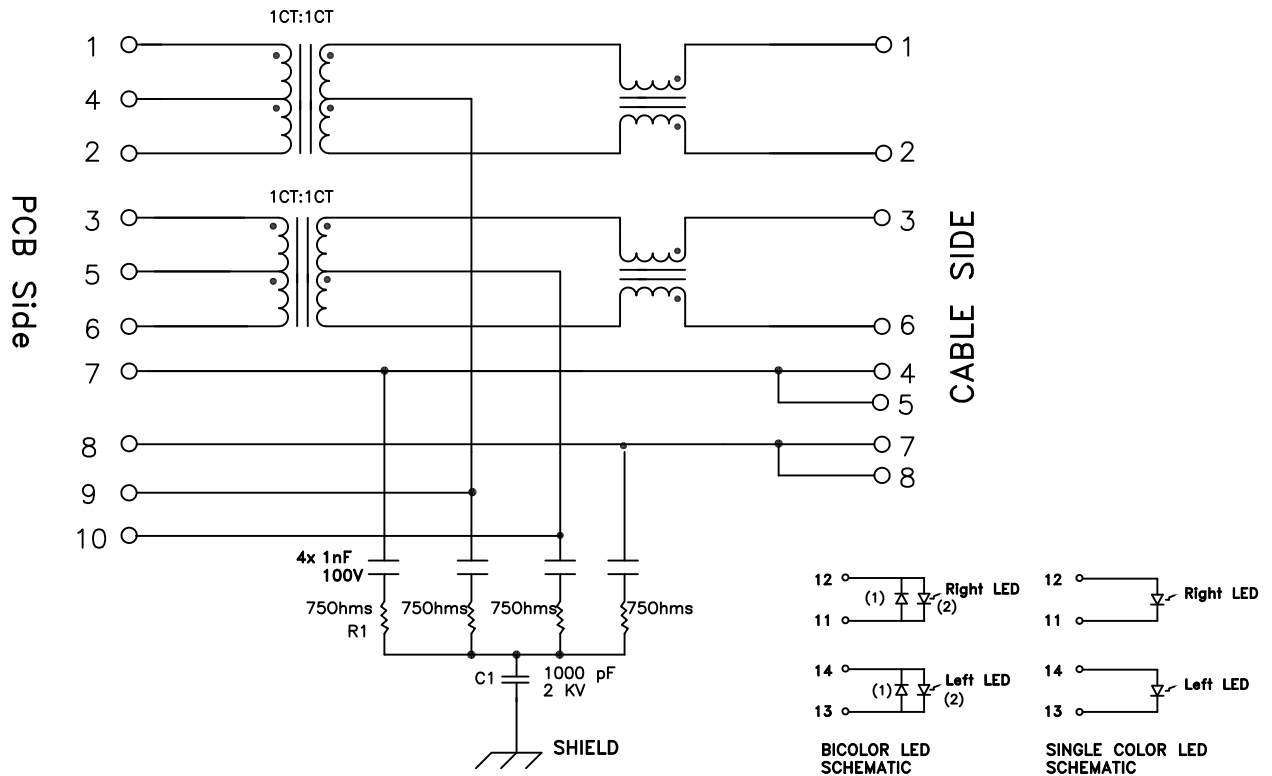


Schematic:



Electrical Specifications: @25°C

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

Turns Ratio: TX 1CT:1CT ±5% RX 1CT:1CT ±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:

