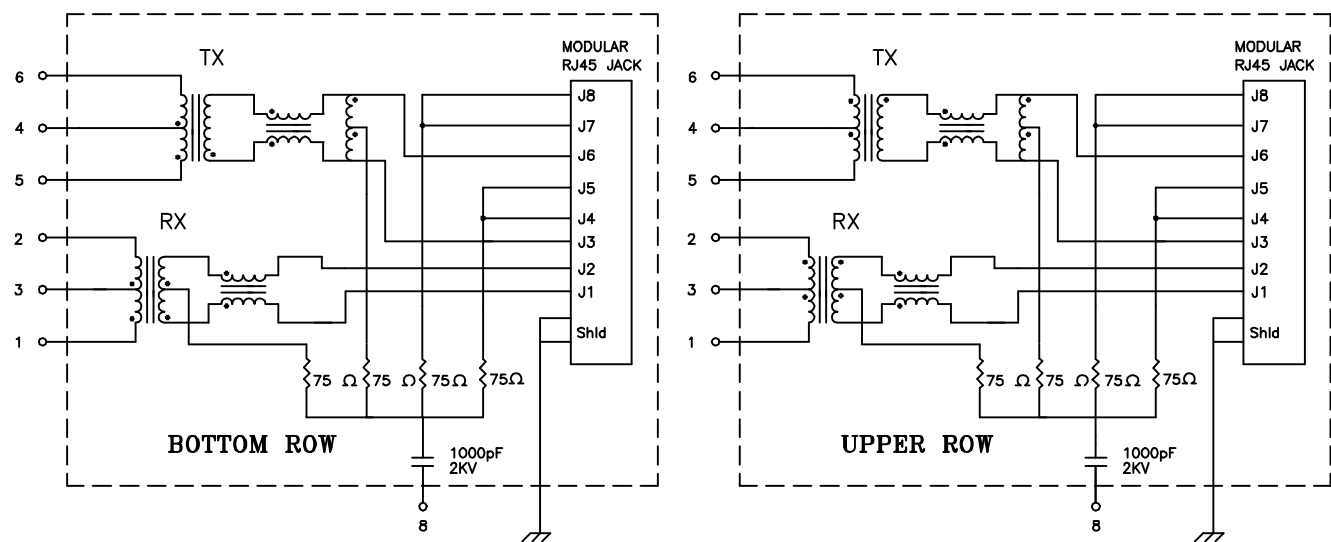


Schematic:



