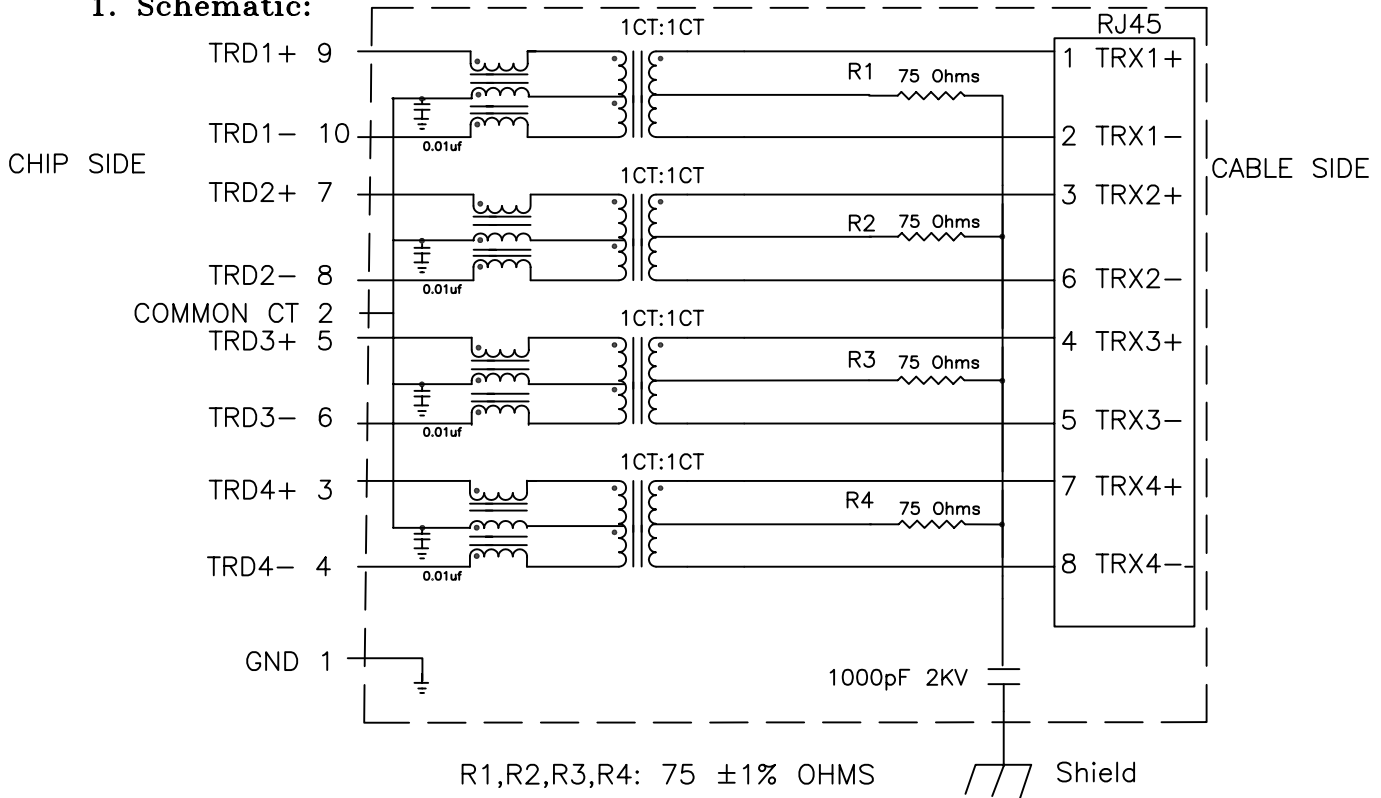


**1. Schematic:**



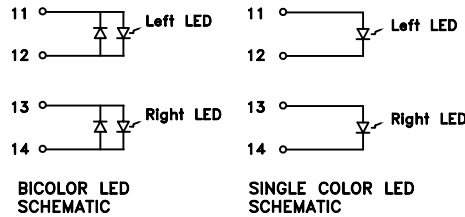
R1,R2,R3,R4: 75 ±1% OHMS Shield

**Electrical Specifications: @25°C**

- Isolation: 1500 Vrms
- Turns Ratio: (PRI/SEC) 1CT:1CT ±2%
- OCL: 400uH Min @100KHz 100mV 8mADC 25°C
- 350uH Min @100KHz 100mV 8mADC
- Q: 18 Min @100KHz 0.1V
- Insertion Loss: 1.0dB Max @100KHz-100MHz
- Return Loss: 18dB Min @1-40MHz
- 12 to 20lg(F/80)dB Min @40.1-100MHz
- DCMR: -40.2+(5.3\*(F/30))dB Max @1-29.9MHz
- 22-(14\*(lg(F/250)))dB Max @30-500MHz
- CMRR: -57+(38\*(F/270))dB Max @1-270MHz
- 17-(2\*(300-(F/30)))dB Max @270.1-300MHz
- 17dB Max @300.1-500MHz
- Crosstalk: -50.8+(8.8\*(F/10))dB Max @1-10MHz
- 26-(16.8\*(lg(F/100)))dB Max @10.1-100MHz

**Notes:**

1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
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



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  
 E=Red(1)/Yellow(2) Bicolor  
 F=Yellow(1)/Red(2) Bicolor  
 H=Amber(1)/Yellow(2) Bicolor  
 J=Green(1)/Green(2) Bicolor

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

Single Color LED:

Bi-Color LED:

