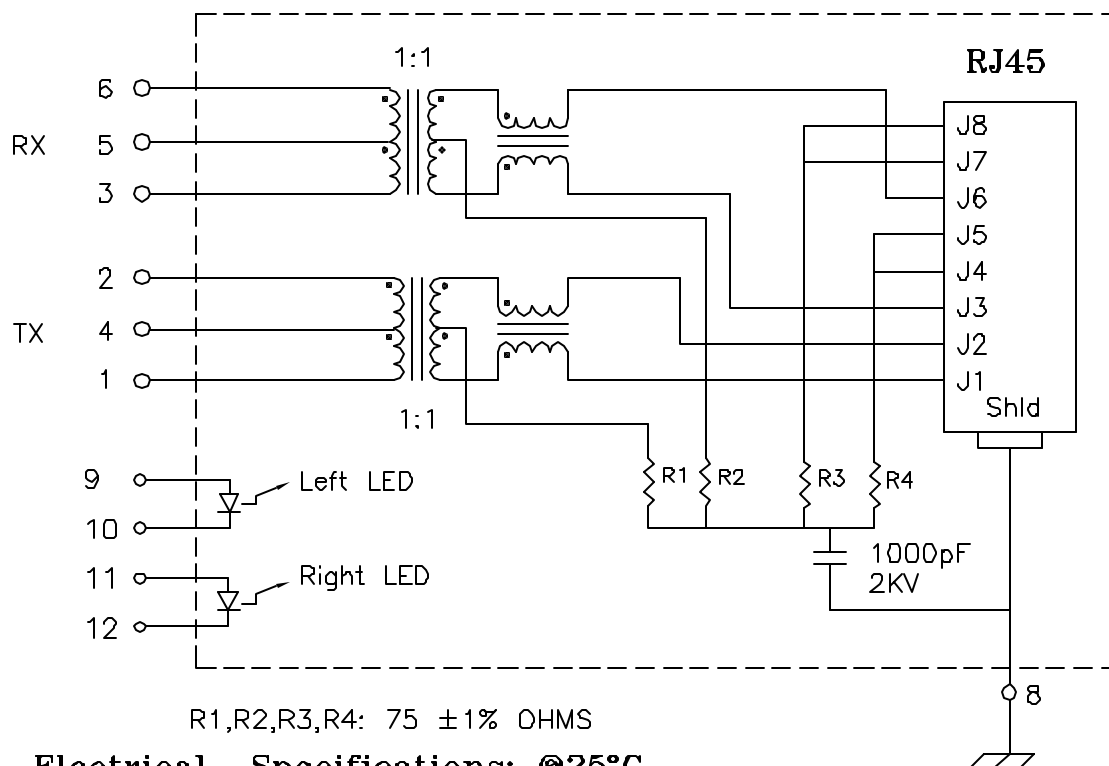


Schematic:

(One of Two)



R1,R2,R3,R4: 75 $\pm$ 1% OHMS

Electrical Specifications: @25°C

Isolation Voltage: 1500 Vac

Isolation Voltage: 500 Vac (1+2+4 to 3+5+6)

UTP SIDE OCL: 350uH Min @100KHz 100mV 8mADC

Leakage Inductance: P6-P3 0.3uH Max @1MHz 100mV Short J6 and J3

Leakage Inductance: P2-P1 0.3uH Max @1MHz 100mV Short J2 and J1

Cww: (P6, P5, & P3) to (J6 & J3) 30pF Max @1MHz 100mV

Cww: (P2, P4, & P1) to (J2 & J1) 30pF Max @1MHz 100mV

DCR: (J6-J3) = (J2-J1) 1.2 Ohms Max

Rise Time (10-90%): 2.5ns Typ

Insertion Loss (100KHz-100MHz): -1.2dB Max

Return Loss: -18dB Min @1MHz - 30MHz

Return Loss: -12dB Min @60MHz - 80MHz

Crosstalk: 40dB Typ @1MHz to 100MHz

Common Mode to Differential Mode Rejection:

30MHz-100MHz -35dB Typ (Tx) / -35dB Typ (Rx)

Q: 18 Min @100KHz 100mV

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

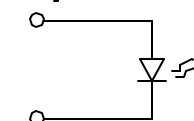
P=Red(1)/Green(2) Bicolor

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

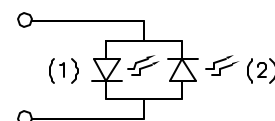
'x' = Left LED Color

'u' = Right LED Color

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 E151556
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

DOC REV: A/4

XFMRS Inc
www.XFMRS.com

UNLESS OTHERWISE SPECIFIED
TOLERANCES:

.xxx $\pm$ 0.010

Dimensions in Inch

SHEET 1 OF 2

Title:

TWO PORT COMBO w/ LED's

P/N: XFATM2R-CLxu2-4MS

REV. A

DWN.