Electrical Specifications: 25°C

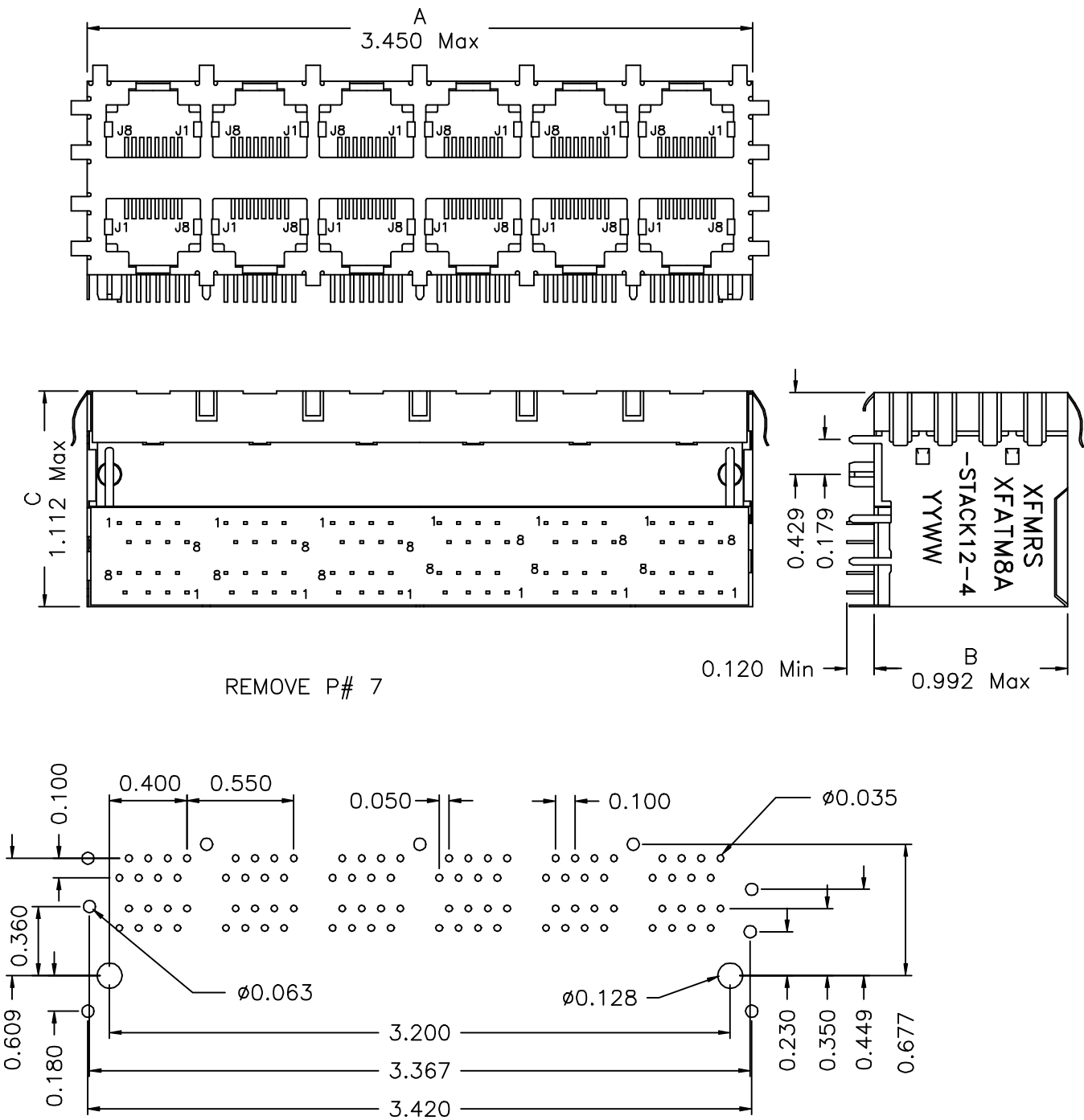
TURNS RATIO: TX 1CT:1CT±3%, RX 1CT:1CT±3%  
 Isolation Voltage: 1500 Vrms (INPUT to OUTPUT)  
 UTP SIDE OCL: 350uH Min @100KHz 100mV 8mADC  
 Rise Time (10–90%): 2.5ns Typical  
 Insertion Loss (1–100MHz): –1.0dB Maximum  
 Insertion Loss (100MHz–125MHz): –1.5dB Typ.  
 Return Loss: –20dB Typ. @30MHz  
                   –12dB Typ @80MHz  
 Crosstalk 32MHz: 40.0dB Min  
                   62MHz: 35.0dB Min  
                   100MHz: 30.0dB Min  
 CMRR 100KHz–100MHz: 35.0dB Typ

Notes:

- 1. Solderability: Leads shall meet MIL–STD–202, Method 208D for solderability.
- 2. Flammability: UL94V–0
- 3. ASTM oxygen index: > 28%
- 4. Temperature rating: 155°C. UL file E151556
- 5. Operating Temperature Range: All listed parameters are to be within tolerance from 0°C to +70°C

|                                                                                                |                                    |          |           |
|------------------------------------------------------------------------------------------------|------------------------------------|----------|-----------|
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES:<br>.xxx ±0.010<br>Dimensions in Inch<br>SHEET 1 OF 2 | Title:<br>2x6 STACKED COMBO SERIES |          |           |
|                                                                                                | P/N: XFATM8A–STACK12–4             |          | REV. A    |
|                                                                                                | DWN.                               | 廖玉坤      | Nov–16–01 |
|                                                                                                | CHK.                               | 李清儿      | Nov–16–01 |
|                                                                                                | APP.                               | Joe Huff | Nov–16–01 |

Mechanical Dimensions:



SUGGESTED MOUNTING PATTERN (COMPONENT SIDE)

DOC. REV. A/2

|                                                                                |      |                                                              |           |
|--------------------------------------------------------------------------------|------|--------------------------------------------------------------|-----------|
| XFMRS Inc.                                                                     |      | Title: Mechanical Dimensions<br>For 2x6 STACKED COMBO Series |           |
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES:<br>.xxx ±0.010<br>Dimensions in Inch | P/N: | XFATM8A—STACK12—4                                            | REV. A    |
|                                                                                | DWN. | 廖玉坤                                                          | Nov—16—01 |
|                                                                                | CHK. | 李清儿                                                          | Nov—16—01 |
|                                                                                | APP. | Joe Huff                                                     | Nov—16—01 |
| SHEET 2 OF 2                                                                   |      |                                                              |           |