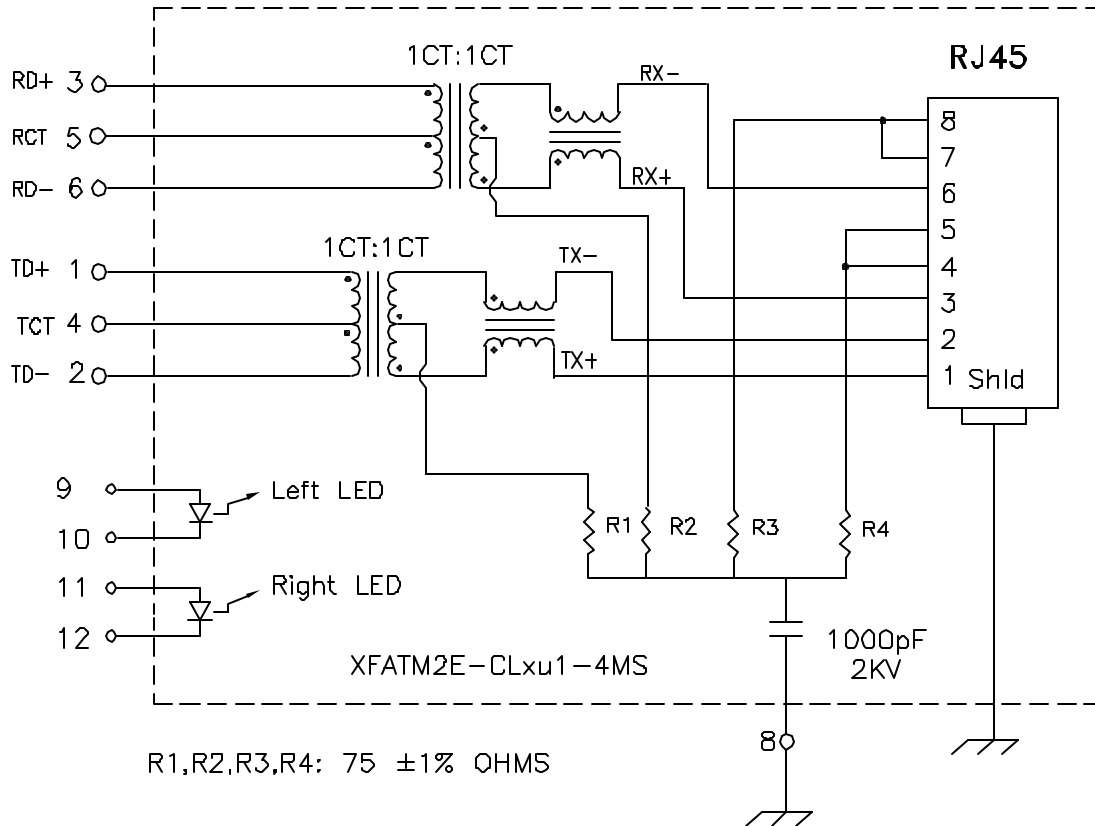


## Schematic:



## 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 (300KHz-100MHz): -1.1dB Maximum  
 Insertion Loss (100MHz-125MHz): -1.5dB Maximum  
 Return Loss: -20dB Typ @30MHz  
 -15dB Typ @80MHz

Crosstalk:

300KHz-60MHz	-40dB Typical
60MHz-100MHz	-38dB Typical

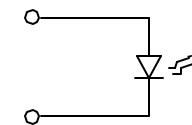
Common Mode to Differential Mode Rejection:

300KHz-60MHz	-45dB Typ (Tx) / -40dB Typ (Rx)
60MHz-100MHz	-40dB Typ (Tx) / -35dB Typ (Rx)

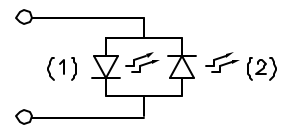
Complete the Combo P/N as follows:

Replace 'x' & 'u' in the part number with one of the LED color letters:  
 Y=Yellow  
 G=Green  
 A=Amber  
 R=Red  
 C=Green(1)/Amber(2) Bicolor  
 D=Amber(1)/Green(2) Bicolor  
 M=Green(1)/Yellow(2) Bicolor  
 N=Yellow(1)/Green(2) Bicolor  
 P=Red(1)/Green(2) Bicolor  
 Q=Green(1)/Red(2) Bicolor

Single Color LED:



Bi-Color LED:



### Notes:

- Solderability: Leads shall meet ML-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E161666
- 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

