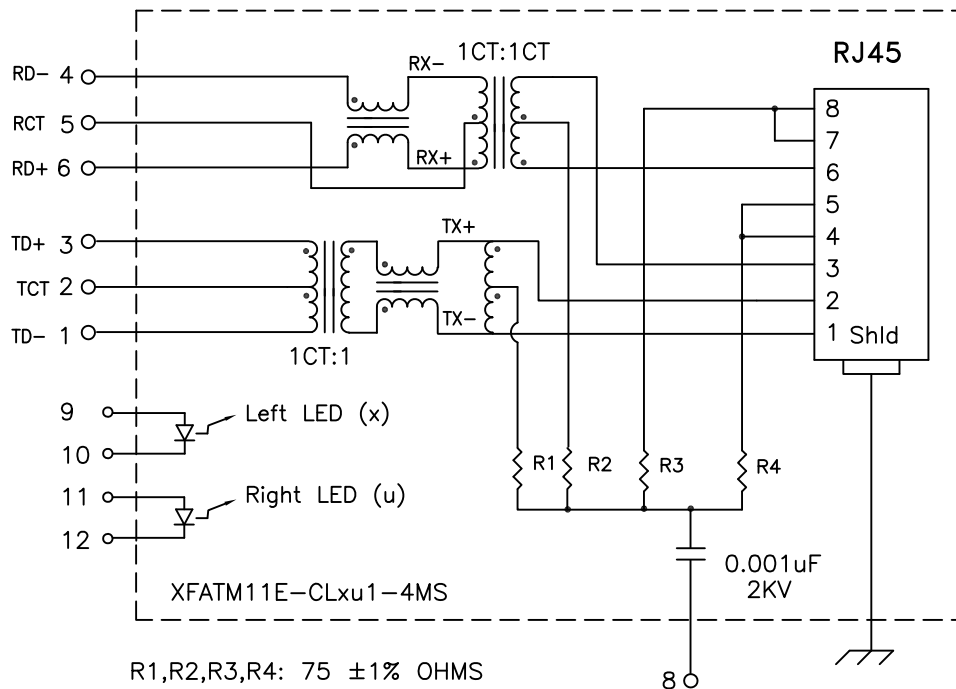


Schematic:



Electrical Specifications: @25°C

UTP Impedance: 100 OHMS

Turns Ratio: TX : 1CT:1 (±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

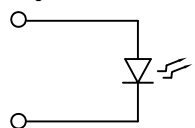
Q: 5 Min @100KHz 0.1V

Complete the Combo P/N as follows:

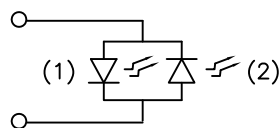
Replace 'x' & 'u' in the part number with one of the LED color letters:

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-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- UL Recognized Component: File Number E165866
- 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

XFMRs Inc.
 www.XFMRs.com

Title: **SINGLE PORT COMBO**

UNLESS OTHERWISE SPECIFIED
 TOLERANCES:
 .xxx ±0.010

P/N: XFATM11E-CLxu1-4MS

REV. A

Dimensions in Inch

DWN. Yuan Mar-19-13

SHEET 1 OF 2

CHK. YK Liao Mar-19-13

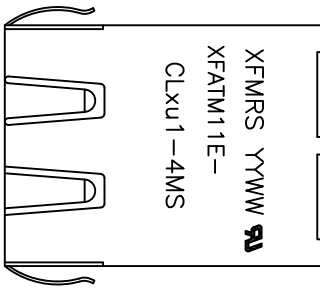
APP. BSJ Mar-19-13

DOC. REV: A/5

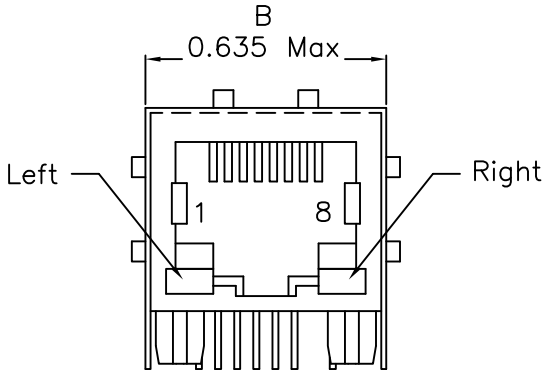
PROPRIETARY:

