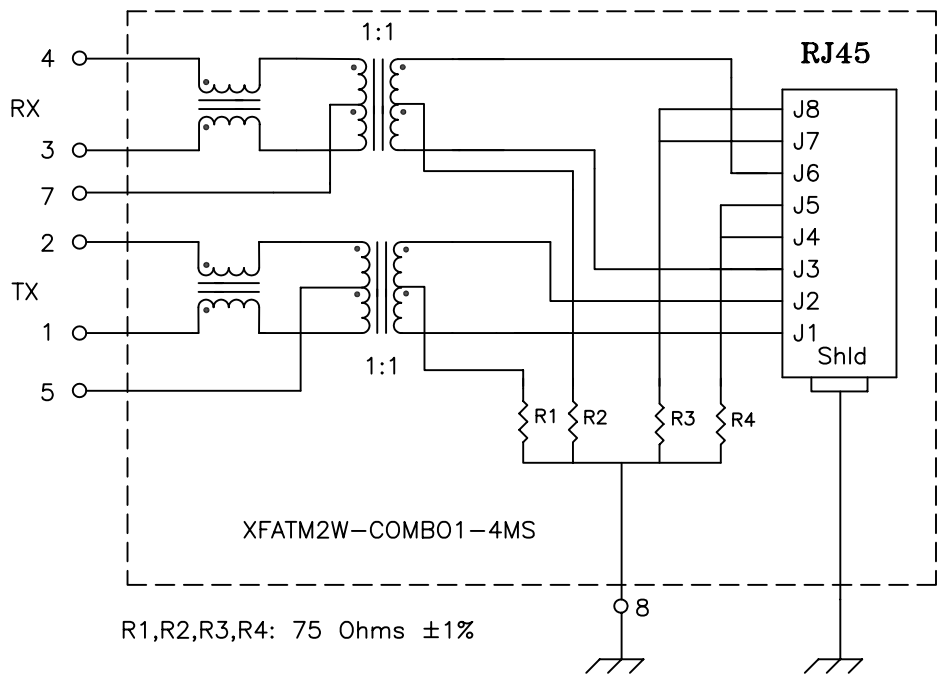


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500Vac
Isolation Voltage: 500Vac (1,2,5 to 3,4,7)
UTP SIDE OCL: 350uH Min @100KHz 0.1V, 8mAdc
LL: P4-P3 0.3uH Max @100KHz 0.1V, Short J6 & J3
LL: P2-P1 0.3uH Max @100KHz 0.1V, Short J2 & J1
CW/W: (P7, P4, & P3) to (J6 & J3) 25pF Typ @100KHz
CW/W: (P5, P2, & P1) to (J2 & J1) 25pF Typ @100KHz
DCR: (J6-J3)=(J2-J1) 1.20 Ohms Max
Rise Time (10-90%): 2.5ns Typ
Insertion Loss: -1.2dB Max @100KHz-100MHz
Return Loss: -18dB Typ @1MHz-30MHz
Return Loss: -12dB Typ @60MHz-80MHz
Crosstalk: 40dB Typ @1MHz-100MHz
Common Mode to Differential Mode Rejection:
-35dB Typ (Tx) / -35dB Typ (Rx) @30MHz-100MHz

