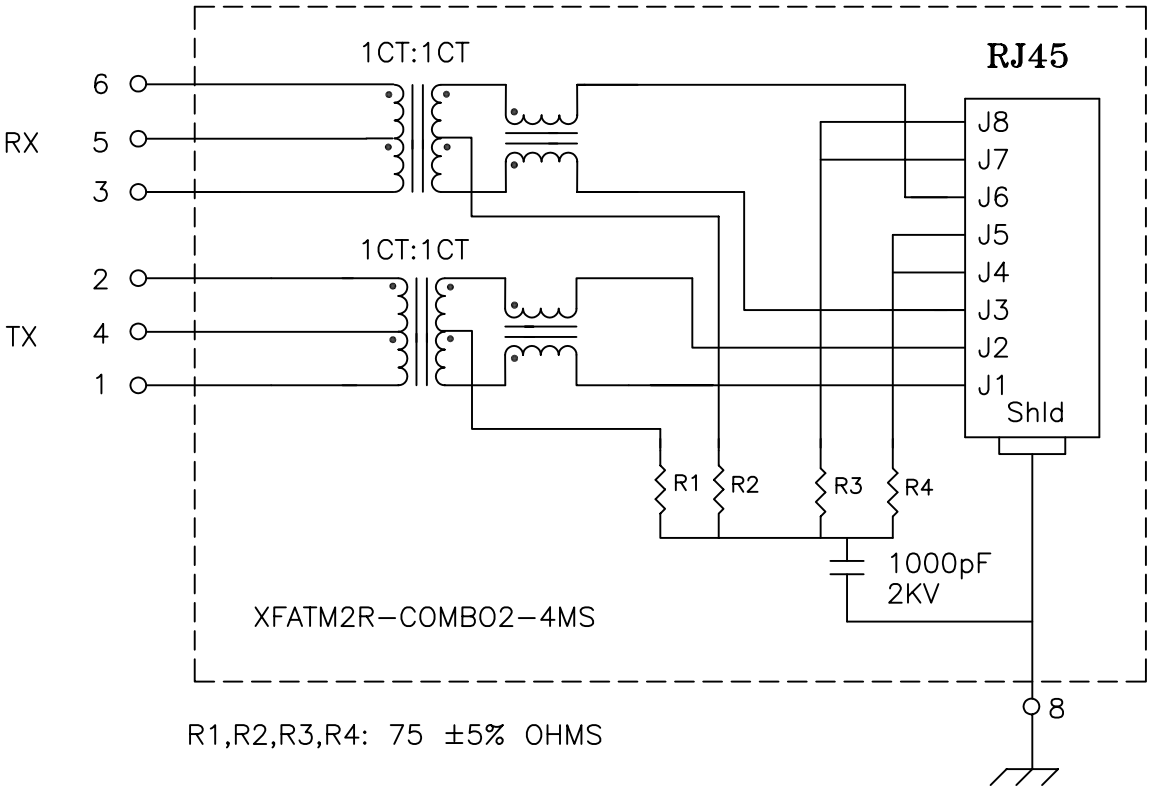


Schematic:



R1,R2,R3,R4: 75 $\pm$ 5% OHMS

Electrical Specifications: @25°C

Isolation Voltage: 1500 Vac

Isolation Voltage: 500 Vac (1+4+2 to 3+5+6)

UTP SIDE OCL: 350uH Min @100KHz 100mV 8mADC

Leakage Inductance: P6-P3 0.3uH Max @100KHz 100mV Short J6 and J3

Leakage Inductance: P2-P1 0.3uH Max @100KHz 100mV Short J2 and J1

Cww: (P6, P5, & P3) to (J6 & J3) 30pF Typ @100KHz 100mV

Cww: (P2, P4, & P1) to (J2 & J1) 30pF Typ @100KHz 100mV

DCR: (J6-J3) = (J2-J1) 1.2 Ohms Max

Rise Time (10-90%): 2.5ns Typ

Insertion Loss (100KHz-100MHz): -1.2dB Max

Return Loss: -18dB Min @1MHz - 30MHz

Return Loss: -12dB Min @60MHz - 80MHz

Crosstalk: 40dB Typ @1MHz to 100MHz

Common Mode to Differential Mode Rejection:

30MHz-100MHz -35dB Typ (Tx) / -35dB Typ (Rx)

