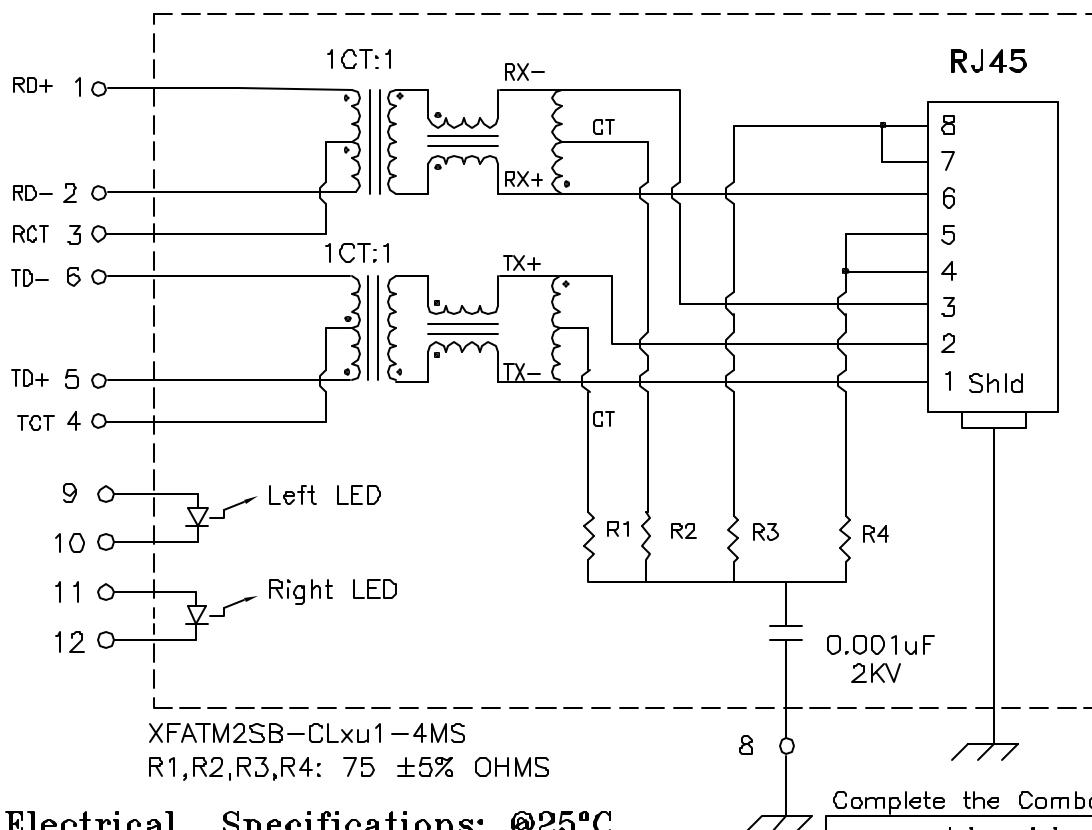


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (INPUT to OUTPUT)

UTP SIDE OCL: 350 μ H 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

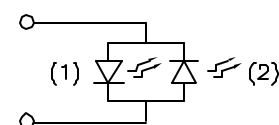
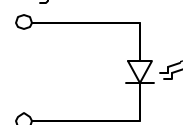
N=Yellow{1}/Green{2} Bicolor

P=Red{1}/Green{2} Bicolor

Q=Green(1)/Red(2) Bicolor

Single Color LED:

Bi-Color LED:



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 E151558
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°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

