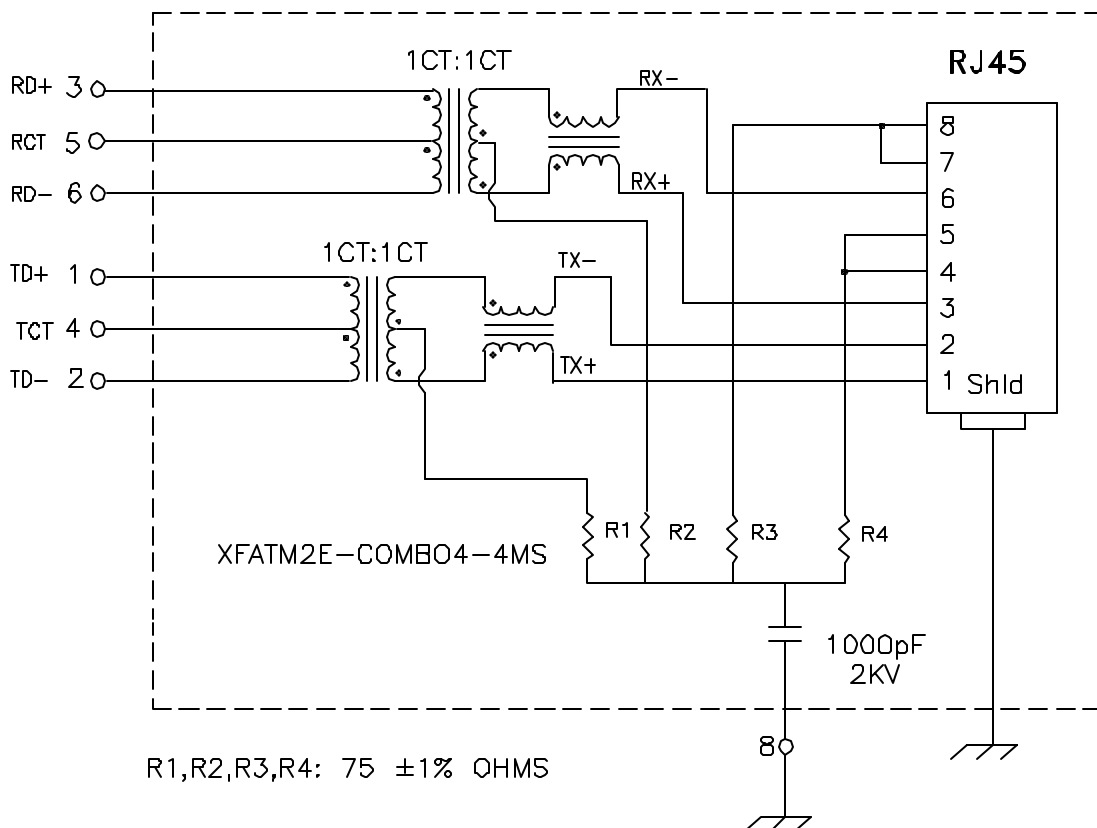


### Schematic:

(One of Four)



R1,R2,R3,R4: 75 ±1% OHMS

### 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: -18dB Typ. @30MHz  
 -12dB 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:

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 E151506
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

