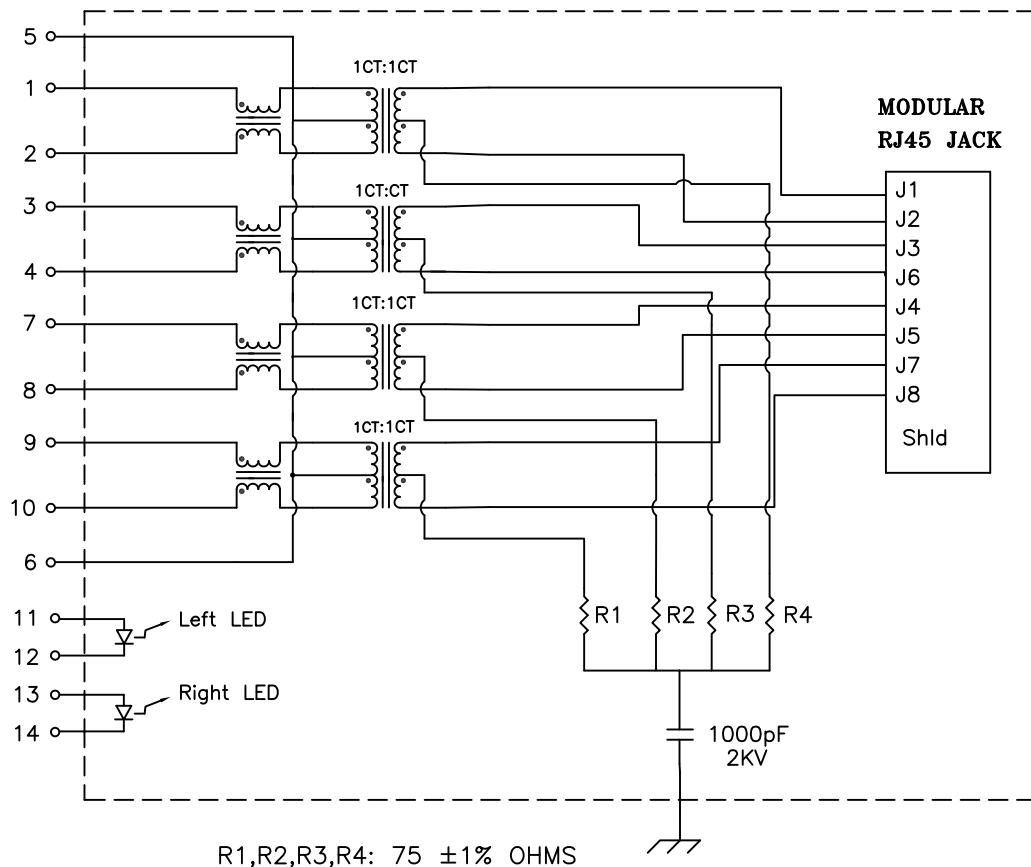


Schematic:



Electrical Specifications: @25°C

ISOLATION: 1500 Vrms

URNS RATIO: (PRI/SEC) 1CT:1CT $\pm 2\%$

OCL: 350uH MIN @100KHz 100mV 8mADC

Rise Time: 1.75ns Max.

INSERTION LOSS: $-1.0\text{dB MAX @}1\text{MHz}-100\text{MHz}$
 $-1.50\text{dB MAX @}100\text{MHz}-125\text{MHz}$

RETURN LOSS: $-18\text{dB Typ @}1\text{MHz}-40\text{MHz}$
 $-12\text{dB Typ @}40\text{MHz}-100\text{MHz}$

Common to Differential Mode Rejection:
 $-35\text{dB Min @}100\text{KHz}-100\text{MHz}$

CMRR: $-30\text{dB Min @}100\text{KHz}-100\text{MHz}$

Crosstalk: $-33\text{dB Min @}30\text{MHz}$

Q: 5 MIN @100KHz 100mV

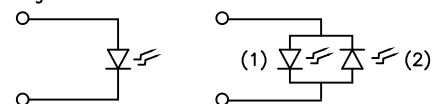
Complete the Combo P/N as follows:

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

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

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

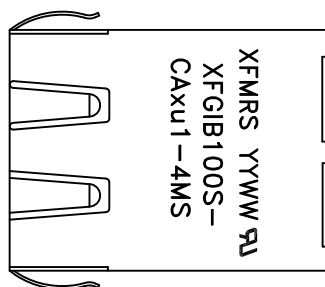
DOC. REV: A/2

PROPRIETARY:

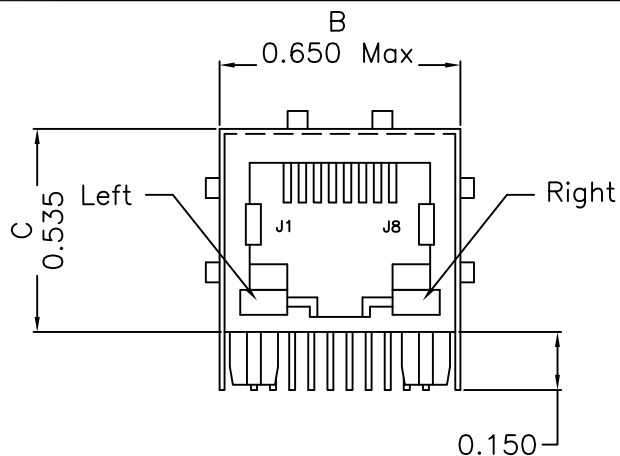
Document is the property of XFMRS Group & is not allowed to be duplicated without authorization.

XFMRS Inc. UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch SHEET 1 OF 2	Title: SINGLE PORT Gigabit COMBO		
	P/N: XFGIB100S—CAxu1—4MS		REV. A
	DWN.	Yuan	Jun-11-14
	CHK.	YK Liao	Jun-11-14
	APP.	DDC	Jun-11-14

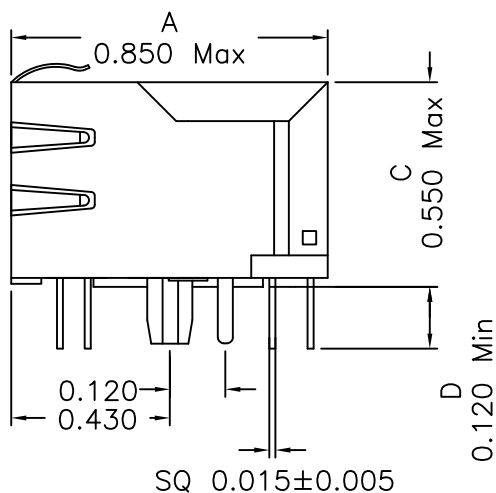
Mechanical Dimensions:



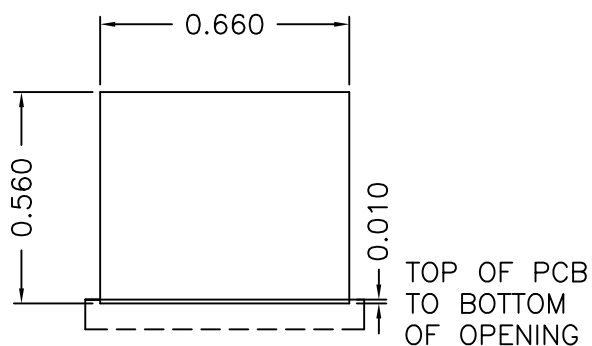
(TOP VIEW)



(FRONT VIEW)

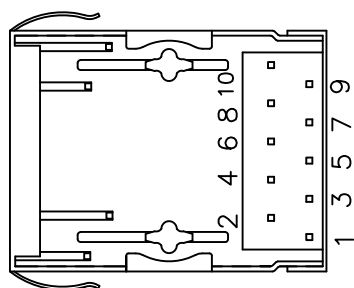


(SIDE VIEW)

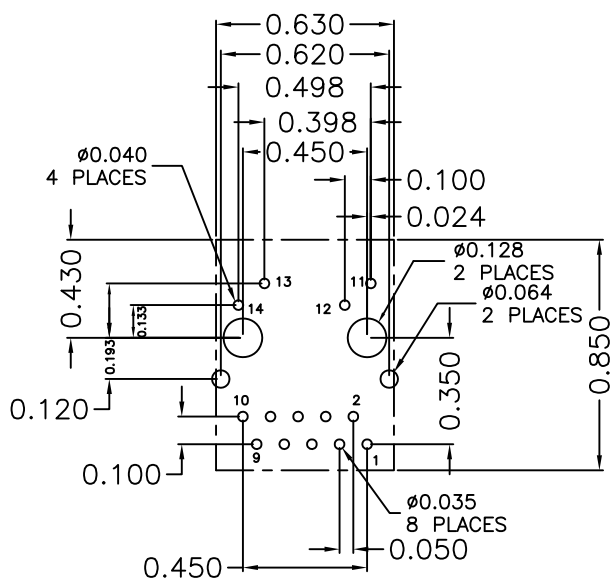


SUGGESTED PANEL CUTOUT DIMENSIONS

Mounting Pattern:



(BOTTOM VIEW)



DOC. REV: A/2

PROPRIETARY:

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XFMRS Inc. www.XFMRS.com		Title: Mechanical Dimensions For CAxu1-4MS Series	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFGIB100S-CAxu1-4MS		REV. A
	DWN.	Yuan	Jun-11-14
	CHK.	YK Liao	Jun-11-14
SHEET 2 OF 2	APP.	DDC	Jun-11-14