**XFMRs Inc.**  
www.XFMRs.com

Title: "1" Tab Up Dual Port Combo

DOC. REV A/4

UNLESS OTHERWISE SPECIFIED TOLERANCES:

P/N: XFGIG8AB-CTGxu1-4MS | REV. A

.xxx ±0.010

DWN.	Xiany	Oct-22-09
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Dimensions in Inch

CHK.	YK Liao	Oct-22-09
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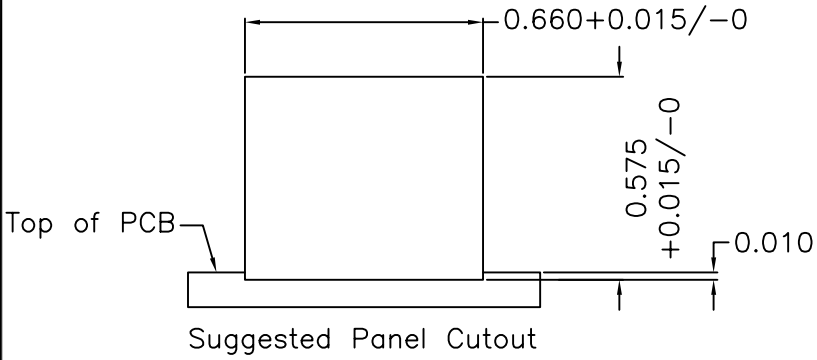
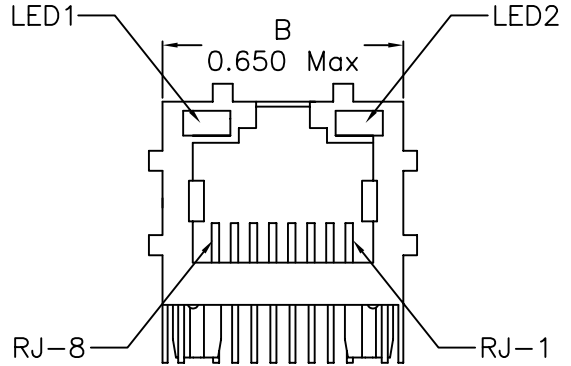
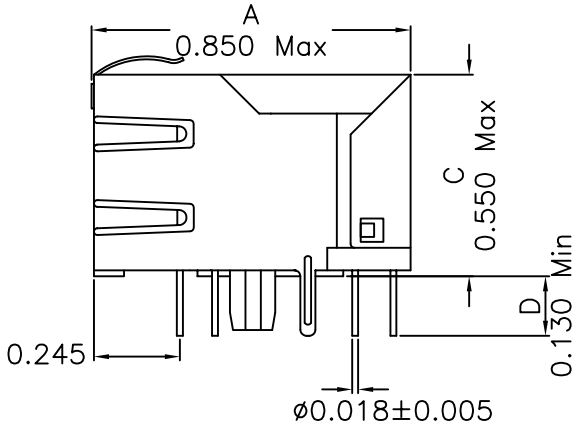
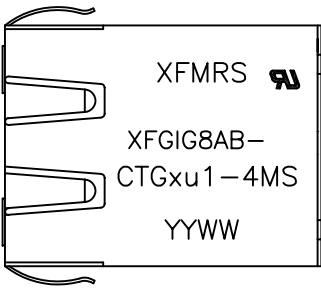
SHEET 1 OF 2

APP.	BW	Oct-22-09
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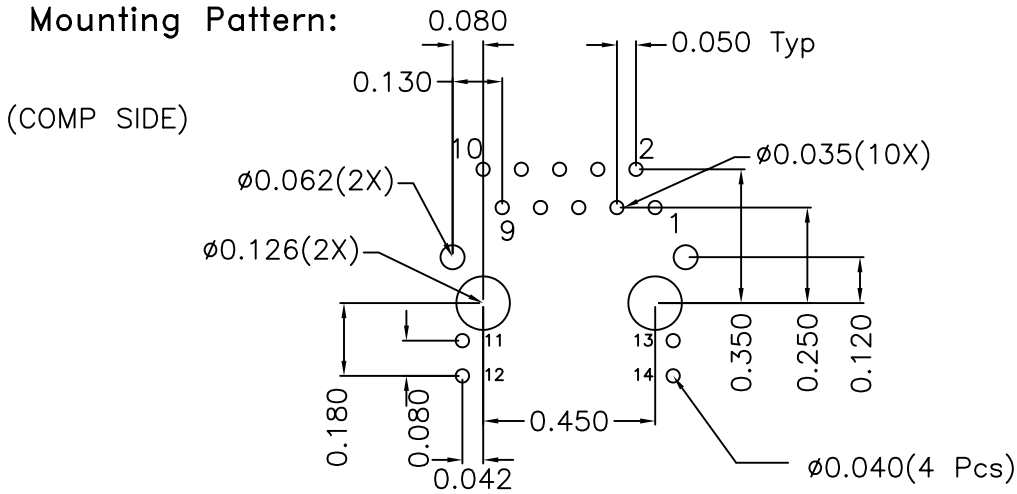
**PROPRIETARY**

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**Mechanical Dimensions:**



**Mounting Pattern:**



DOC REV: A/4

<b>XFMRS Inc.</b> www.XFMRS.com	Title: 0.85" Tab-UP Single part		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFGIG8AB-CTGxu1-4MS	REV. A
	DWN.	Xianyi	Nov-22-09
	CHK.	YK Liao	Nov-22-09
SHEET 2 OF 2	APP.	BW	Nov-22-09

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