------------------------------------|---|------------------------|-----------|--|
| XFMRS Inc. www.XFMRS.com | Title: Mechanical Dimensions For TAB UB RJ45 COMBO | | | |
| | UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ± 0.010 Dimensions in Inch | P/N: XFT1E1ETVS-CT1-4M | REV. C | |
| | DWN. | Juan Mao | Mar-06-08 | |
| | CHK. | YK Liao | Mar-06-08 | |
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| SHEET 2 OF 2 | | | | |

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