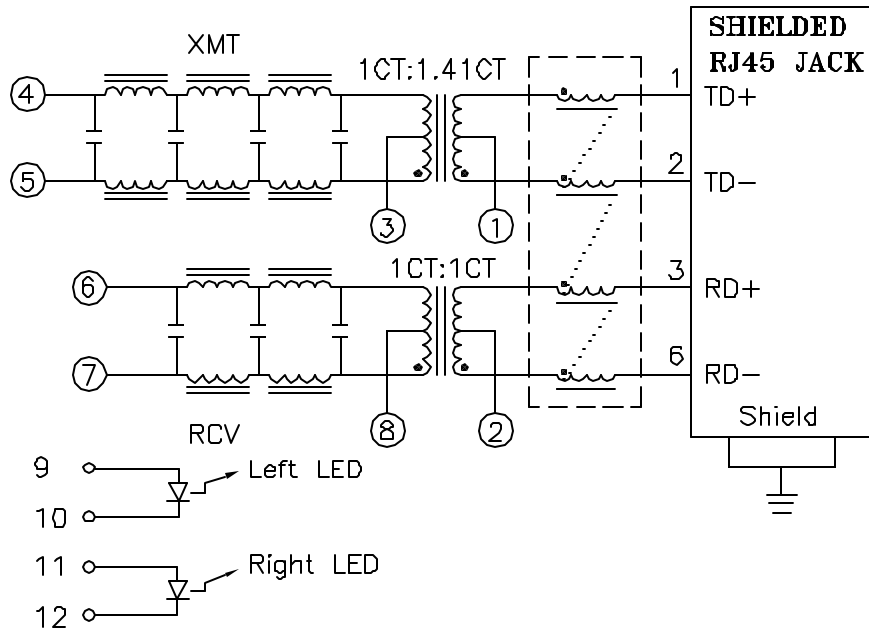


**Schematic:**



**Electrical Specifications: @25°C**

- ISOLATION: 1500 VRMS
- INSERTION LOSS (1-10MHz): -1dB Maximum
- ATTENUATION @30MHz:
  - TRANSMIT -30dB Minimum
  - RECEIVER -18dB Minimum
- RETURN LOSS (1-10MHz): -15dB Minimum
- CUTOFF FREQUENCY: 17MHz TYPICAL
- CROSSTALK (1-10MHz): -30dB Minimum
- I/O IMPEDANCE: 100:100 OHMS (RX)
- I/O IMPEDANCE: 50:100 OHMS (TX)

**Notes:**

1. Solderability: Leads shall meet MIL-STD-202, Method 208D 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. SMD Lead Coplanarity: ±0.004"(D.102mm)
9. Moisture Sensitivity: Level 2

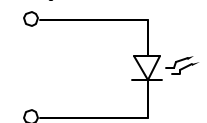
Complete the Combo P/N as follows:

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

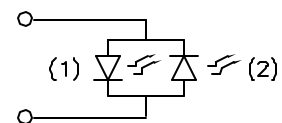
- Y=Yellow
- G=Green
- A=Amber
- R=Red
- 'x' = Left LED Color
- 'u' = Right LED Color

- 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:



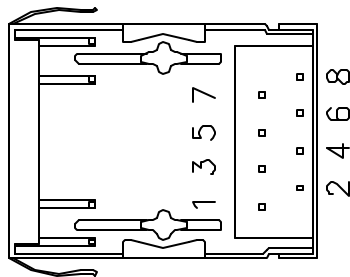
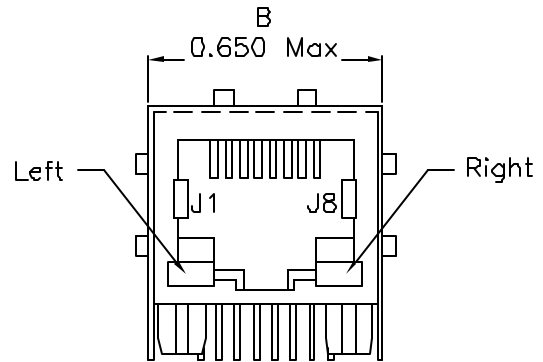
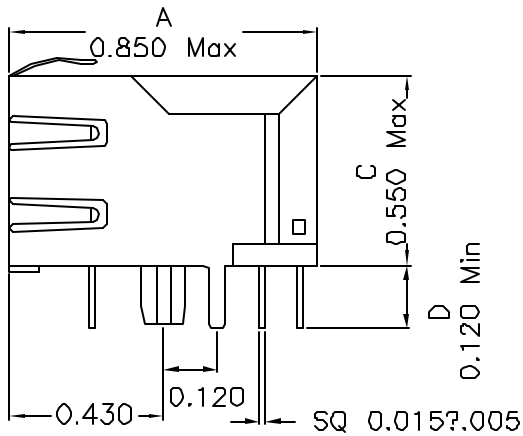
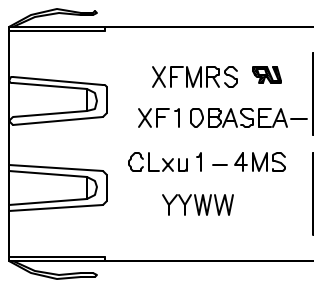
DOC REV: A/5

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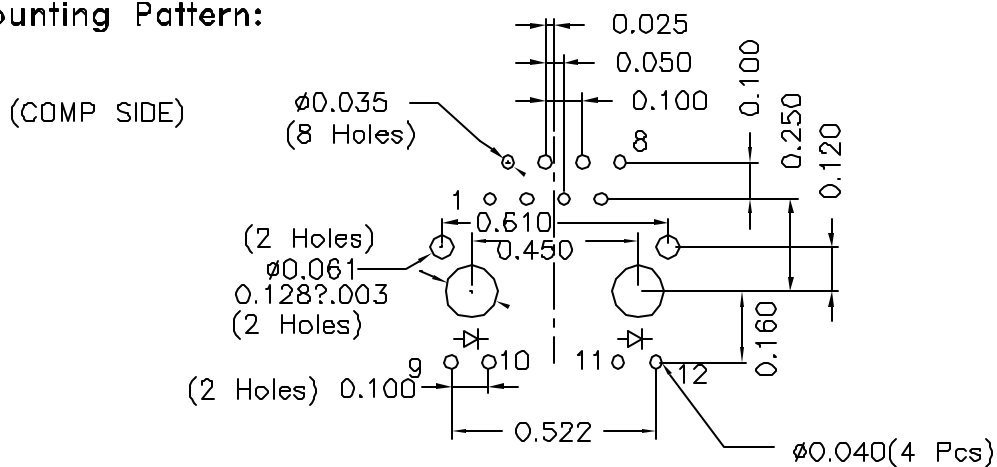
<b>XFMRs Inc.</b>	Title: <b>SINGLE PORT LED COMBO</b>		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XF10BASEA-CLxu1-4MS	REV. A
SHEET 1 OF 2	DWN.	Kang Chen	Sep-07-04
	CHK.	YK Liao	Sep-07-04
	APP.	J Ng	Sep-07-04

### Mechanical Dimensions:



(BOTTOM VIEW)

### Mounting Pattern:



DOC. REV: A/5

<b>XFMRS Inc.</b>	Title: Mechanical Dimensions For CLxu1-4MS Series		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XF10BASEA-CLxu1-4MS	REV. A
	DWN.	Kang Chen	Sep-07-04
	CHK.	YK Liao	Sep-07-04
SHEET 2 OF 2	APP.	J Ng	Sep-07-04

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