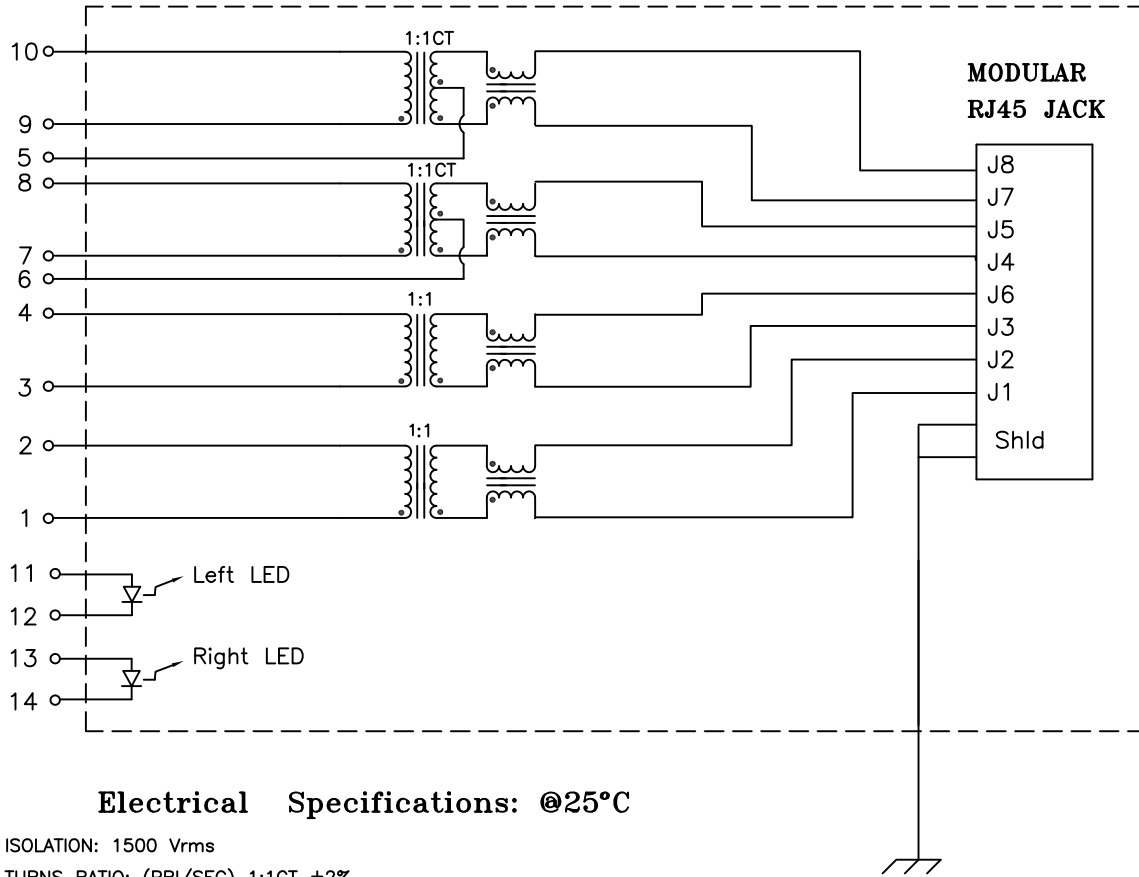


Schematic: (SINGLE PORT)

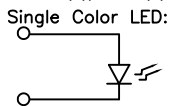


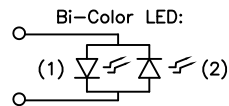
Electrical Specifications: @25°C

ISOLATION: 1500 Vrms
 TURNS RATIO: (PRI/SEC) 1:1CT ±2%
 OCL: 350uH MIN @100KHz 100mV 8mADC
 DCR: P5-J7 and P5-J8 mismatch, 3% Max
 DCR: P6-J4 and P6-J5 mismatch, 3% Max
 Rise Time: 1.75ns Max.
 INSERTION LOSS: -1.0dB MAX @1MHz-100MHz
 RETURN LOSS:
 -18dB Min @1-30MHz -15dB Min @30-40MHz
 -13dB Min @40-50MHz -10dB Min @50-100MHz
 Common Mode Rejection:
 -43dB Min @1-30MHz -37dB Min @30-60MHz
 -33dB Min @60-125MHz
 Crosstalk: -45dB Min @0.3-30MHz
 -43dB Min @30-60MHz -42dB Min @60-100MHz
 Balanced DC Line Current: 600mA Max @57Vdc continuous Pins 5 + 6
 750mA Max @57Vdc for 200milliseconds Pins 5 + 6
 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
 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
 E=Red(1)/Yellow(2) Bicolor
 F=Yellow(1)/Red(2) Bicolor
 H=Amber(1)/Yellow(2) Bicolor
 J=Green(1)/Green(2) Bicolor

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. UL Recognized Component: File Number E165866
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
10. Contact Plating: 30Inches of Gold

DOC REV.: A/2

PROPRIETARY:

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XFMRs Inc.
 www.XFMRs.com

Title: SINGLE PORT COMBO

UNLESS OTHERWISE SPECIFIED

P/N: XFGIB100APOL-CLxu1-4MS

REV. A

TOLERANCES:
 .xxx ±0.010

DWN.

Yuan

Jan-16-13

Dimensions in Inch

CHK.

YK Liao

Jan-16-13

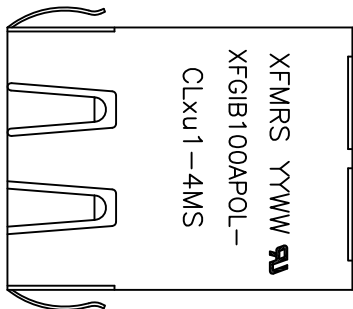
SHEET 1 OF 2

APP.

