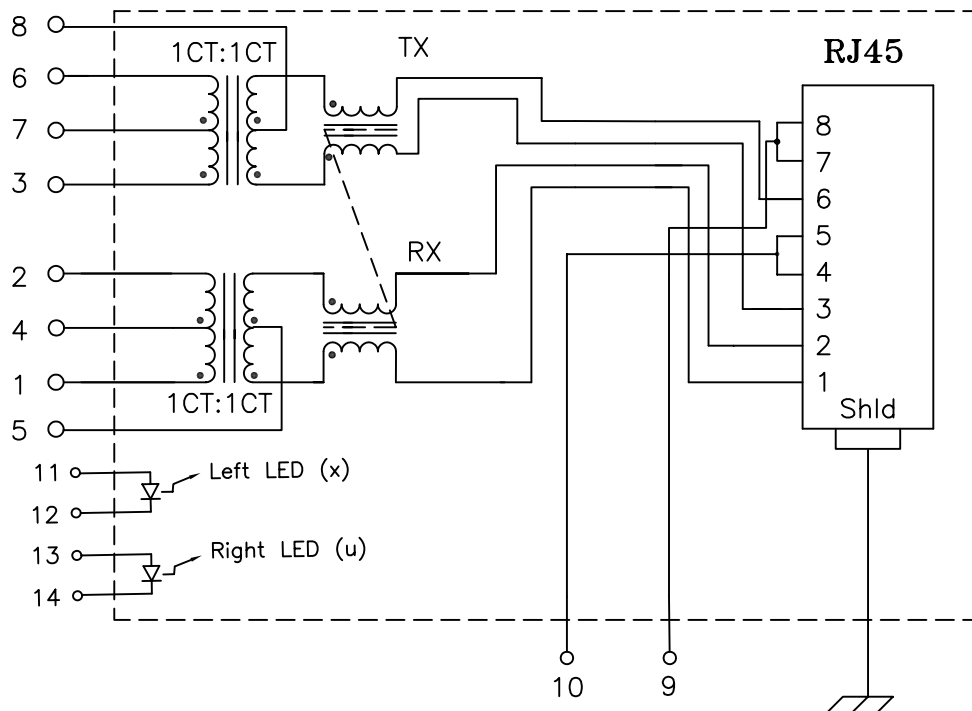


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 2250 Vdc (Input to Output)
 Isolation Voltage: 500 Vrms (P1+2+4 to P3+6+7)
 Isolation Voltage: 500 Vrms (P9+10 to J1+3 & P8)
 Isolation Voltage: 500 Vrms (P9 to P10)
 Turns Ratio: TX 1CT:1CT $\pm 3\%$ RX 1CT:1CT $\pm 3\%$
 Q: 16 Min @100KHz 0.1V
 Insertion Loss: -1.2dB Max @1-100 MHz
 Return Loss: 1-30MHz 40MHz 50MHz 60-80MHz
 -16dB -14dB -13dB -12dB (Min)

Differential to Common Mode Rejection:

	30MHz	60MHz	100MHz
	-50dB	-43dB	-35dB (Min)
Cross Talk: 30MHz	-43dB	-37dB	-33dB (Min)

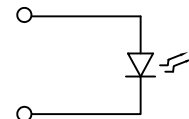
DC Current: 350mA through the xfmr center taps.
 DC Current: 1.5A/pin, J4,5,7&8.

Complete the Combo P/N as follows:

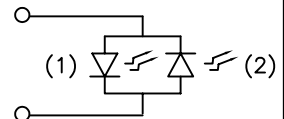
Replace 'x' & 'u' in the part number with one of the LED color letters:

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
 C=Green(1)/Amber(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 E200238
- 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/16

PROPRIETARY:

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XFMRs Inc.
 www.XFMRs.com

Title: **SINGLE PORT COMBO**

UNLESS OTHERWISE SPECIFIED

P/N: XFVOIP5E-CLxu1-4MS REV. A

TOLERANCES:

DWN.

Mei Chen

Sep-07-10

.xxx ± 0.010

CHK.

