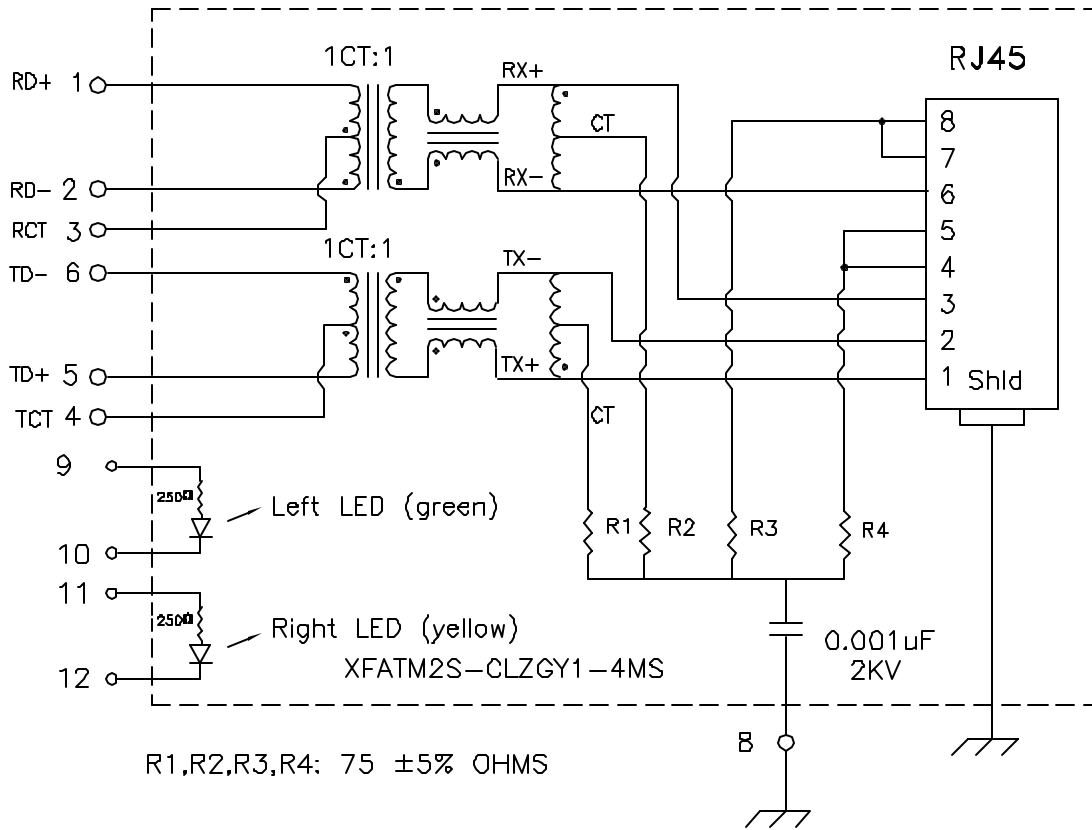


## Schematic:



## 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-1.0MHz): -1.0dB Maximum

(1.0MHz-15.0MHz): -0.3dB Maximum

(15.0MHz-60.0MHz): -0.6dB Maximum

(60.0MHz-100MHz): -1.1dB Maximum

Return Loss: (300KHz-60.0MHz): -18dB Minimum

(60.0MHz-80MHz): -15dB Minimum

(80.0MHz-100MHz): -12dB Minimum

Crosstalk: (300KHz-60MHz): -43dB Minimum

(60.0MHz-100MHz): -38dB Minimum

Common Mode to Differential Mode Rejection:

300KHz-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 E151556
- 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

**XFMRs Inc.**  
www.XFMRs.com

Title:

**SINGLE PORT COMBO**

UNLESS OTHERWISE SPECIFIED

P/N: XFATM2S-CLZGY1-4MS

REV. A

TOLERANCES:

DWN.

Kang Chen

Jan-31-07

.xxx ±0.010

CHK.

YK Liao

Jan-31-07

Dimensions in Inch

APP.