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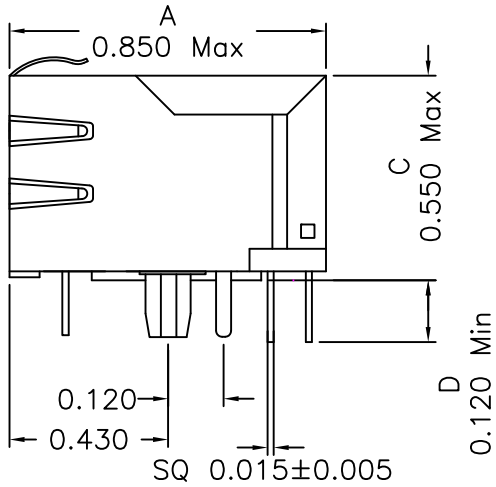
Mechanical Dimensions:



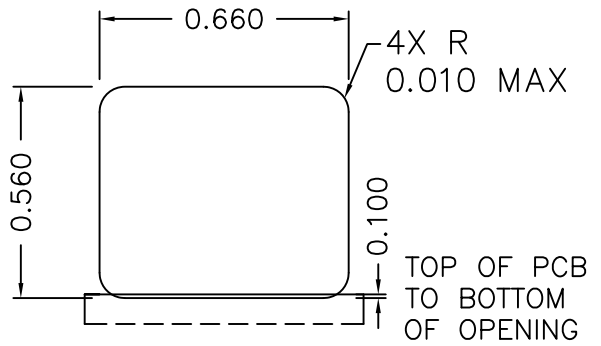
(TOP VIEW)



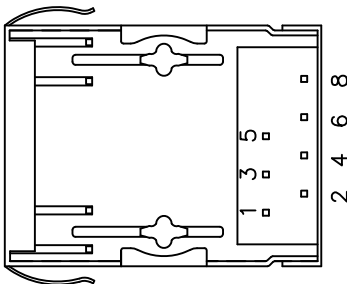
(FRONT VIEW)



(SIDE VIEW)



SUGGESTED PANEL CUTOUT DIMENSIONS

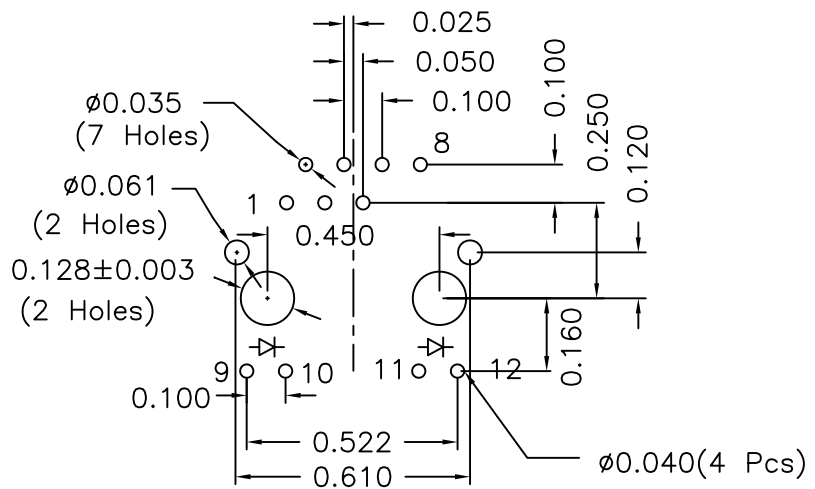


(BOTTOM VIEW)

Mounting Pattern:

(COMP SIDE)

***Remove PIN#7



DOC REV: A/5

XFMR5 Inc.

Title: Mechanical Dimensions
For CLxu1-4MS Series

UNLESS OTHERWISE SPECIFIED

P/N: XFATM11E-CLxu1-4MS

REV. A

TOLERANCES:

DWN.

Yuan

Mar-19-13

.xxx ±0.010

CHK.

YK Liao

Mar-19-13

Dimensions in Inch

APP.

BSJ

Mar-19-13

SHEET 2 OF 2

PROPRIETARY:

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