YK Liao

Sep-07-10

Dimensions in Inch

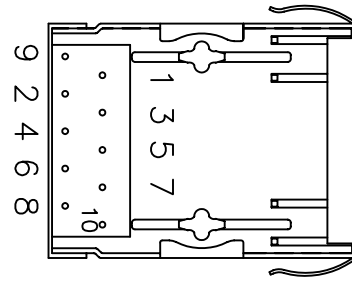
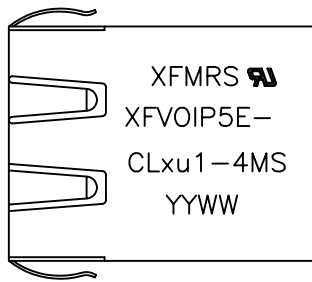
APP.

BW

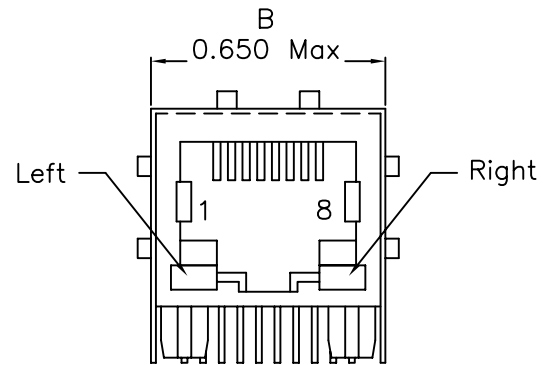
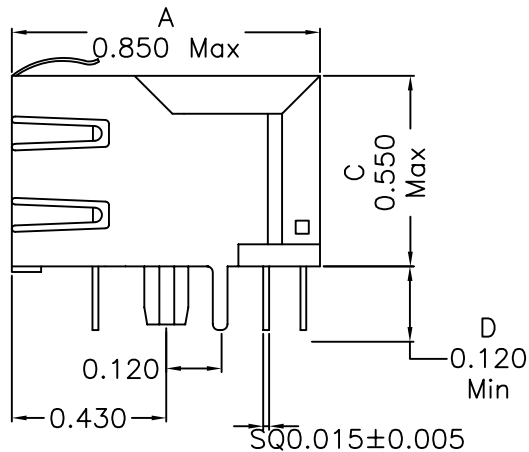
Sep-07-10

SHEET 1 OF 2

Mechanical Dimensions:

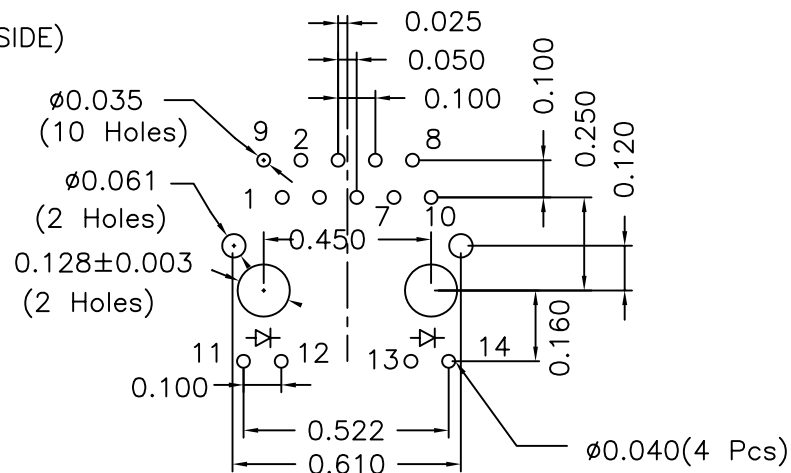


(BOTTOM VIEW)



Mounting Pattern:

(COMP SIDE)



XFMRS Inc.
 www.XFMRS.com

Title: Mechanical Dimensions
 For CLxu1-4MS Series

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

P/N: XFVOIP5E-CLxu1-4MS

REV. A

DWN.

Mei Chen

Sep-07-10

CHK.

YK Liao

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SHEET 2 OF 2

APP.

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