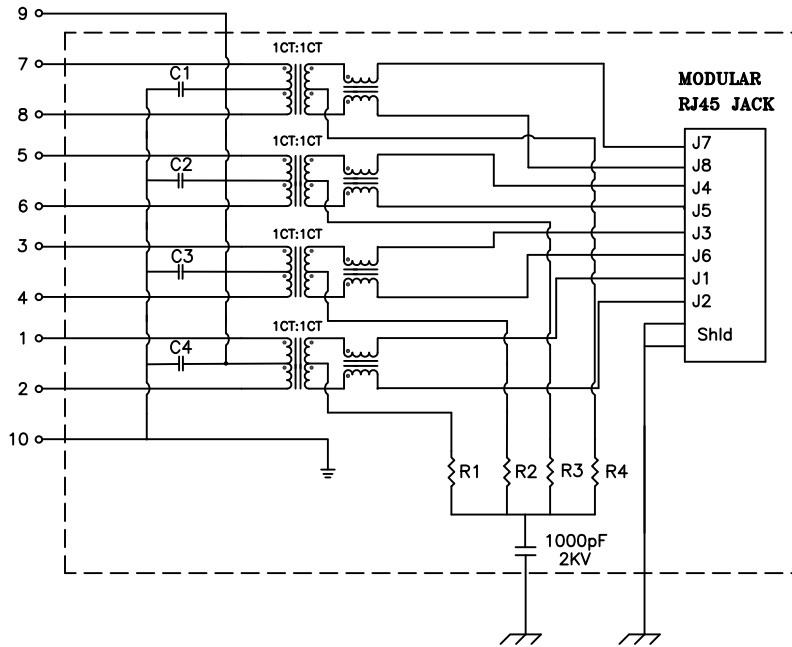


**Schematic(LOWER ROW&UPPER ROW):**



R1,R2,R3,R4: 75 ±1% OHMS C1,C2,C3,C4: 0.10uF

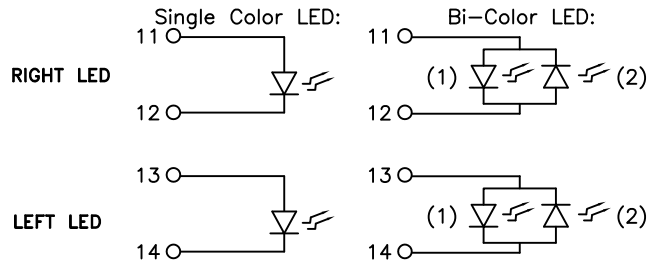
**Electrical Specifications: @25°C**

- ISOLATION: 1500 Vrms
- TURNS RATIO: (PRI/SEC) 1CT:1CT ±2%
- OCL: 350uH MIN @100KHz 100mV 8mADC
- Rise Time: 1.75ns Max.
- INSERTION LOSS: -1.0dB MAX @1-100MHz
- RETURN LOSS: -18dB Min @1-30MHz
- 16dB Min @30-60MHz
- 12dB Min @60-80MHz
- Differential to Common Mode Rejection:
  - 30dB Typ @1-50MHz
  - 20dB Typ @50-150MHz
- CMRR: -30dB Min @1-100MHz
- Crosstalk: -40dB Typ @1-30MHz
  - 35dB Typ @30-60MHz
  - 30dB Typ @60-80MHz
- Q: 5 Min @100KHz 100mV

**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/5



**LED SCHEMATIC**

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	

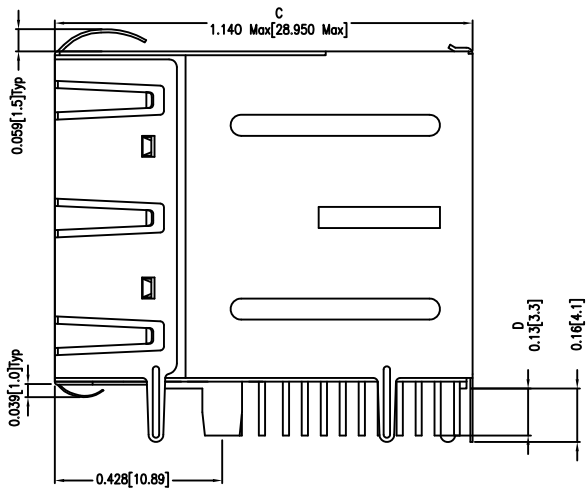
C=Green(1)/Amber(2) Bicolor  
 D=Amber(1)/Green(2) Bicolor  
 M=Green(1)/Yellow(2) Bicolor  
 N=Yellow(1)/Green(2) Bicolor  
 P=Red(1)/Green(2) Bicolor  
 Q=Green(1)/Red(2) Bicolor  
 E=Red(1)/Yellow(2) Bicolor  
 F=Yellow(1)/Red(2) Bicolor  
 H=Amber(1)/Yellow(2) Bicolor  
 J=Green(1)/Green(2) Bicolor