PRELIMINARY

Notes:

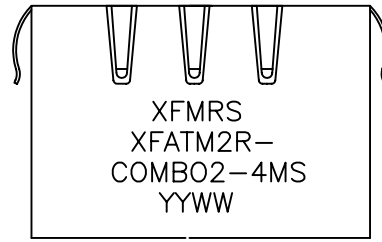
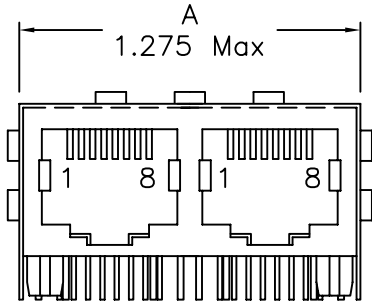
1. Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
6. Storage Temperature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

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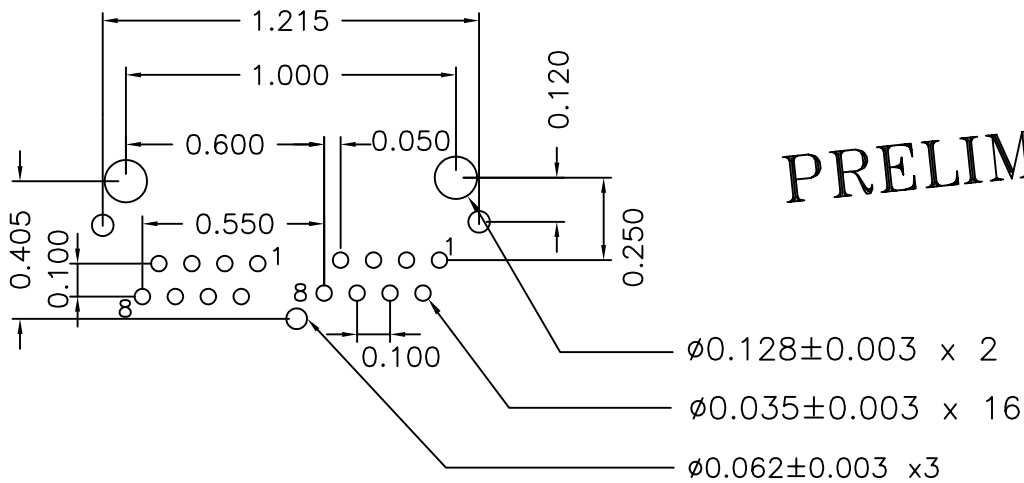
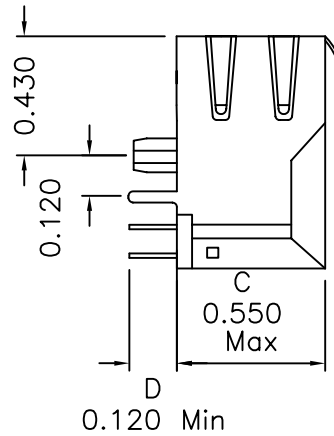
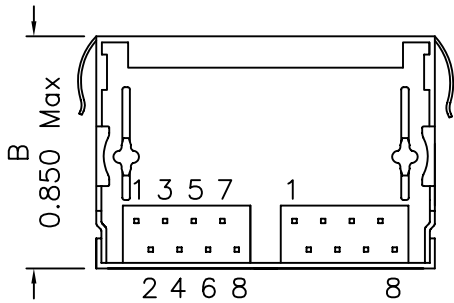
XFMRS Inc.	Title: SINGLE PORT COMBO		
	P/N: XFATM2R-COMBO2-4MS		REV. A
	DWN.	罗振江	Aug-08-03
	CHK.	廖玉坤	Aug-08-03
APP.		BW	Aug-08-03

UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xxx $\pm$ 0.010
Dimensions in Inch
SHEET 1 OF 2

Mechanical Dimensions:



TOP VIEW



PRELIMINARY

SUGGESTED MOUNTING PATTERN

XFMRS Inc.		Title: Mechanical Dimensions For COMB02-4MS Series	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N:XFATM2R-COMB02-4MS	REV. A	
	DWN.	罗振江	Aug-08-03
	CHK.	廖玉坤	Aug-08-03
SHEET 1 OF 3	APP.	BW	Aug-08-03

DOC REV: A/1