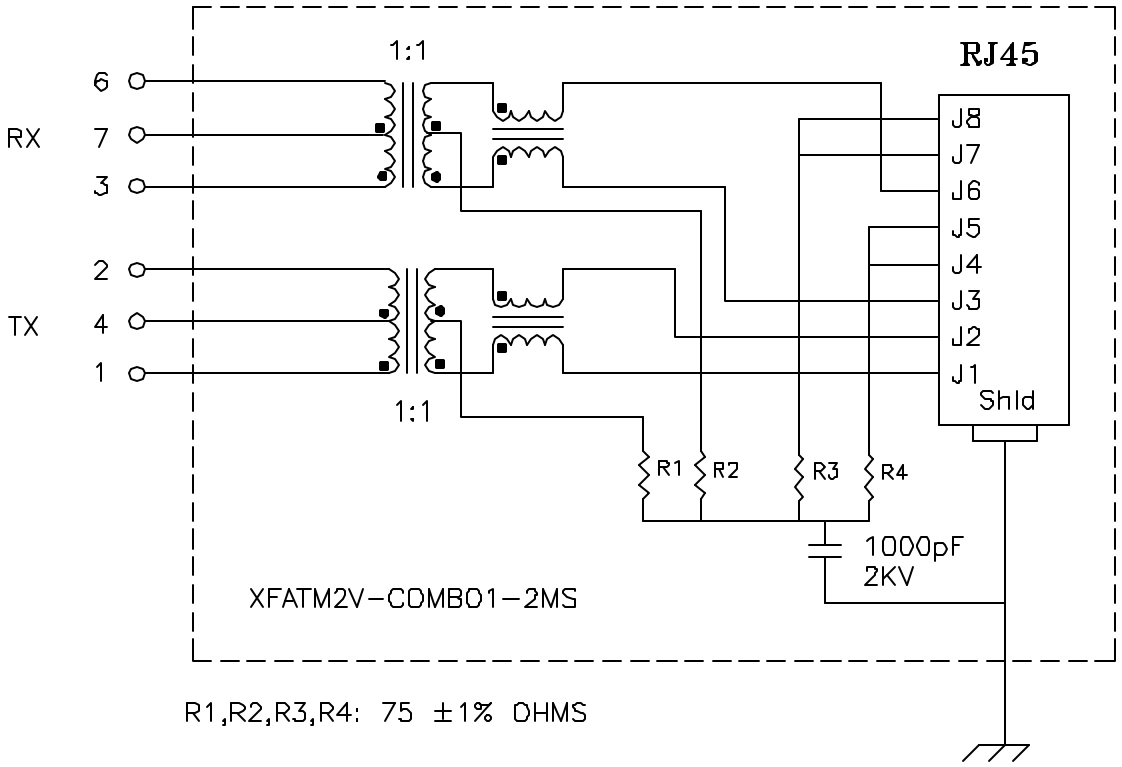
Schematic:



R1,R2,R3,R4: 75 ±1% OHMS

Electrical Specifications: @25°C

Isolation Voltage: 1500 Vac
Isolation Voltage: 500 Vac (1+2+3+5+6+7)
UTP SIDE OCL: 350uH Min @100KHz 100mV 8mADC
Rise Time (10-90%): 2.5ns Typical
Insertion Loss (300KHz-100MHz): -1.1dB Maximum
Insertion Loss (100MHz-125MHz): -1.5dB Maximum
Return Loss: -12dB Typical @300KHz - 100MHz
Crosstalk:
100KHz-60MHz -40dB Typical
60MHz-100MHz -38dB Typical
Common Mode to Differential Mode Rejection:
1MHz-100MHz -30dB Typ (Tx) / -30dB Typ (Rx)
200MHz -20dB Typ (Tx) / -20dB Typ (Rx)