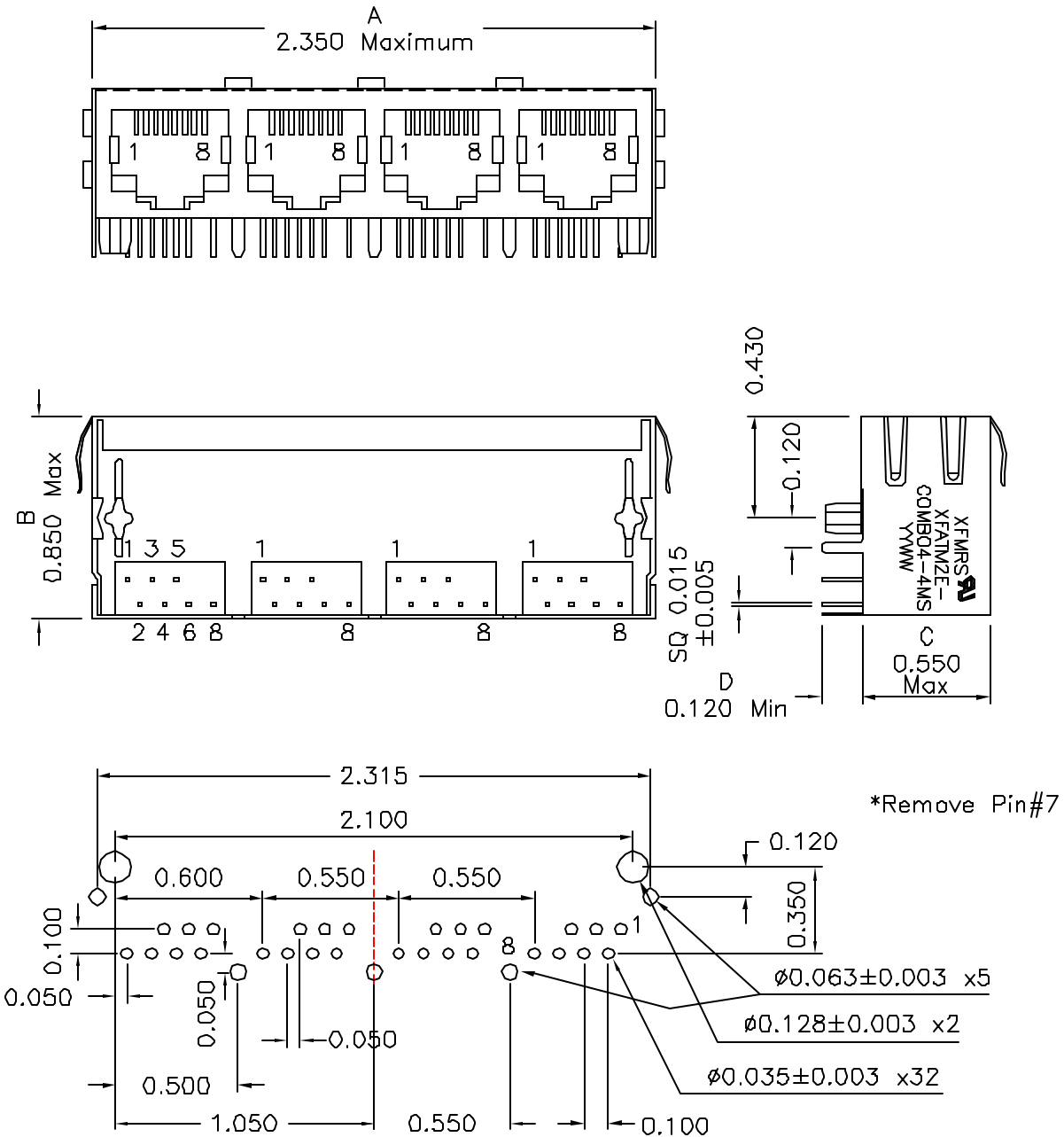
DOC. REV A/5

<b>XFMRs Inc.</b> www.XFMRs.com	Title: <b>FOUR PORT COMBO</b>		
	UNLESS OTHERWISE SPECIFIED TOLERANCES:		P/N: XFATM2E-COMBO4-4MS
.xxx ±0.010	DWN.	Xianyi	Aug-25-09
Dimensions in Inch	CHK.	YK Liao	Aug-25-09
SHEET 1 OF 2	APP.	Joe Huff	Aug-25-09

# PROPRIETARY

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# Mechanical Dimensions: (FOR COMB04-4MS)



SUGGESTED MOUNTING PATTERN

<b>XFMRs Inc.</b> www.XFMRS.com	Title: Mechanical Dimensions For COMB04-4MS Series		
	P/N: XFATM2E-COMB04-4MS		REV. A
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	DWN.	Xianyi	Aug-25-09
SHEET 2 OF 2	CHK.	YK Liao	Aug-25-09
	APP.	Joe Huff	Aug-25-09

DOC. REV: A/5

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