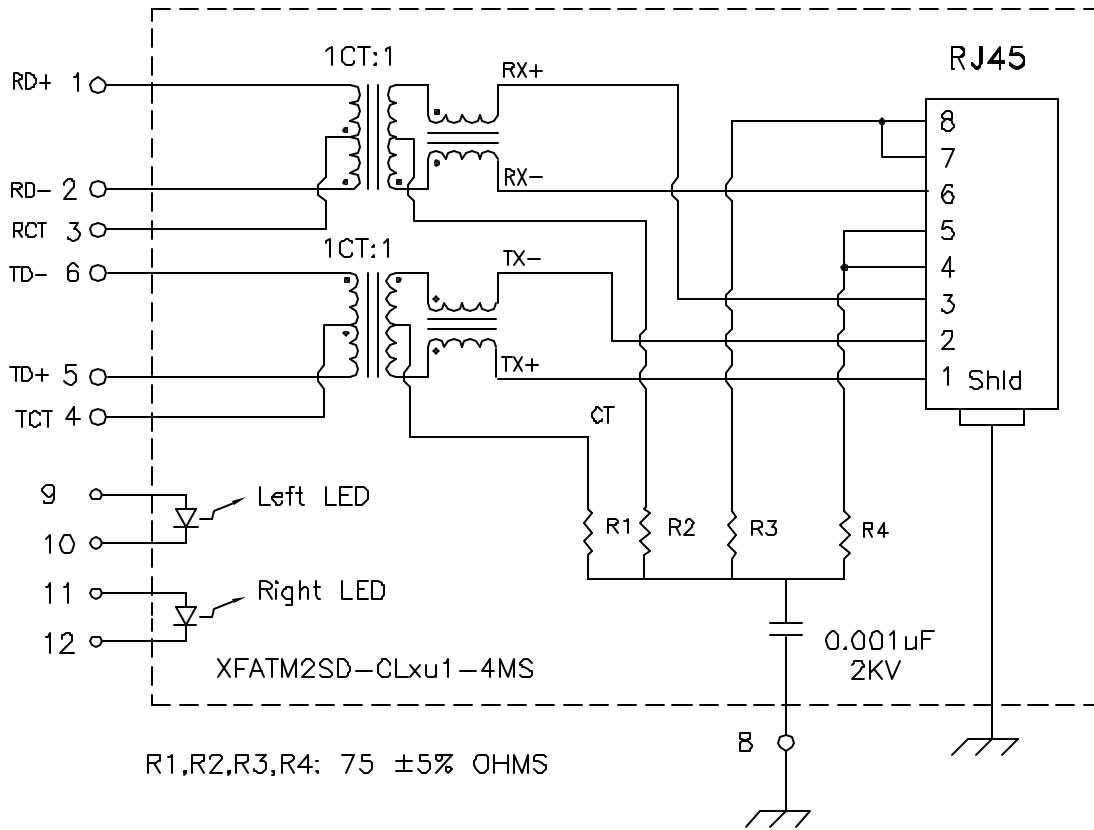


Schematic:



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 Typ
- 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 'x' = Left LED Color
 G=Green 'u' = Right LED Color
 A=Amber
 R=Red
 N=Yellow(1)/Green(2) Bicolor
 M=Green(1)/Yellow(2) Bicolor

Single Color LED: Bi-Color LED:

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

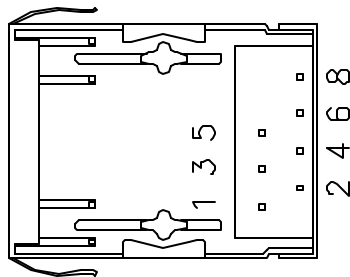
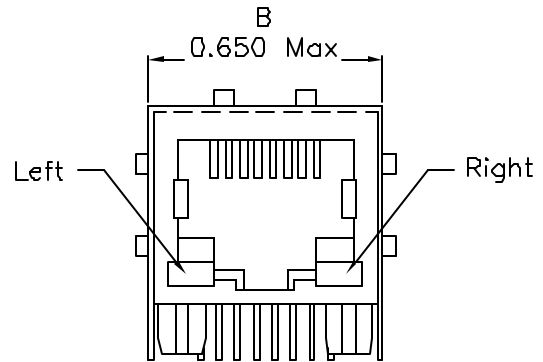
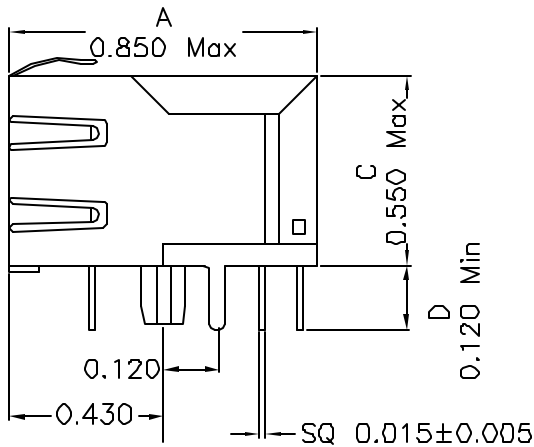
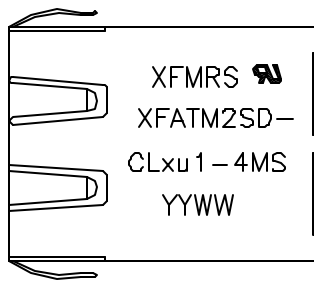
DOC. REV: A/3

PROPRIETARY:

Document is the property of XFMRs Group & is not allowed to be duplicated without authorization.

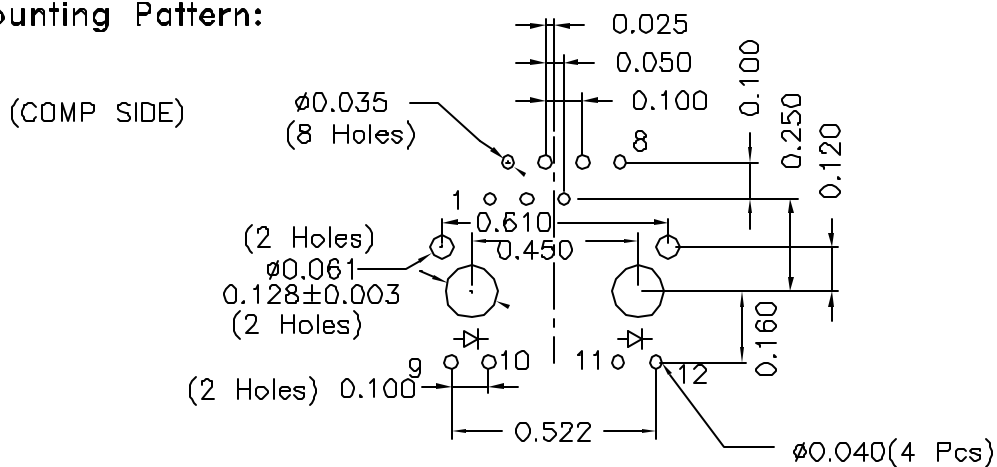
XFMRs Inc. www.XFMRs.com UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch SHEET 1 OF 2	Title: SINGLE PORT COMBO	
	P/N: XFATM2SD-CLxu1-4MS	REV. A
DWN.	Juan Mao	Apr-20-07
CHK.	YK liao	Apr-20-07
APP.	BW	Apr-20-07

Mechanical Dimensions:



(BOTTOM VIEW)

Mounting Pattern:



XFMRS Inc. www.XFMRS.com	Title: Mechanical Dimensions For CLxu1-4MS Series		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFATM2SD-CLxu1-4MS	REV. A
DOC. REV: A/3	CHK. YK liao Apr-20-07	APP. BW Apr-20-07	SHEET 2 OF 2

PROPRIETARY:

Document is the property of XFMRS Group & is not allowed to be duplicated without authorization.