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 www.XFMRs.com

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

SHEET 1 OF 2

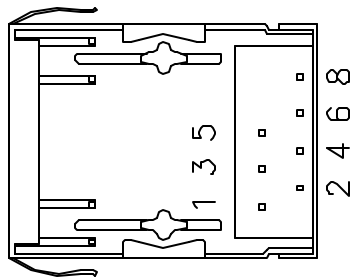
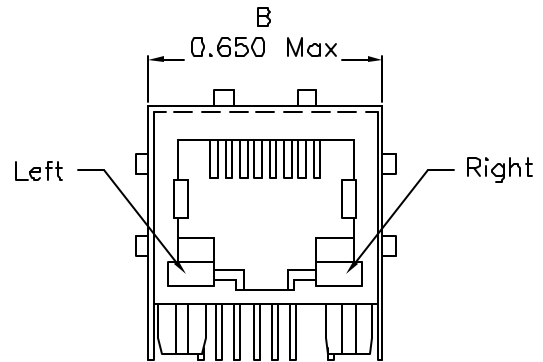
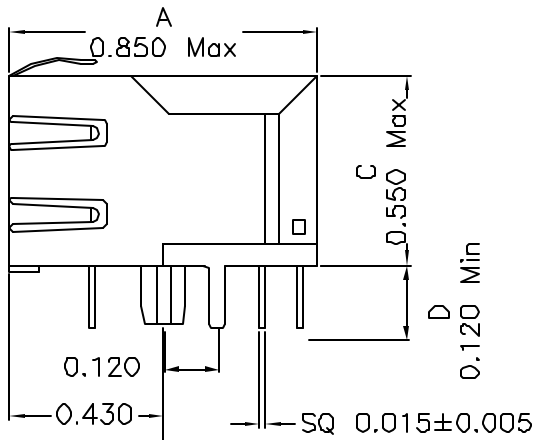
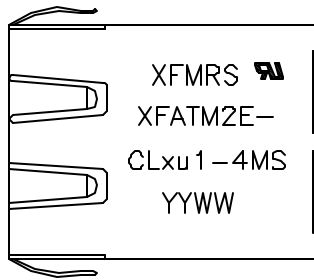
Title: **SINGLE PORT COMBO**

XFATM2E-CLxu1-4MS		REV. A
DWN.	罗振江	Apr-05-07
CHK.	廖玉坤	Apr-05-07
APP.	MS	Apr-05-07

**PROPRIETARY:**

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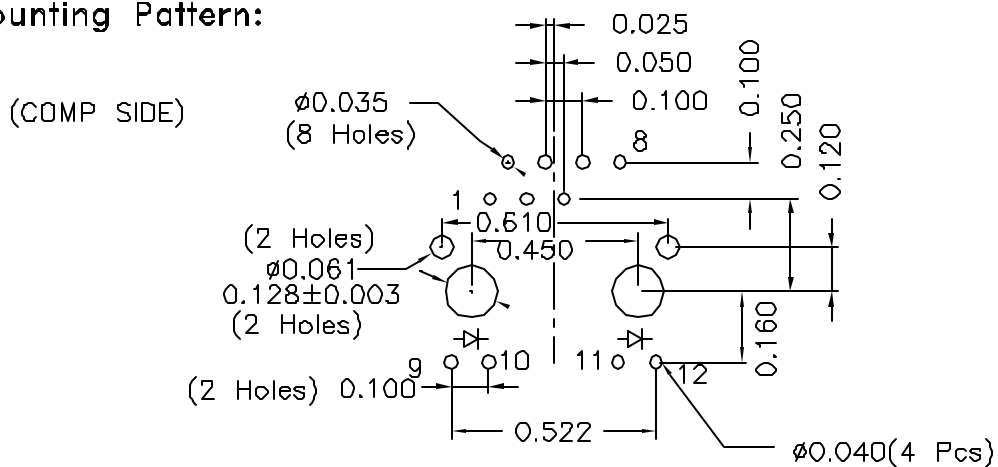
### Mechanical Dimensions:



(BOTTOM VIEW)

\*Remove Pin #7

### Mounting Pattern:



DOC. REV: A/6

<b>XFMRS Inc.</b> www.XFMRS.com	Title: Mechanical Dimensions For CLxu1-4MS Series	
	P/N: XFATM2E-CLxu1-4MS	REV. A
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	DWN. 罗振江	Apr-05-07
	CHK. 廖玉坤	Apr-05-07
SHEET 2 OF 2	APP. MS	Apr-05-07

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