MS

Jan-31-07

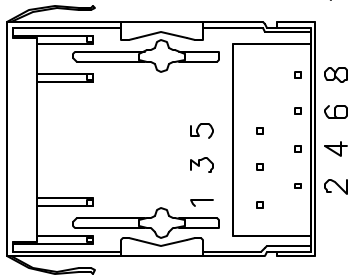
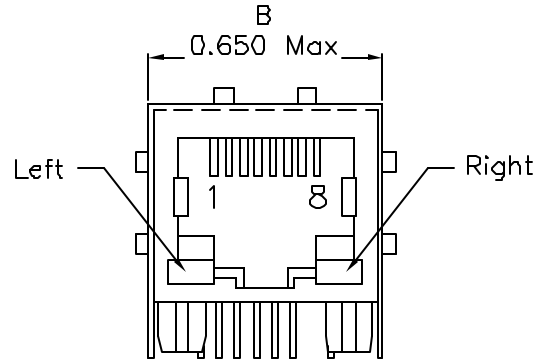
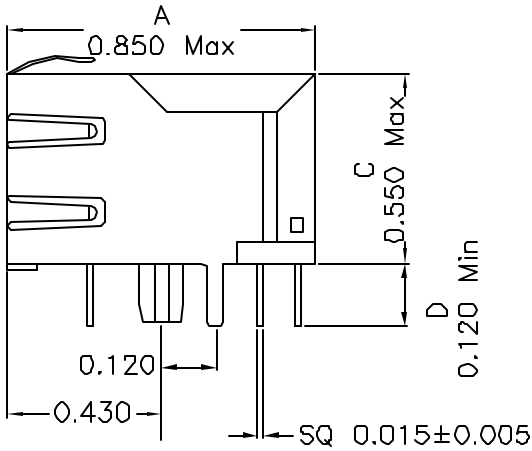
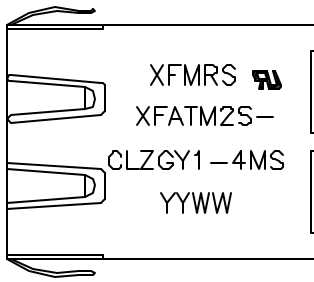
SHEET 1 OF 2

DOC. REV: A/3

**PROPRIETARY**

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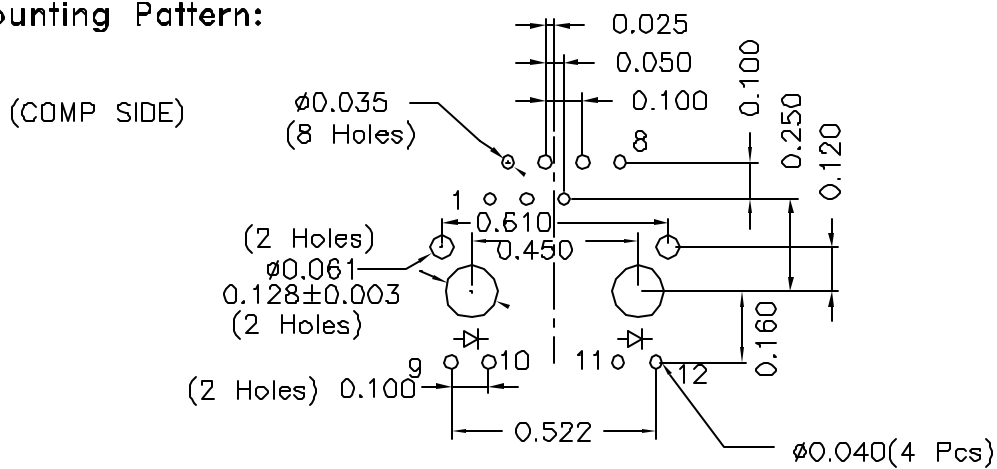
# Mechanical Dimensions:



(BOTTOM VIEW)

\*Remove Pin#7

# Mounting Pattern:



DOC. REV: A/3

<b>XFMR5 Inc.</b> <a href="http://www.XFMR.com">www.XFMR.com</a>	Title: Mechanical Dimensions For CLxu1-4MS Series		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFATM2S-CLZGY1-4MS	REV. A
	DWN.	Juan Mao	Jan-30-07
	CHK.	YK Liao	Jan-30-07
SHEET 2 OF 2	APP.	MS	Jan-30-07

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