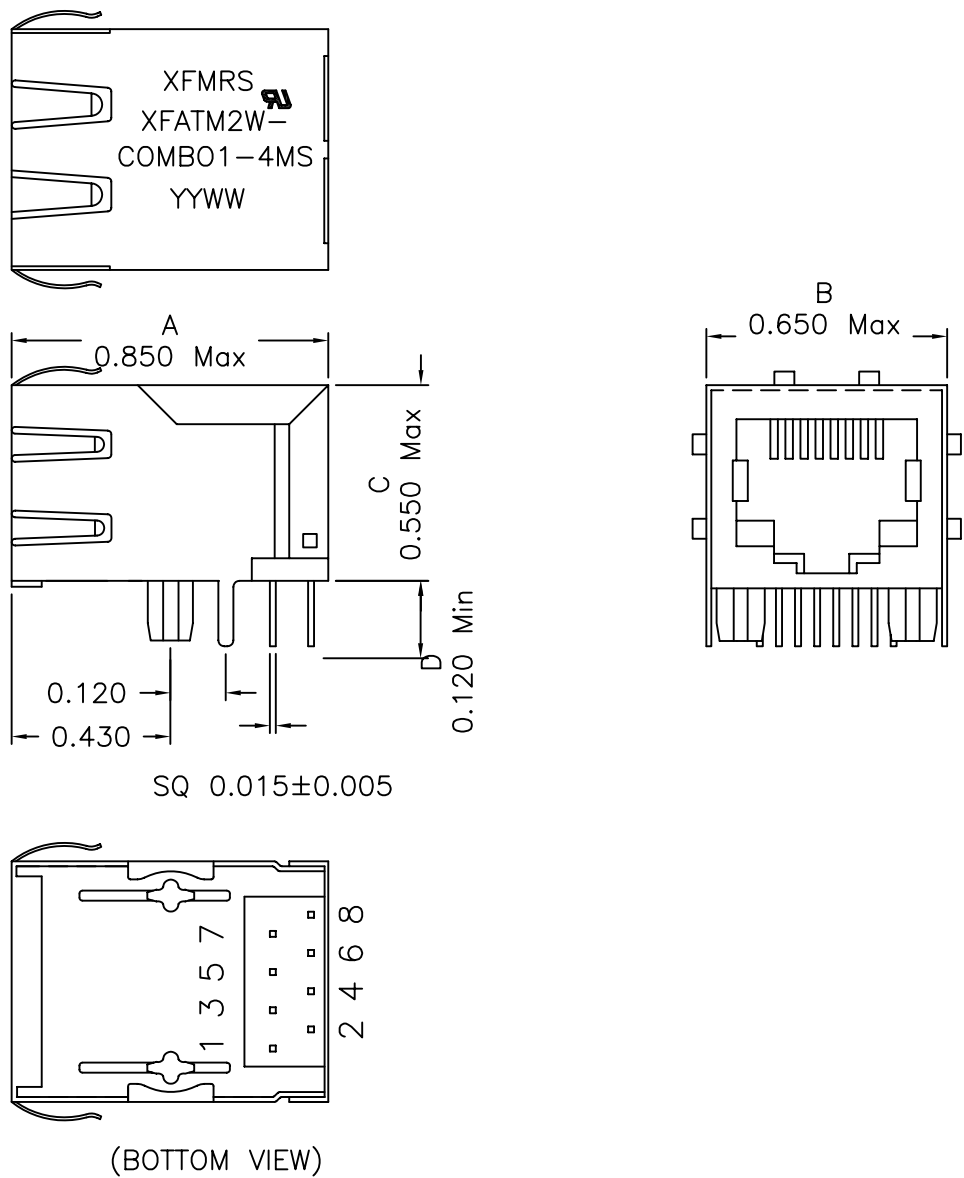
- Notes:
- 1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
 - 2. Flammability: UL94V-0
 - 3. ASTM oxygen index: > 28%
 - 4. Insulation System: Class F 155°C. UL file E151556
 - 5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
 - 6. Storage Temperature Range: -55°C to +125°C
 - 7. Aqueous wash compatible
 - 8. Electrical and mechanical specifications 100% tested
 - 9. RoHS Compliant Component

DOC REV: A/7

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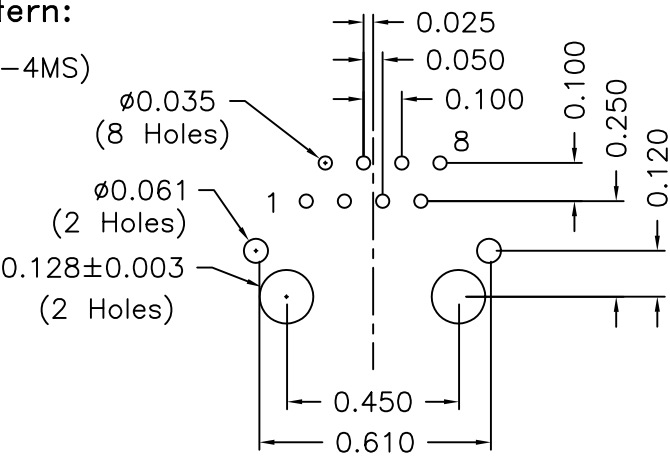
XFMRs Inc www.XFMRs.com	Title: SINGLE PORT COMBO		
	UNLESS OTHERWISE SPECIFIED		P/N: XFATM2W-COMBO1-4MS
	TOLERANCES:		REV. A
	.xxx ±0.010		
	Dimensions in Inch		
SHEET 1 OF 2	DWN.	李小锋	Nov-10-05
	CHK.	廖玉坤	Nov-10-05
	APP.	Isaiah M	Nov-10-05

Mechanical Dimensions:



Mounting Pattern:

(FOR COMBO1-4MS)
(COMP SIDE)



DOC REV: A/7

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XFMRS Inc www.XFMRS.com		Title: Mechanical Dimensions For COMBO1-4MS Series	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFATM2W-COMBO1-4MS	REV. A	
	DWN.	李小锋	Nov-10-05
	CHK.	廖玉坤	Nov-10-05
SHEET 2 OF 2	APP.	Isaiah M	Nov-10-05