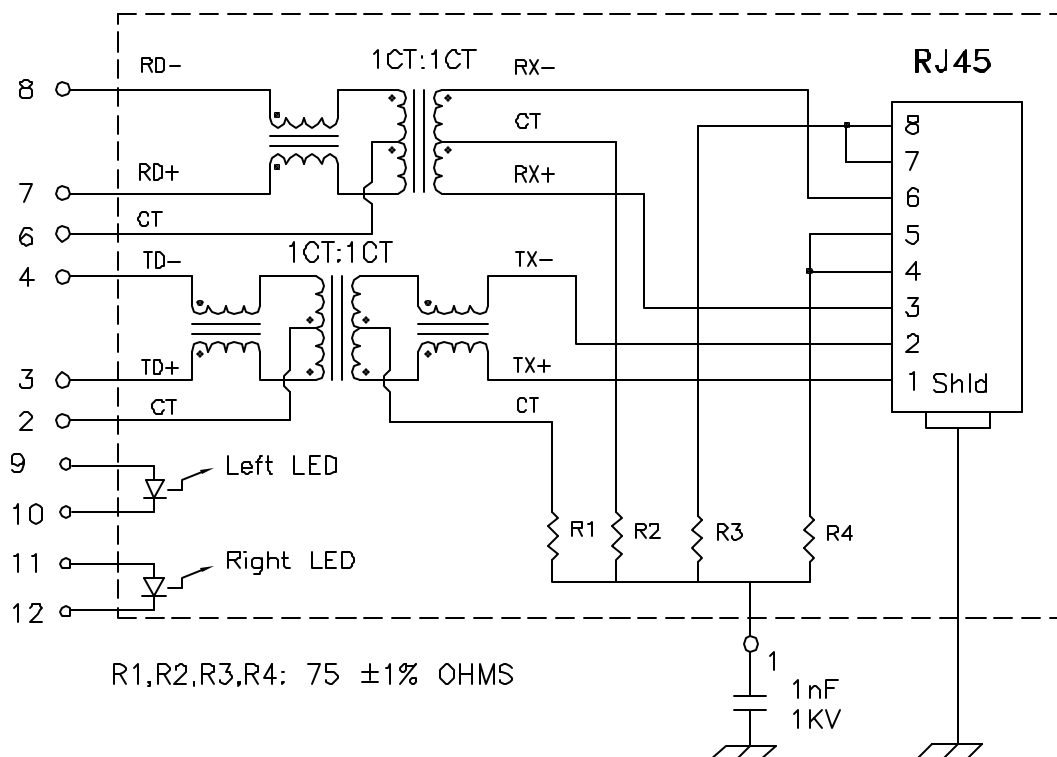


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500Vrms(INPUT to OUTPUT), 500Vrms(TD to RD)

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

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

Insertion Loss (300KHz-100MHz): -1.1dB Maximum

Insertion Loss (100MHz-125MHz): -1.5dB Maximum

Return Loss: -18dB Min. @30MHz

-12dB Min. @80MHz

Crosstalk:

300KHz-60MHz -40dB Typical

60MHz-100MHz -38dB Typical

Common Mode to Differential Mode Rejection:

300KHz-60MHz -45dB Typ (Tx) / -40dB Typ (Rx)

60MHz-100MHz -40dB Typ (Tx) / -35dB Typ (Rx)

Complete the Combo P/N as follows:

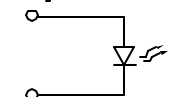
Replace 'x' & 'u' in the part number with one of the LED color letters:

Y=Yellow
G=Green
A=Amber
R=Red

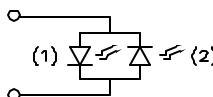
'x' = Left LED Color
'u' = Right LED Color

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:

- 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 E151558
- 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/7

XFMRS Inc.
www.XFMRS.com

UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xxx $\pm$ 0.010
Dimensions in Inch

