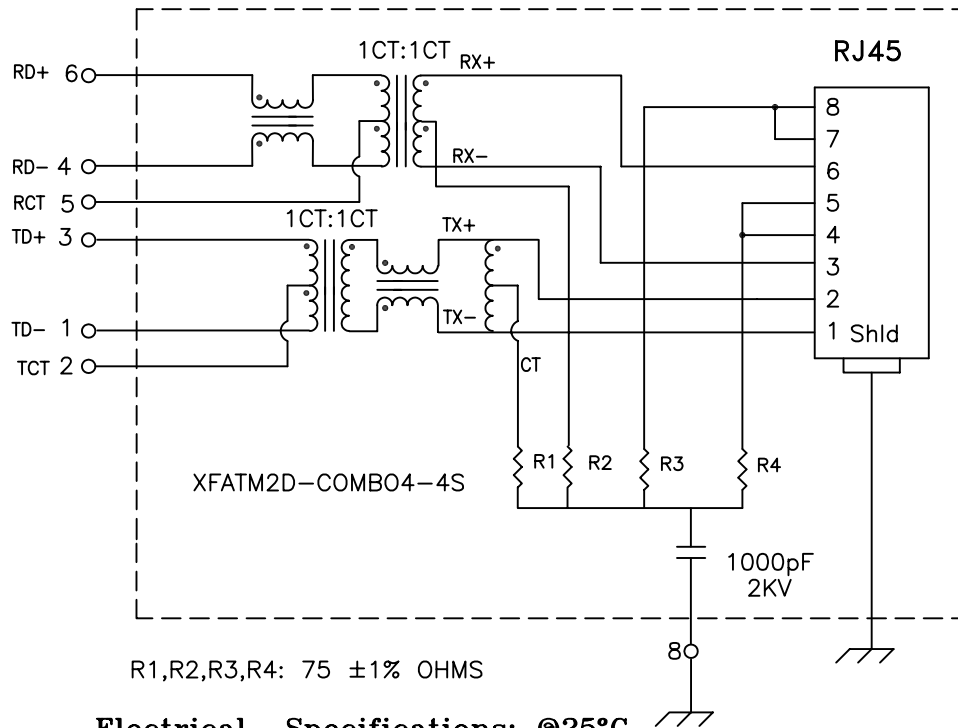


Schematic:

(One of Four)



Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (INPUT to OUTPUT)
 UTP SIDE OCL: 350uH Min @100KHz 100mV 8mADC
 Rise Time (10-90%): 2.5ns Typical
 Insertion Loss (100KHz-100MHz): -1.1dB Maximum
 Insertion Loss (100MHz-125MHz): -1.5dB Maximum
 Return Loss: -20dB Typ @30MHz
 -15dB Typ @80MHz

Crosstalk:

100KHz-60MHz -40dB Typical
 60MHz-100MHz -38dB Typical

Common Mode to Differential Mode Rejection:

100KHz-60MHz -45dB Typ (Tx) / -40dB Typ (Rx)
 60MHz-100MHz -40dB Typ (Tx) / -35dB Typ (Rx)

Notes:

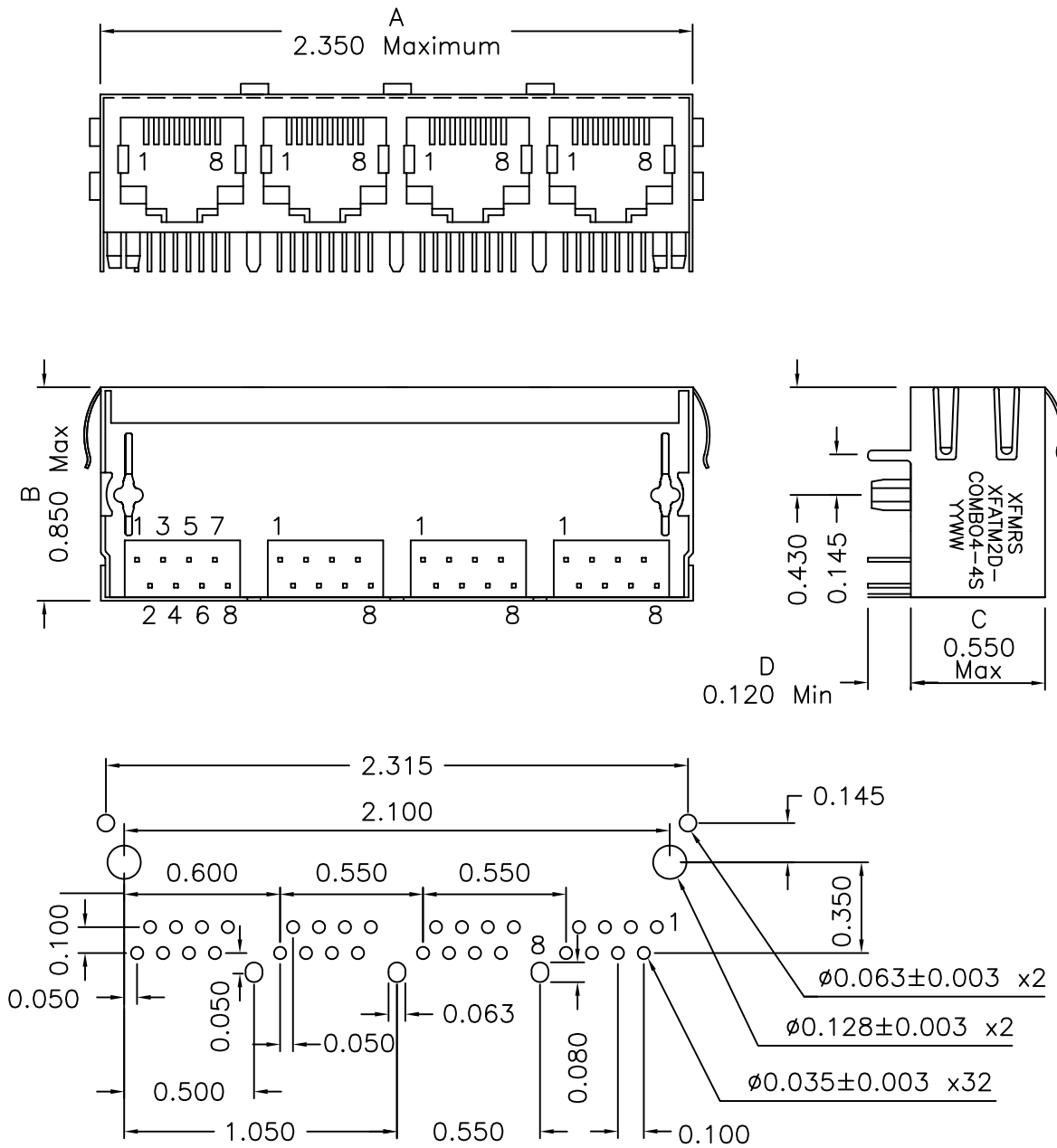
- Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- Operating Temperature Range: All listed parameters are to be within tolerance from 0°C to +70°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible

PRELIMINARY

DOC. REV A/3

XFMRs Inc.	Title: FOUR PORT COMBO		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch SHEET 1 OF 2	XFATM2D-COMBO4-4S		REV. A
	DWN.	刘鹏	Jan-08-03
	CHK.	李小锋	Jan-08-03
	APP.	Isaiah M	Jan-08-03

Mechanical Dimensions: (FOR COMBO4-4S)



SUGGESTED MOUNTING PATTERN

PRELIMINARY

XFMRs Inc.	Title: Mechanical Dimensions For COMBO4-4S Series		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFATM2D-COMBO4-4S	REV. A	
	DWN.	刘鹏	Jan-08-03
SHEET 2 OF 2	CHK.	李小锋	Jan-08-03
	APP.	Isaiah M	Jan-08-03