Xianyi

Sep-03-09

CHK.

YK Liao

Sep-03-09

APP.

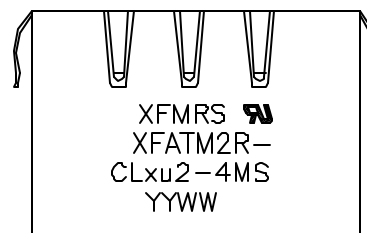
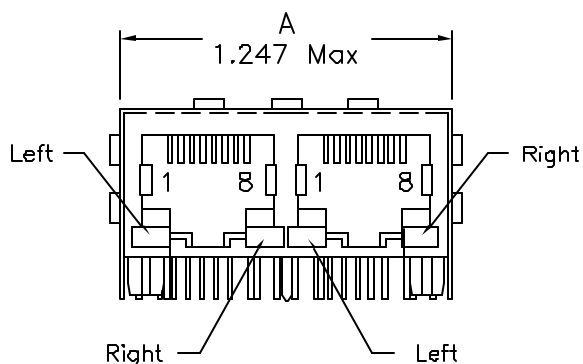
Joe Huff

Sep-03-09

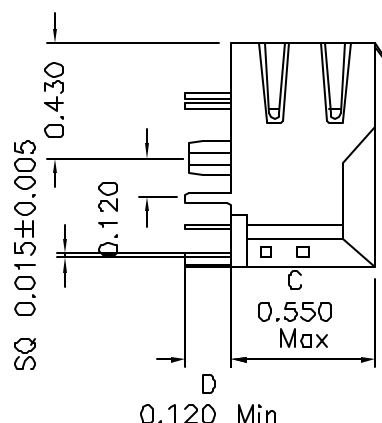
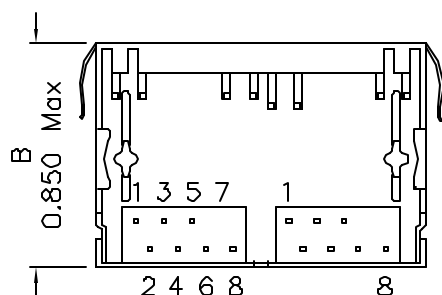
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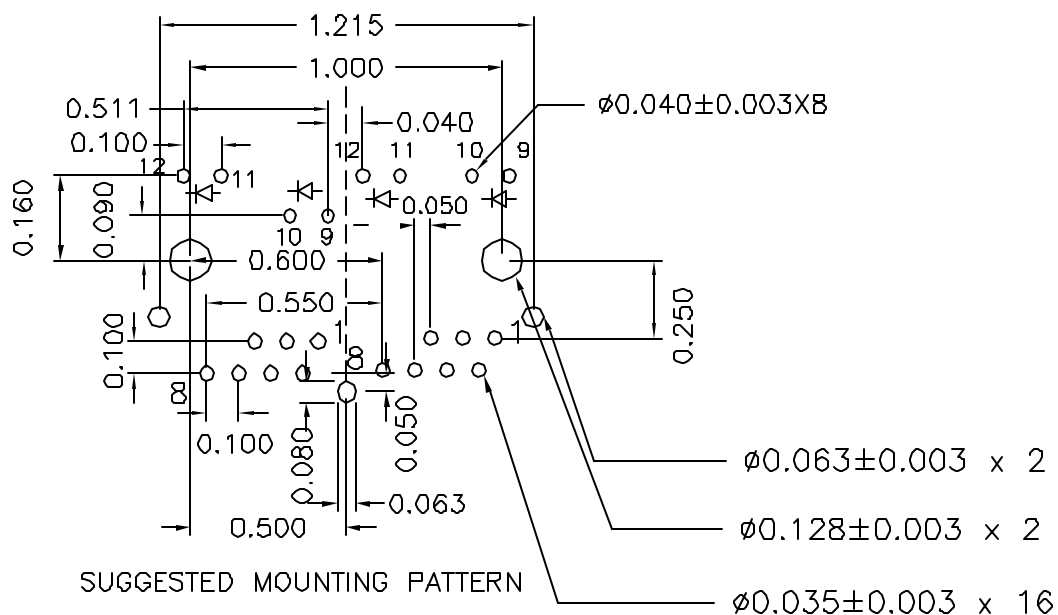
Mechanical Dimensions: (FOR CLxu2-4MS)



TOP VIEW



*Remove Pin#7



XFMRS Inc
www.XFMRS.com

Title: Mechanical Dimensions
For CLxu2-4MS Series

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

P/N: XFATM2R-CLxu2-4MS

REV. A

DWN.

Xianyi

Sep-03-09

CHK.

YK Liao

Sep-03-09

APP.

Joe Huff

Sep-03-09

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SHEET 2 OF 2