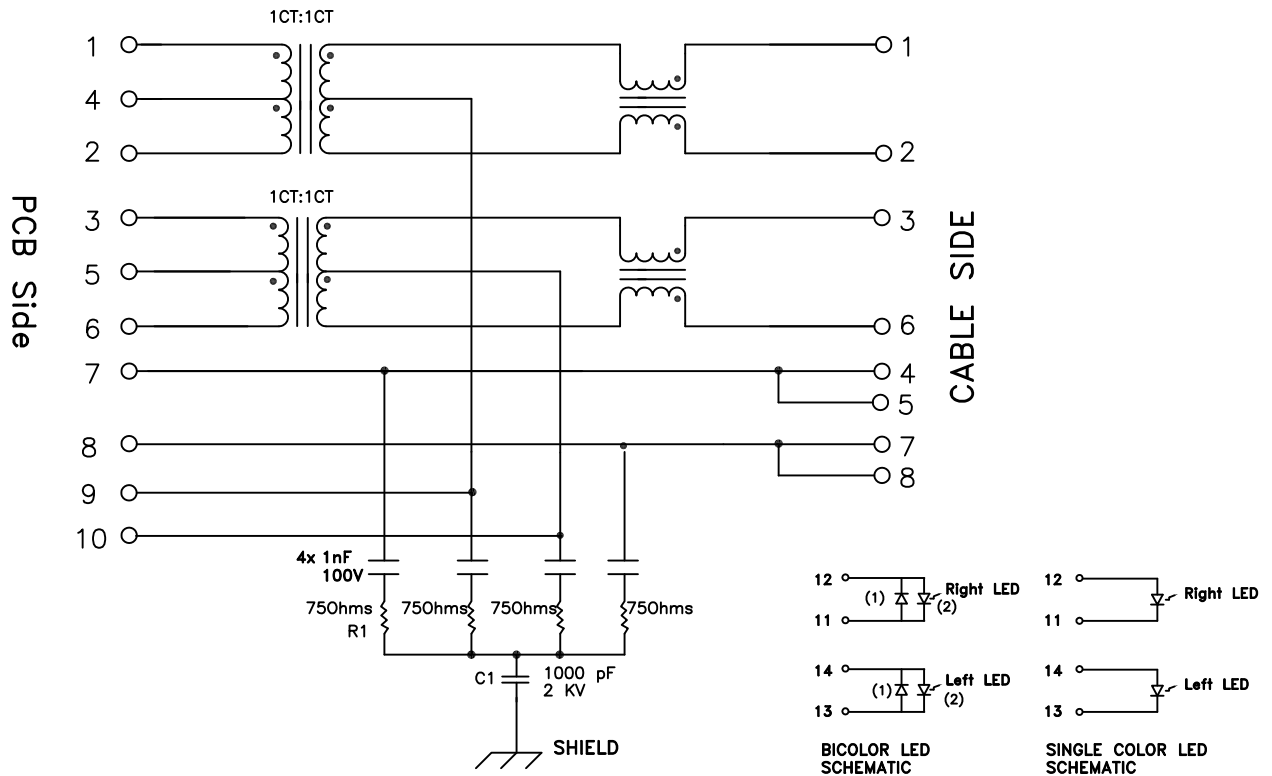


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500 Vac (Input to Output), 1Min

Turns Ratio: TX 1CT:1CT $\pm 5\%$ RX 1CT:1CT $\pm 5\%$

Q: 5 Min @100KHz, 100mV

Insertion Loss(TX/RX): -1.15dB Max @1-100MHz

Return Loss:	1-10MHz	10-30MHz	30-60MHz	60-80MHz
	-20dB Typ	-16dB Typ	-12dB Typ	-10dB Typ

Crosstalk:	1-30MHz	30-60MHz	60-100MHz
	-40dB Typ	-35dB Typ	-30dB Typ

Common Mode Rejection:	1-50MHz	50-150MHz
	-30dB Typ	-20dB Typ

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

Rated Current: P7,8,9,10 350mA Max @57Vdc Continuous

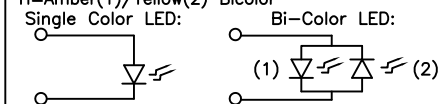
Rated Current: P7,8,9,10 500mA Max @57Vdc 200mS

Complete the Combo P/N as follows:

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

LED Color	Letter
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	
E=Red(1)/Yellow(2) Bicolor	
F=Yellow(1)/Red(2) Bicolor	
H=Amber(1)/Yellow(2) Bicolor	

'x' = Left LED Color
'u' = Right LED Color



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: -25°C to +125°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

XFMRs Inc.
www.XFMRs.com

Title: **SINGLE PORT POE COMBO**

UNLESS OTHERWISE SPECIFIED

P/N: XFPOEP5-CTxu1-4M

REV. B

TOLERANCES:

.xxx ± 0.010

Dimensions in Inch

DWN.

