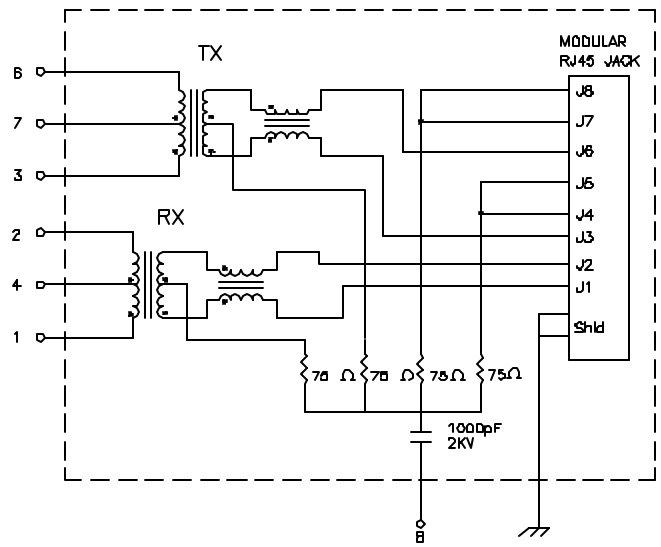
Schematic:

(one of two)



Electrical Specifications: 25°C

TURNS RATIO: TX 1CT:1CT±3%, RX 1CT:1CT±3%
Isolation Voltage: 1500 Vrms (INPUT to OUTPUT)
UTP SIDE OCL: 350uH Min @100KHz 100mV 8mADC
Rise Time (10–90%): 2.5ns Typical
Insertion Loss (1–100MHz): –1.0dB Maximum
Insertion Loss (100MHz–125MHz): –1.5dB Typ.
Return Loss: –20dB Typ. @30MHz
–12dB Typ @80MHz
Crosstalk 32MHz: 40.0dB Min
62MHz: 35.0dB Min
100MHz: 30.0dB Min
CMRR 100KHz–100MHz: 35.0dB Typ

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 0°C to +70°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. B/2

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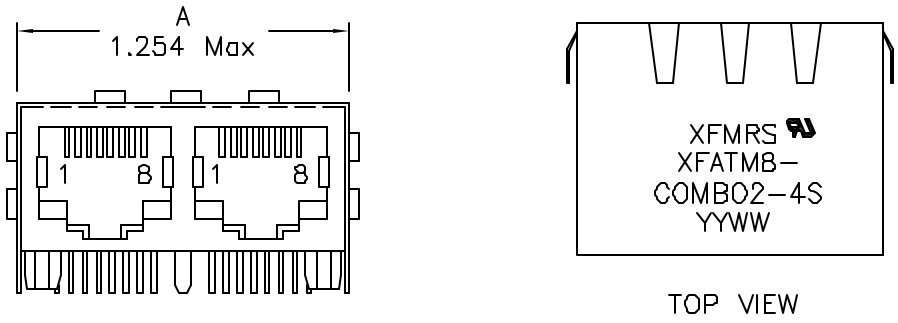
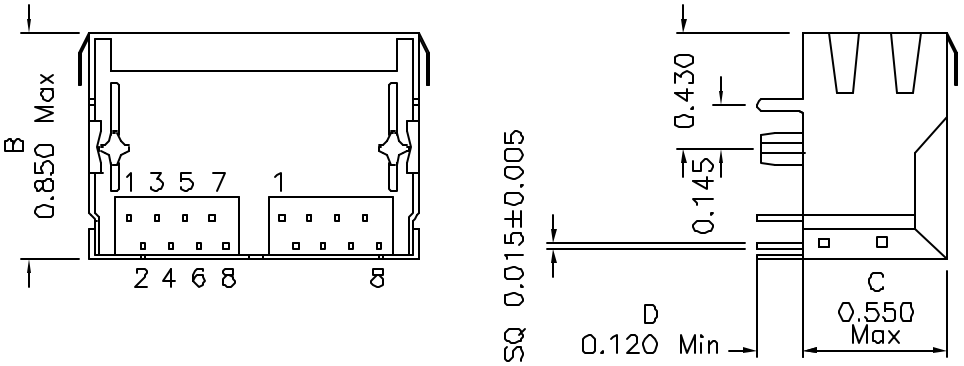
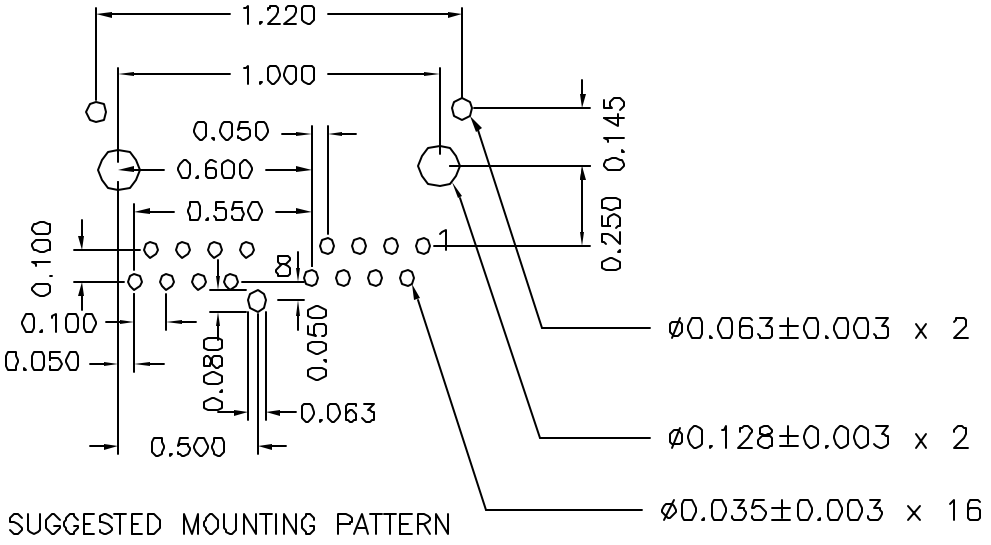
XFMRS Inc. www.XFMRS.com	Title: 2 PORT COMBO SERIES		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFATM8-COMBO2-4S		REV. B
	DWN.	Juan Mao	Mar-26-08
	CHK.	YK Liao	Mar-26-08
SHEET 1 OF 2	APP.	BW	Mar-26-08

Mechanical Dimensions: (FOR COMB02-4S)







XFMRS Inc. www.XFMRS.com		Title: Mechanical Dimensions For COMB02-4S Series		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch		P/N: XFATM8-COMB02-4S		REV. B
		DWN.	Juan Mao	Mar-26-08
		CHK.	YK Liao	Mar-26-08
SHEET 2 OF 2		APP.	BW	Mar-26-08

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