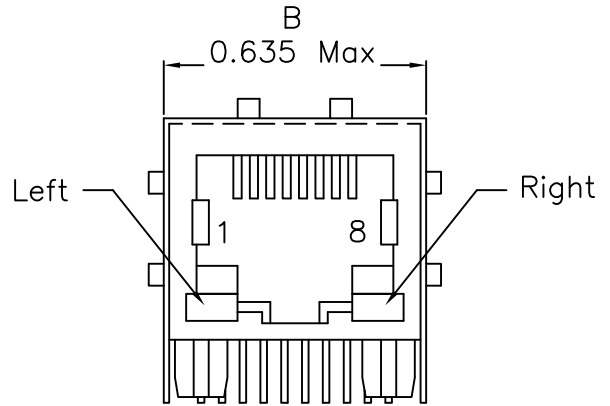
BW

Jan-16-13

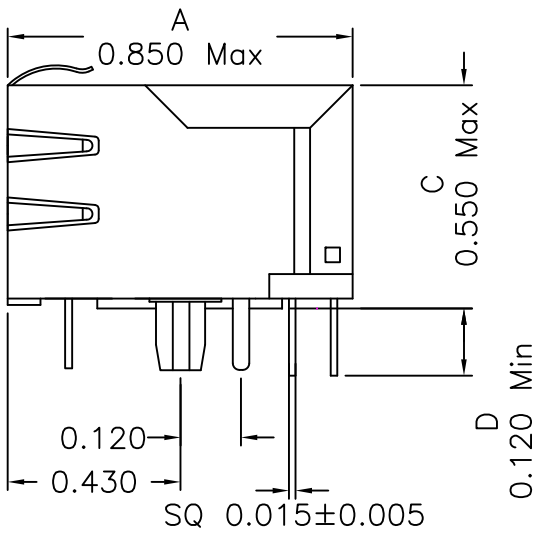
Mechanical Dimensions:



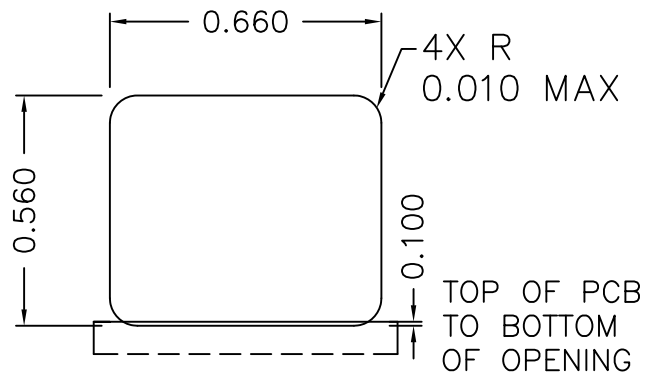
(TOP VIEW)



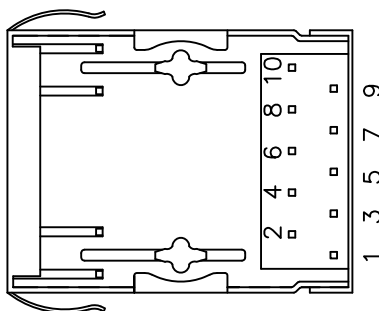
(FRONT VIEW)



(SIDE VIEW)



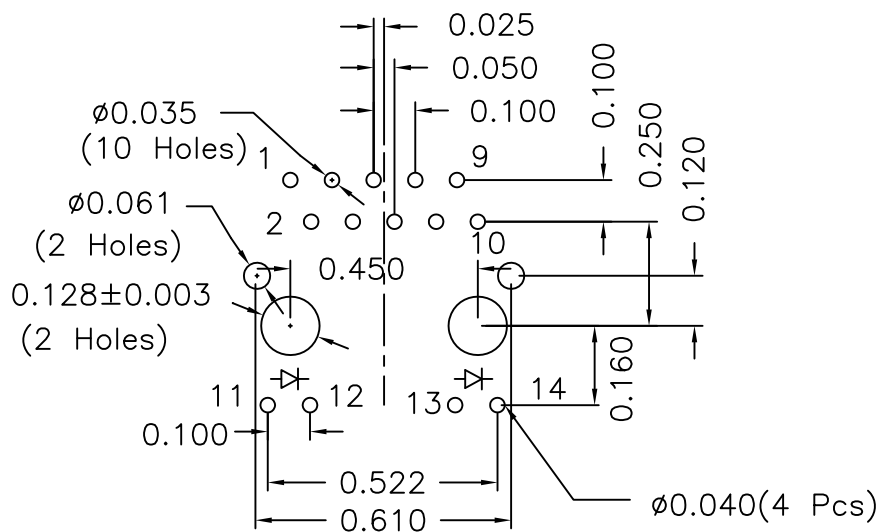
SUGGESTED PANEL CUTOUT DIMENSIONS



(BOTTOM VIEW)

Mounting Pattern:

(COMP SIDE)



DOC REV: A/2

PROPRIETARY:

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| | | | |
|---|---|---------|-----------|
| XFMRS Inc. | Title: Mechanical Dimensions For CLXu1-4MS Series | | |
| UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch | P/N: XFGIB100APOL-CLXu1-4MS | | REV. A |
| | DWN. | Yuan | Jan-16-13 |
| | CHK. | YK Liao | Jan-16-13 |
| SHEET 2 OF 2 | APP. | BW | Jan-16-13 |