

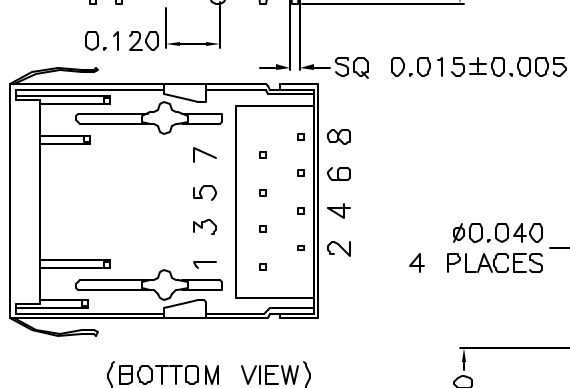
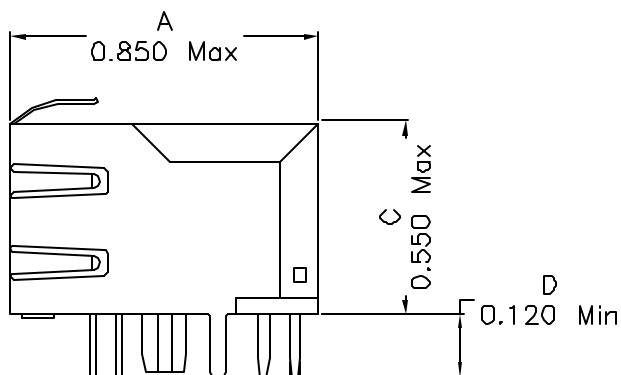
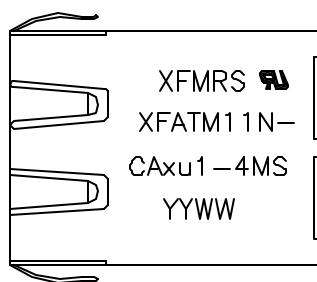
UTP Impedance: 100 OHMS  
 Turns Ratio: TX : 1CT:1CT ( $\pm 3\%$ )    RX : 1CT:1CT ( $\pm 3\%$ )  
 Isolation Voltage: 1500 VAC (Input to Output)  
 UTP Side OCL: 350uH Minimum @100KHz, 100mV 8mADC  
 Insertion Loss (0.3MHz–100MHz): –1.0dB Maximum  
 Return Loss: 1MHz–30MHz    40MHz    50MHz    60MHz–80MHz  
                     –18dB Typ   –16dB Typ   –14dB Typ   –12dB Typ  
 CMRR:    30MHz    60MHz    100MHz  
              –35dB Min   –30dB Min   –25dB Min  
 Crosstalk: 30MHz    60MHz    100MHz  
              –50dB Min   –40dB Min   –35dB Min

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:  $\pm 0.004"$  (0.102mm)
9. Moisture Sensitivity: Level 3
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component

Jan-09-06

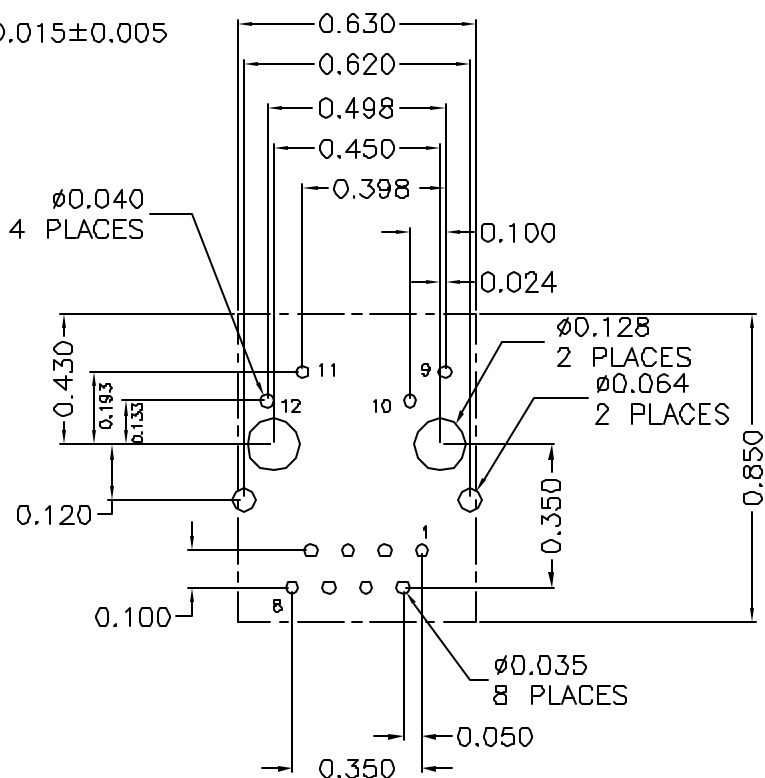
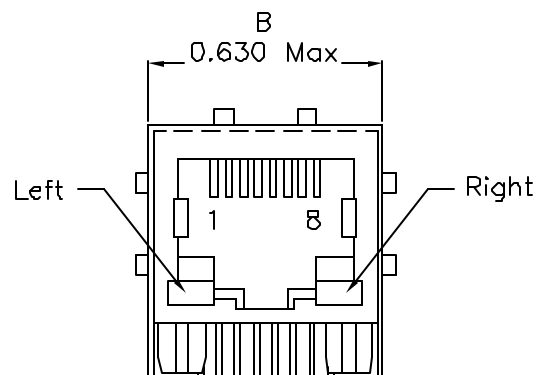
Document is the property of XFMRs Group & is not allowed to be duplicated without authorization.

# Mechanical Dimensions:



## Mounting Pattern:

(COMP SIDE)



|                                                                                |                         |                                                      |           |
|--------------------------------------------------------------------------------|-------------------------|------------------------------------------------------|-----------|
| XFMRS Inc.<br>www.XFMRS.com                                                    |                         | Title: Mechanical Dimensions<br>For CAxu1-4MS Series |           |
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES:<br>.xxx ±0.010<br>Dimensions in Inch | P/N: XFATM11N-CAxu1-4MS |                                                      | REV. A    |
|                                                                                | DWN.                    | Juan Mao                                             | Jan-09-06 |
|                                                                                | CHK.                    | YK Liao                                              | Jan-09-06 |
|                                                                                | APP.                    | MS                                                   | Jan-09-06 |
| SHEET 2 OF 2                                                                   |                         |                                                      |           |

**PROPRIETARY:**

Document is the property of XFMRS Group & is not allowed to be duplicated without authorization.