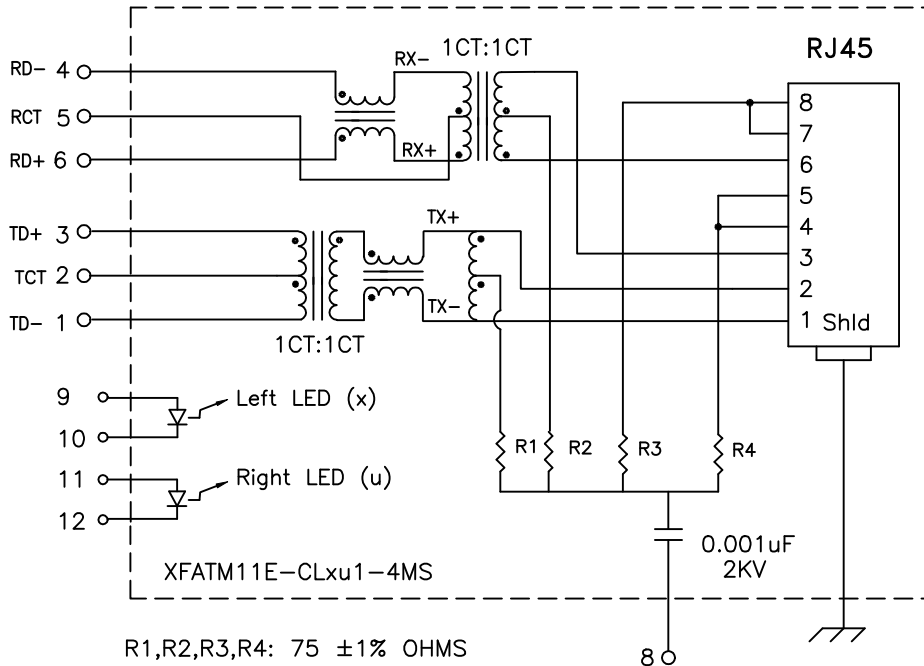


# Schematic:



## Electrical Specifications: @25°C

UTP Impedance: 100 OHMS

Turns Ratio: TX : 1CT:1CT (±2%) RX : 1CT:1CT (±2%)

Isolation Voltage: 1500 VAC (Input to Output)

UTP Side OCL: 350uH Minimum @100KHz, 100mV 8mADC

Insertion Loss (0.1MHz-100MHz): -1.0dB Maximum

Return Loss: 1MHz-30MHz 40MHz 50MHz 60MHz-80MHz  
-18dB Typ -16dB Typ -14dB Typ -12dB Typ

CMRR: 30MHz 60MHz 100MHz  
-35dB Min -30dB Min -25dB Min

Crosstalk: 30MHz 60MHz 100MHz  
-50dB Min -40dB Min -35dB Min

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

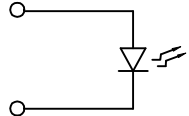
N=Yellow(1)/Green(2) Bicolor

M=Green(1)/Yellow(2) Bicolor

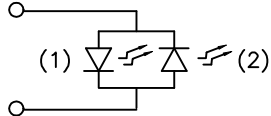
'x' = Left LED Color

'u' = Right LED Color

Single Color LED:



Bi-Color LED:



Notes:

1. Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Temperature rating: 155°C. UL file E151556
5. Operating Temperature Range: 0°C to +70°C
6. IR Reflow Compatible

**XFMRs Inc.**

Title: **SINGLE PORT COMBO**

UNLESS OTHERWISE SPECIFIED

TOLERANCES:

.xxx ±0.010

Dimensions in Inch

SHEET 1 OF 2

P/N: XFATM11E-CLxu1-4MS

REV. A

DWN.

廖玉坤

Jun-18-03

CHK.