Notes
1. Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability
2. Flammability, UL94V-D
3. ASTM oxygen index > 28%
4. Insulation System: Class F 155°C UL file E181555
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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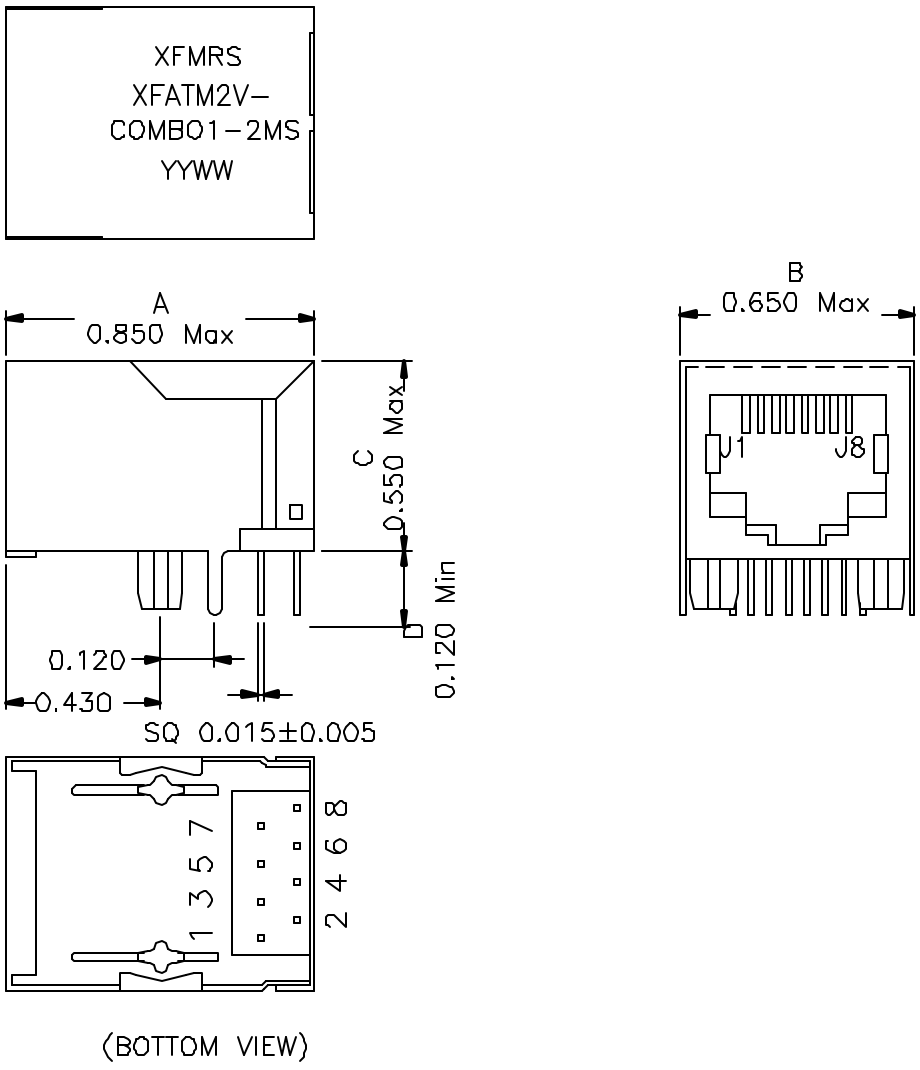
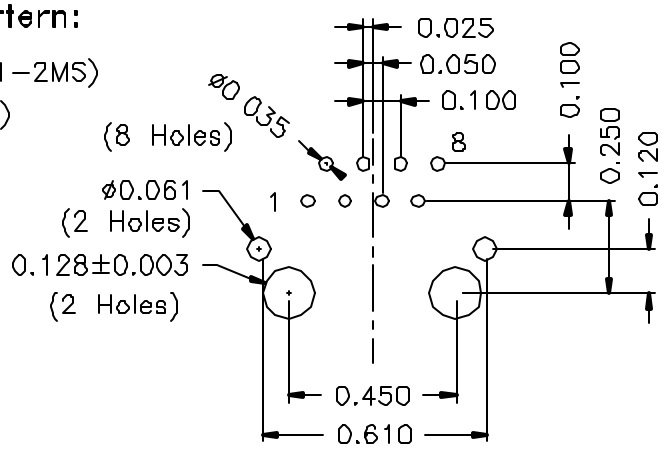
XFMRS Inc.	Title: SINGLE PORT COMBO		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFATM2V-COMBO1-2MS		REV. A
	DWN.	李小锋	Feb-10-04
	CHK.	廖玉坤	Feb-10-04
SHEET 1 OF 2	APP.	MS	Feb-10-04

Mechanical Dimensions:



Mounting Pattern:

(FOR COMBO1–2MS)
(COMP SIDE)



XFMRS Inc.	Title: Mechanical Dimensions For COMBO1–2MS Series		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFATM2V–COMBO1–2MS		REV. A
	DWN.	廣玉坤	Feb–10–04
	CHK.	李清儿	Feb–10–04
SHEET 2 OF 2	APP.	MS	Feb–10–04

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