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

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

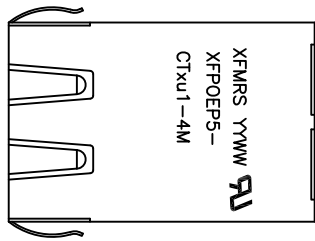
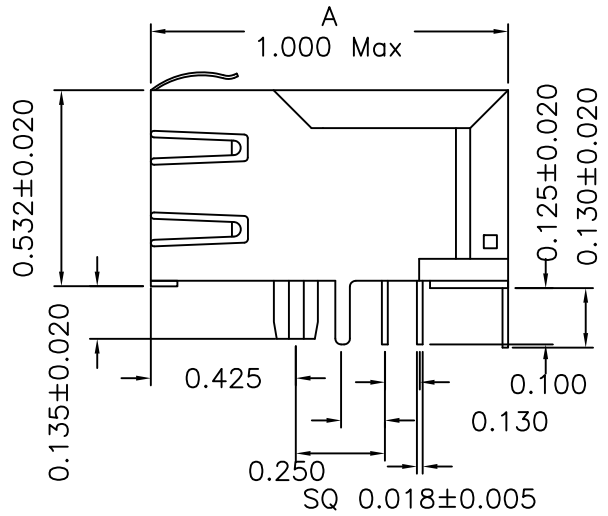
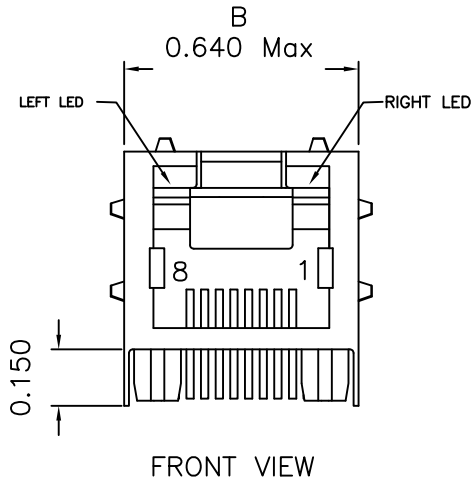
XFMRs Inc. www.XFMRs.com	Title: SINGLE PORT POE COMBO		
	UNLESS OTHERWISE SPECIFIED		REV. B
TOLERANCES: .xxx ±0.010	P/N: XFPOEP5-CTxu1-4M	DWN.	Mar-31-16
Dimensions in Inch	CHK.	Xiang	YK Liao
SHEET 1 OF 2	APP.	BSJ	Mar-31-16

PROPRIETARY:

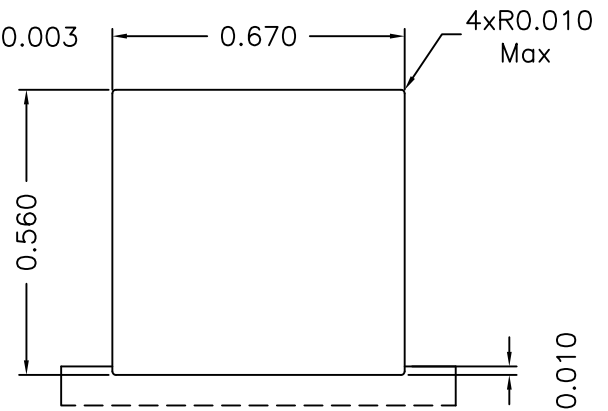
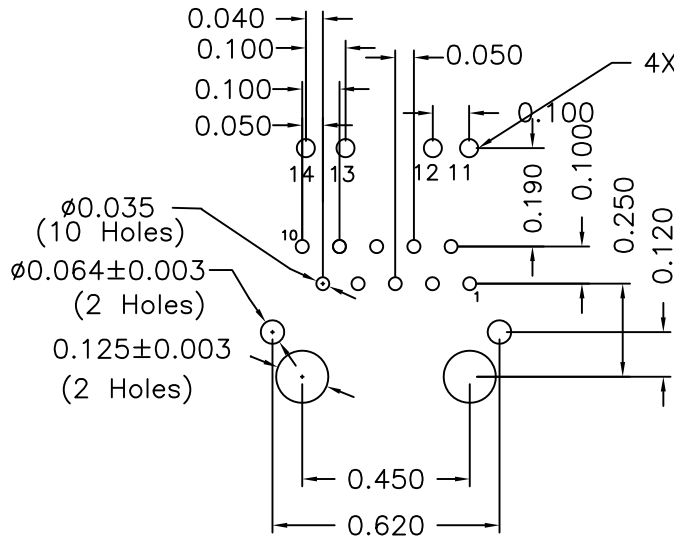
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DOC. REV: B/1

Mechanical Dimensions:



Mounting Pattern:



DOC REV: B/1

PROPRIETARY:

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XFMRS Inc. www.XFMRS.com		Title: Mechanical Dimensions For TAB UB RJ45 COMBO	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch		P/N: XFPOEP5-CTxu1-4M	REV. B
DWN.	Xiang	Mar-31-16	
CHK.	YK Liao	Mar-31-16	
SHEET 2 OF 2	APP.	BSJ	Mar-31-16