李清儿

Jun-18-03

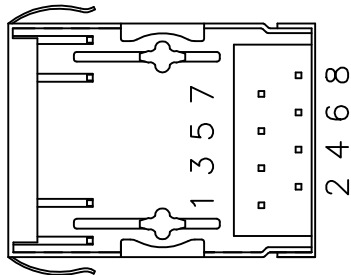
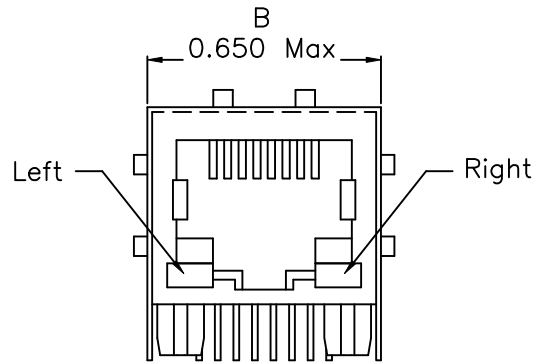
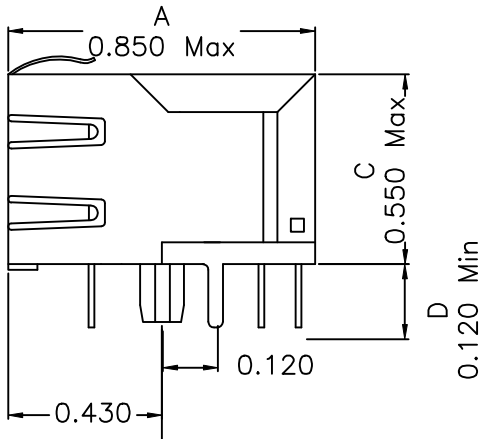
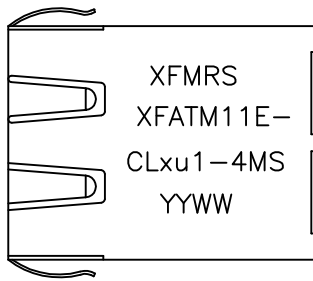
APP.

BW

Jun-18-03

DOC. REV: A/2

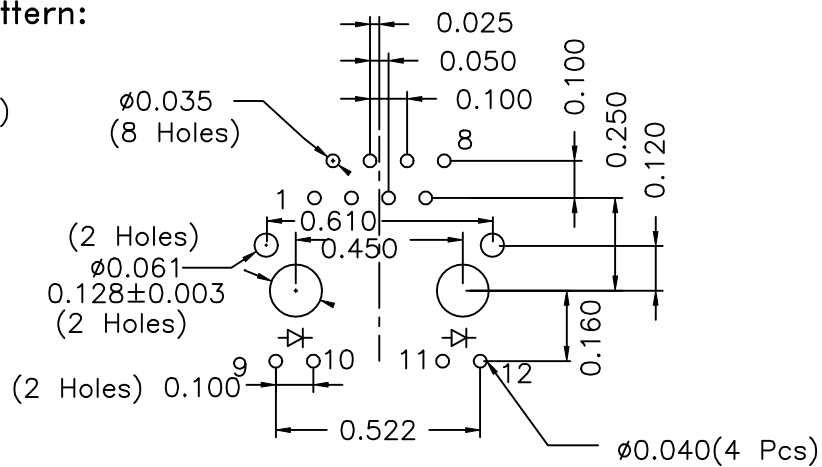
Mechanical Dimensions:



(BOTTOM VIEW)

Mounting Pattern:

(COMP SIDE)



|                                                                                |                         |                                                      |           |
|--------------------------------------------------------------------------------|-------------------------|------------------------------------------------------|-----------|
| XFMRS Inc.                                                                     |                         | Title: Mechanical Dimensions<br>For CLxu1-4MS Series |           |
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES:<br>.xxx ±0.010<br>Dimensions in Inch | P/N: XFATM11E-CLxu1-4MS | REV. A                                               |           |
|                                                                                | DWN.                    | 李小锋                                                  | Jun-18-03 |
|                                                                                | CHK.                    | 廖玉坤                                                  | Jun-18-03 |
|                                                                                | APP.                    | BW                                                   | Jun-18-03 |