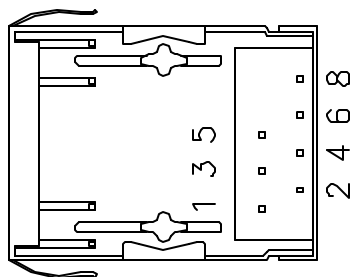
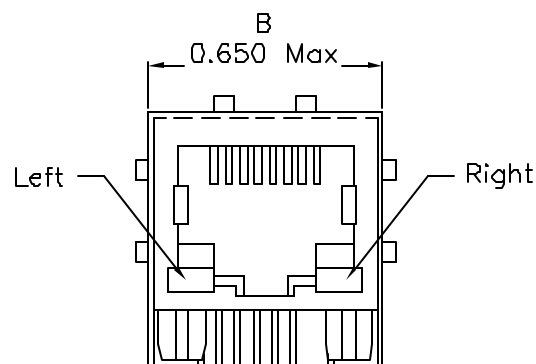
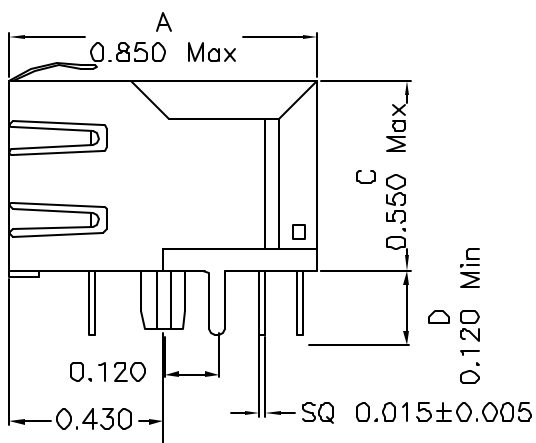
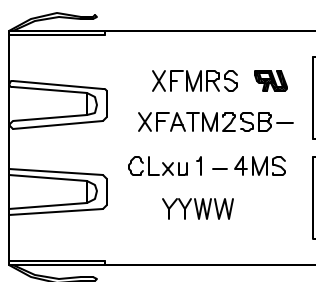
XFMRs Inc. www.XFMRs.com	Title: SINGLE PORT COMBO		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ± 0.010 Dimensions in Inch	XFATM2SB-CLxu1-4MS		REV. A
	DWN.	Juan Mao	Sep-18-07
	CHK.	YK Liao	Sep-18-07
SHEET 1 OF 2	APP.	MS	Sep-18-07

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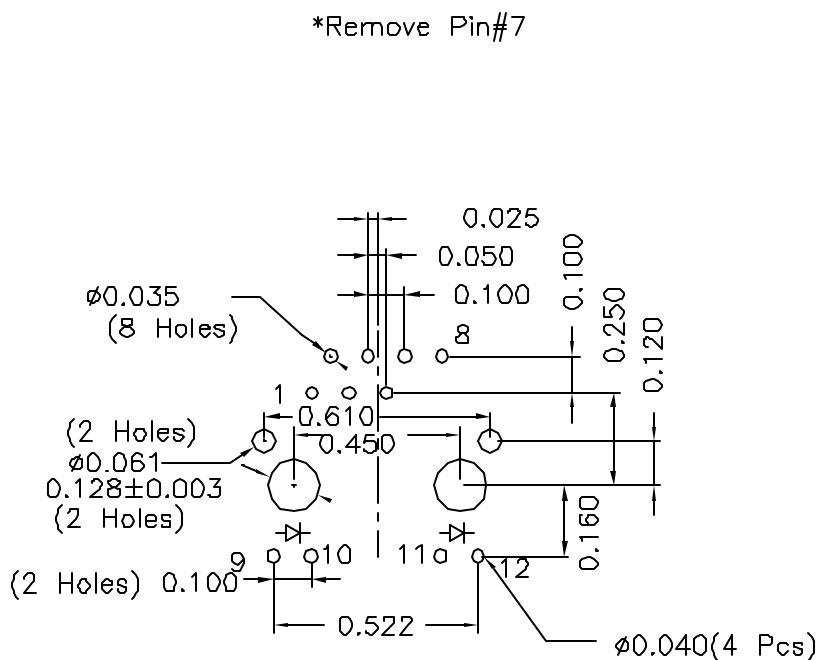
Mechanical Dimensions:



(BOTTOM VIEW)

Mounting Pattern:

(COMP SIDE)



PCB Layout Tolerance: ± 0.002 unless otherwise stated.

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

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