<b>XFMRs Inc.</b> www.XFMRS.com	Title: 2X2 Gigabit Stacked Combo with dual Rows LED			
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010	P/N: XFGIGH-STKVDxu4-4	REV. A	
Dimensions in Inch	DWN.	Yuan	May-03-14	
	CHK.	YK Liao	May-03-14	
SHEET 1 OF 2	APP.	Joe Huff	May-03-14	

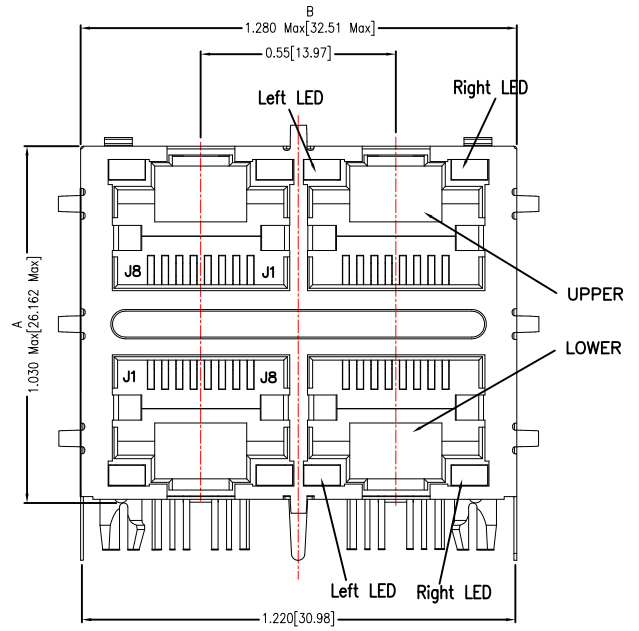
**PROPRIETARY:**

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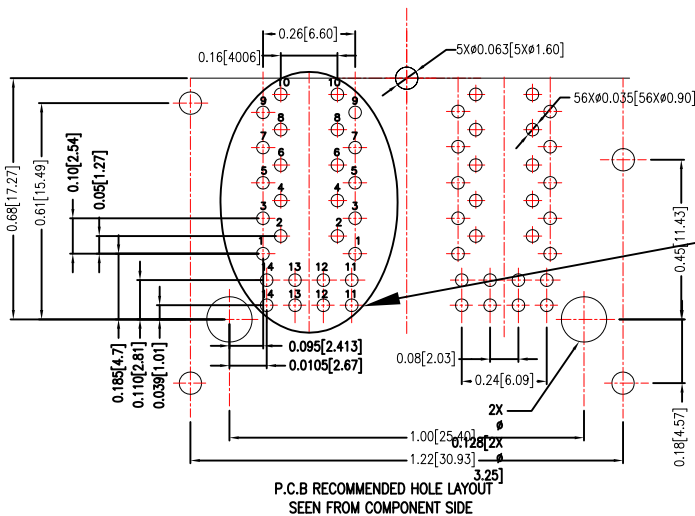
# Mechanical Dimensions:



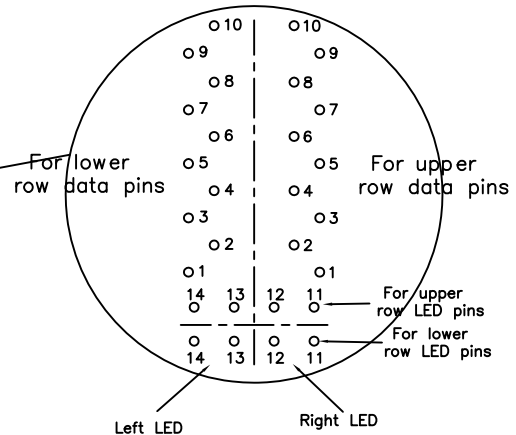
Side view



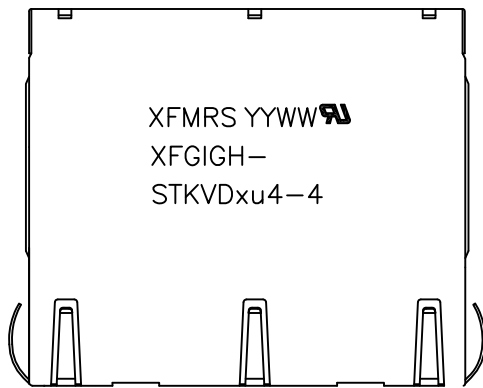
Front view



P.C.B RECOMMENDED HOLE LAYOUT  
SEEN FROM COMPONENT SIDE



Pin-out Assignment



Top view

DOC. REV: A/5

<b>XFMR5 Inc.</b> www.XFMR5.com		Title: Mechanical Dimensions For 2x2 Stacked COMBO with Vertical Dual lines Pins	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 [±0.25] Dimensions in Inch [mm]	P/N: XFGIGH-STKVDxu4-4		REV. A
	DWN.	Yuan	May-03-14
	CHK.	YK Liao	May-03-14
SHEET 2 OF 2	APP.	Joe Huff	May-03-14

**PROPRIETARY:**

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