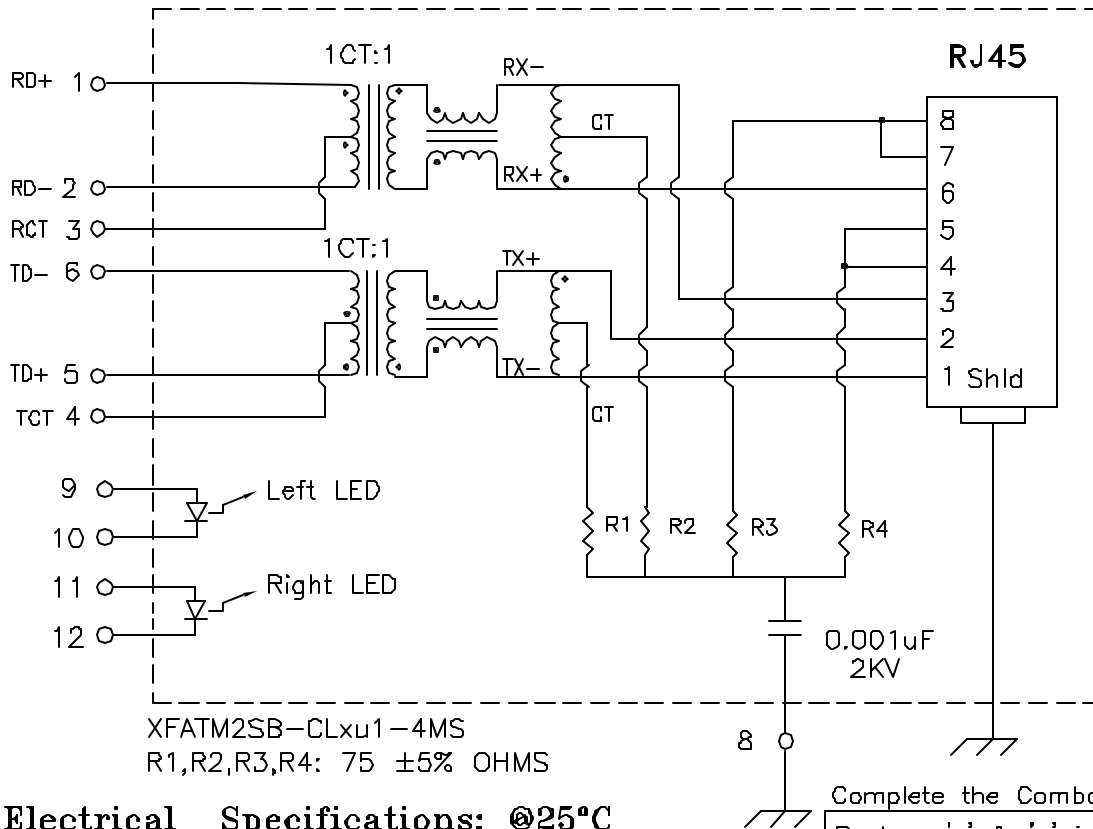


Schematic:

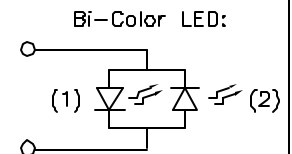
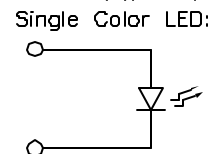


Electrical Specifications: @25°C

- 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): -16dB Minimum
- (60.1MHz-80MHz): -12dB Minimum
- (80.1MHz-100MHz): -10dB 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)

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



Notes:

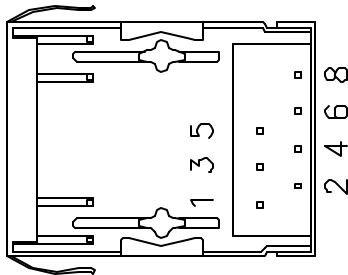
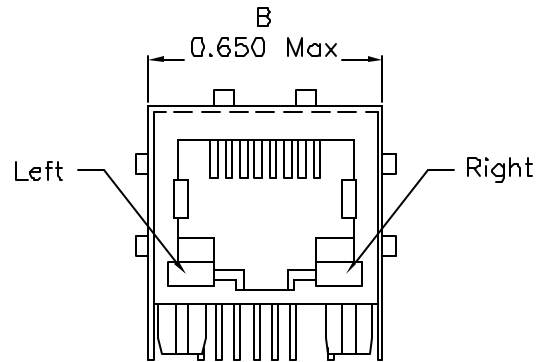
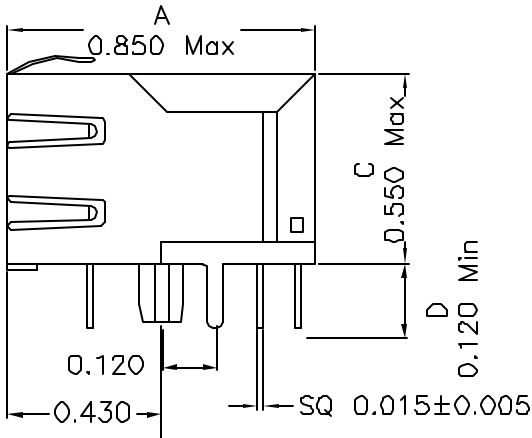
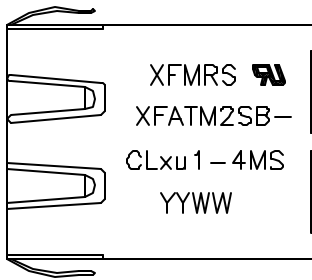
- Solderability: Leads shall meet MIL-STD-2026, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C, UL file E151556
- Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

XFMRs Inc. www.XFMRs.com UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	Title: SINGLE PORT COMBO		
	XFATM2SB-CLxu1-4MS		REV. A
DOC. REV A/7	DWN.	Juan Mao	Sep-18-07
	CHK.	YK Liao	Sep-18-07
	APP.	MS	Sep-18-07
SHEET 1 OF 2			

PROPRIETARY:

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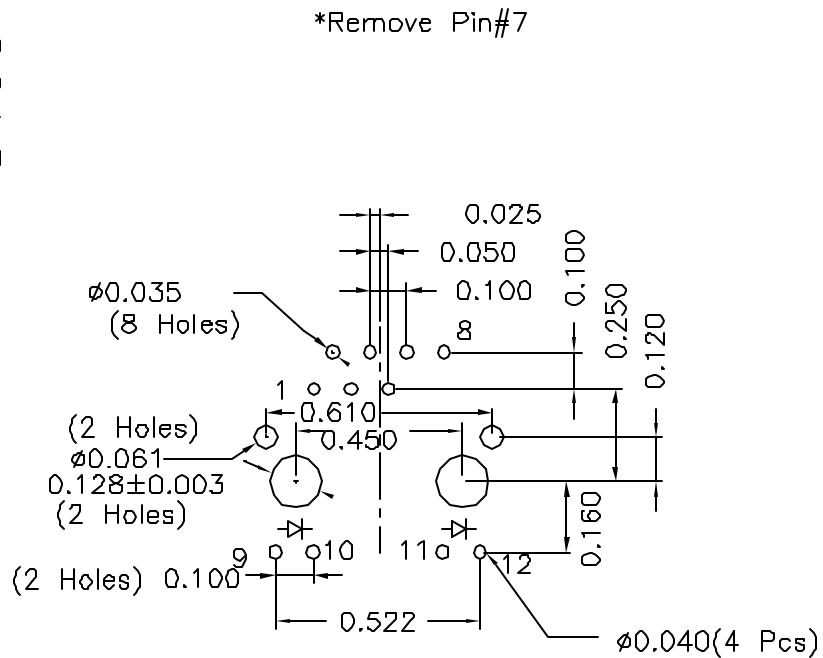
Mechanical Dimensions:



(BOTTOM VIEW)

Mounting Pattern:

(COMP SIDE)



*Remove Pin#7

PCB Layout Tolerance: ± 0.002 unless otherwise stated.

DOC. REV: A/7

XFMRS Inc. www.XFMRS.com	Title: Mechanical Dimensions For CLxu1-4MS Series		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ± 0.010 Dimensions in Inch	P/N: XFATM2SB-CLxu1-4MS	REV. A
SHEET 2 OF 2	APP. MS	CHK. YK Liao Sep-18-07	Sep-18-07

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