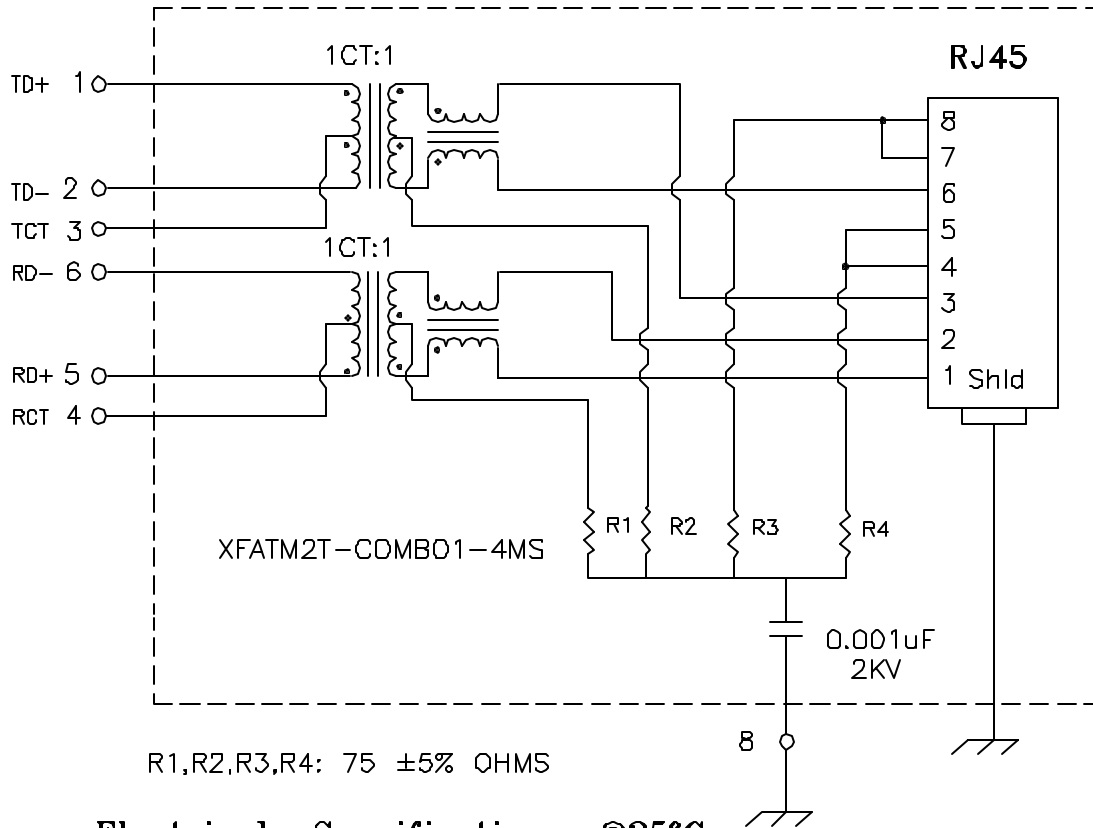


Schematic:



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-999KHz): -1.0dB Maximum
 (1.0MHz-15.0MHz): -0.3dB Maximum
 (15.1MHz-60.0MHz): -0.6dB Maximum
 (60.1MHz-100MHz): -1.1dB Maximum
 Return Loss: (100KHz-60.0MHz): -18dB Typ
 (60.1MHz-80MHz): -15dB Typ
 (80.1MHz-100MHz): -12dB Minimum
 Crosstalk: (100KHz-60MHz): -43dB Minimum
 (60.1MHz-100MHz): -38dB Minimum
 Common Mode to Differential Mode Rejection:
 100KHz-60MHz -46dB Min (Tx) / -35dB Min (Rx)
 60MHz-100MHz -42dB Min (Tx) / -33dB Min (Rx)

Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151558
- Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component DOC. REV A/4

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Title: **SINGLE PORT COMBO**

UNLESS OTHERWISE SPECIFIED
 TOLERANCES:
 .xxx ±0.010
 Dimensions in Inch

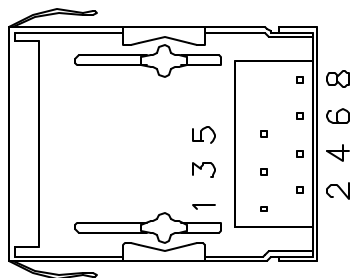
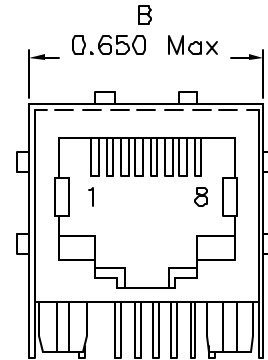
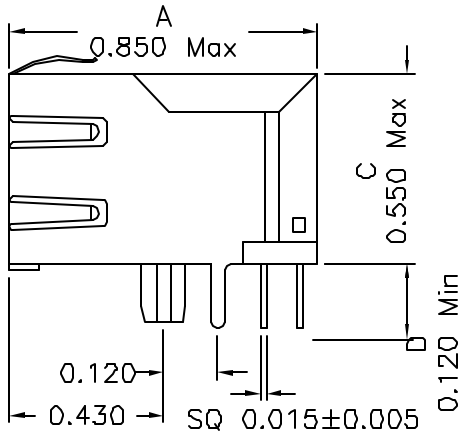
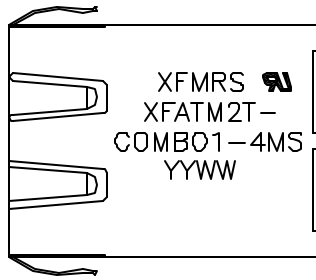
P/N: XFATM2T-COMBO1-4MS	REV. A	
DWN.	Juan Mao	Jan-17-07
CHK.	YK Liao	Jan-17-07
APP.	BW	Jan-17-07

PROPRIETARY:

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SHEET 1 OF 2

Mechanical Dimensions:

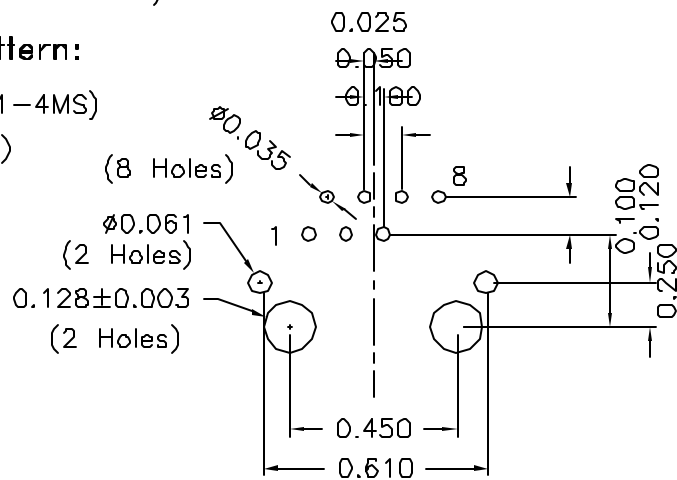


(BOTTOM VIEW)

*Remove Pin#7

Mounting Pattern:

(FOR COMBO1-4MS)
(COMP SIDE)



DOC REV: A/4

XFMR5 Inc. www.XFMR5.com		Title: Mechanical Dimensions For COMBO1-4MS Series	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch		P/N:XFATM2T-COMBO1-4MS	REV. A
	DWN.	Juan Mao	Jan-17-07
	CHK.	YK Liao	Jan-17-07
SHEET 2 OF 2	APP.	BW	Jan-17-07

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