Xiang

Mar-31-16

CHK.

YK Liao

Mar-31-16

SHEET 1 OF 2

APP.

BSJ

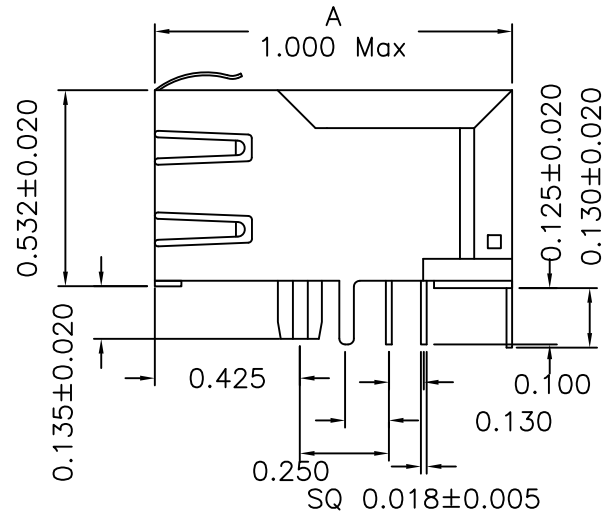
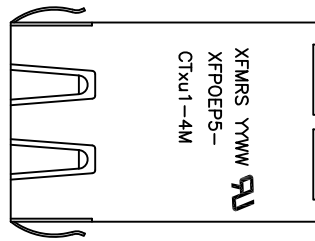
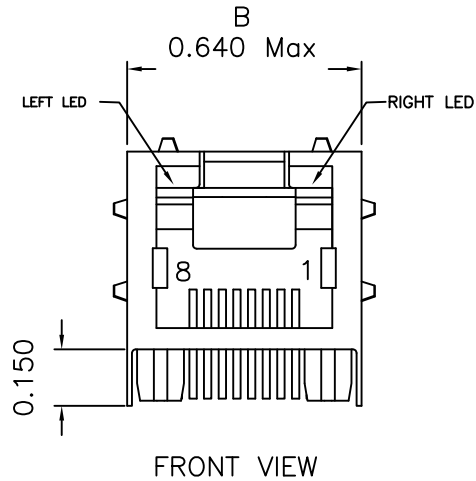
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PROPRIETARY:

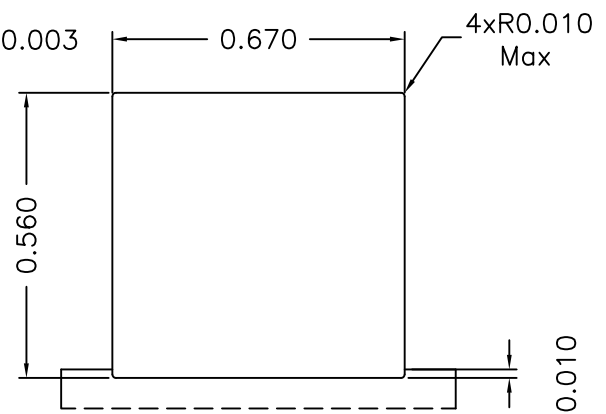
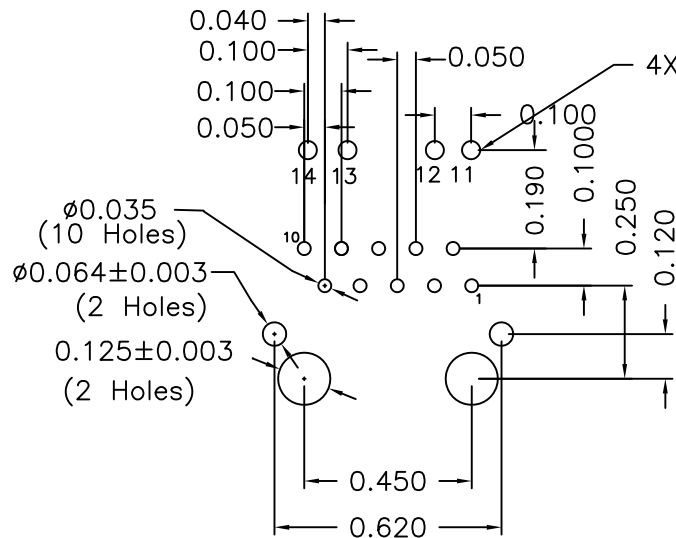
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DOC. REV: B/1

Mechanical Dimensions:



Mounting Pattern:



RECOMMENDED PANEL CUTOUT

DOC REV: B/1

PROPRIETARY:

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UNLESS OTHERWISE SPECIFIED

TOLERANCES:
.xxx ±0.010
Dimensions in Inch

SHEET 2 OF 2

Title: Mechanical Dimensions
For TAB UB RJ45 COMBO

P/N: XFPOEP5-CTxu1-4M

REV. B

DWN.

Xiang

Mar-31-16

CHK.

YK Liao

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