SHEET 1 OF 2

Title: **SINGLE PORT COMBO**

P/N: XFATM2-CLxu1-4MS REV. A

DWN. Kang Chen Jan-23-06

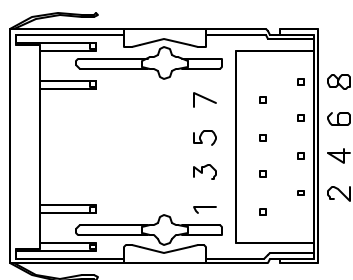
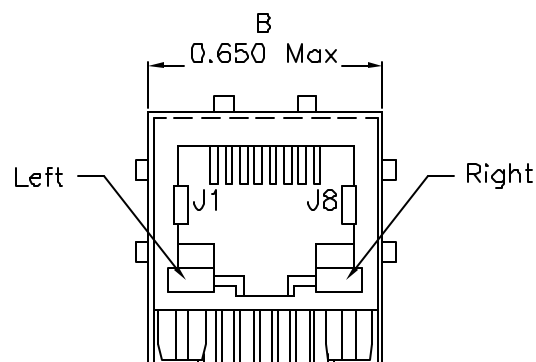
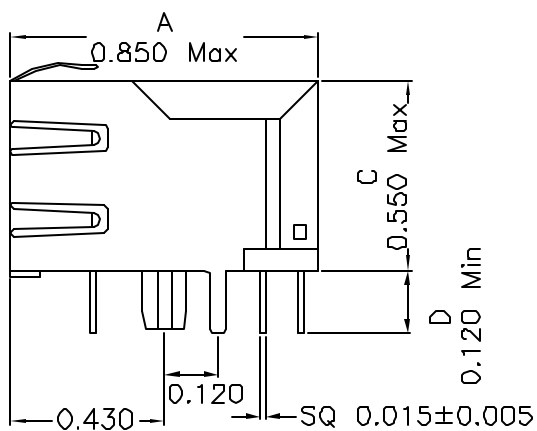
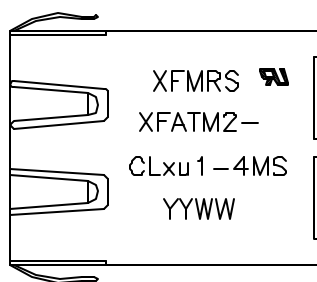
CHK. YK Liao Jan-23-06

APP. BW Jan-23-06

PROPRIETARY:

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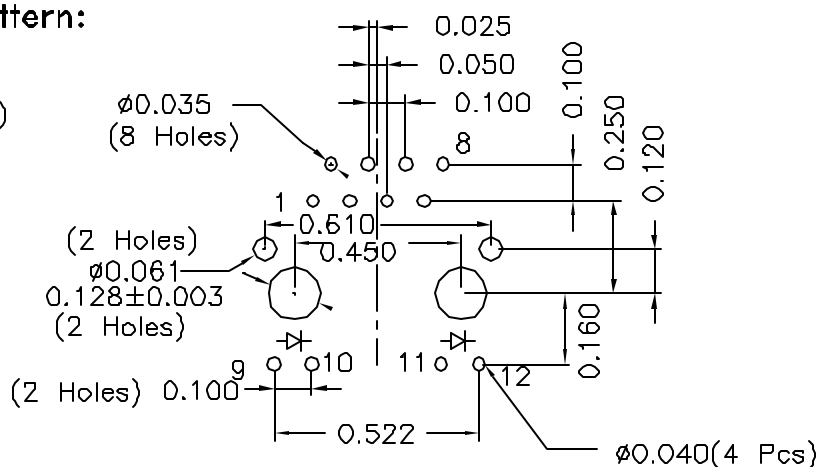
Mechanical Dimensions:



(BOTTOM VIEW)

Mounting Pattern:

(COMP SIDE)



DOC REV: A/7

XFMRS Inc.

Title: Mechanical Dimensions
For CLxu1-4MS Series

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

P/N: XFATM2-CLxu1-4MS		REV. A
DWN.	Kang Chen	Jan-23-06
CHK.	YK Liao	Jan-23-06
APP.	BW	Jan-23-06

SHEET 2 OF 2

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