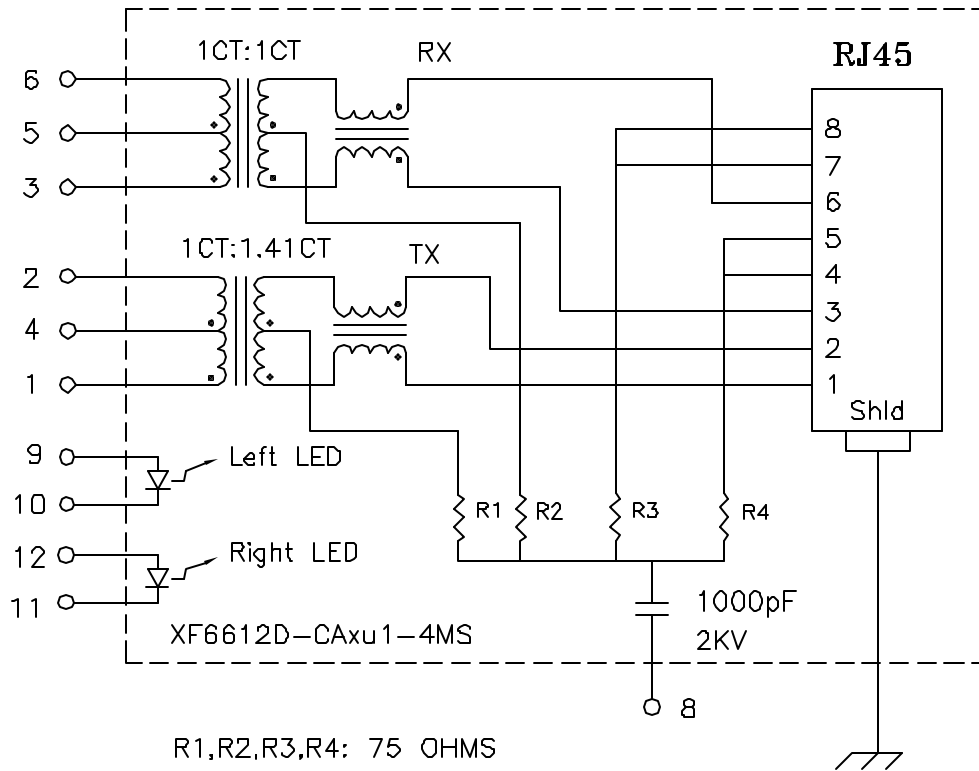


# Schematic:



## Electrical Specifications: @25°C

- Isolation Voltage: 1500 Vrms (Input to Output)
- Isolation Voltage: 500 Vrms (P1+4+2 to P3+5+6)
- Turns Ratio: RX 1CT:1 ±3% TX 1CT:1.41CT ±3%
- OCL P1-2: 350uH Minimum @100KHz 100mV 8mADC
- OCL P3-6: 350uH Minimum @100KHz 100mV 8mADC
- Leakage Inductance: P1-2, 0.3uH Max @100KHz Short J2 and J1
- Leakage Inductance: P3-6, 0.3uH Max @100KHz Short J3 and J6
- Cw/w: 30pF Max @100KHz 100mV
- Insertion Loss (300KHz-100MHz): -1.0dB Minimum
- Return Loss: @30MHz -20dB Minimum  
@80MHz -15dB Minimum

### Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

DOC. REV: A/3

# PROPRIETARY

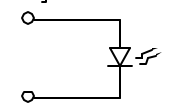
Document is the property of XFMRs Group & is not allowed to be duplicated without authorization.

Complete the Combo P/N as follows:

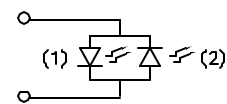
Replace 'x' & 'u' in the part number with one of the LED color letters:

Y=Yellow 'x' = Left LED Color  
 G=Green 'u' = Right LED Color  
 A=Amber  
 R=Red  
 C=Green(1)/Amber(2) Bicolor  
 Q=Amber(1)/Green(2) Bicolor  
 M=Green(1)/Yellow(2) Bicolor  
 N=Yellow(1)/Green(2) Bicolor  
 P=Red(1)/Green(2) Bicolor  
 O=Green(1)/Red(2) Bicolor

Single Color LED:



Bi-Color LED:



**XFMRs Inc.**

Title: **SINGLE PORT COMBO**

UNLESS OTHERWISE SPECIFIED  
TOLERANCES:

P/N: XF6612D-CAxu1-4MS | REV. A

.xxx ±0.010

DWN.

李清儿

Mar-02-06

Dimensions in Inch

CHK.

孙悦

Mar-02-06

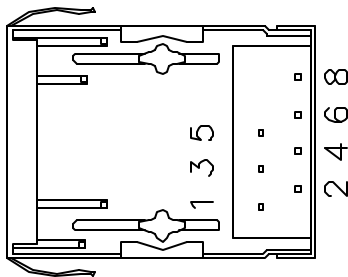
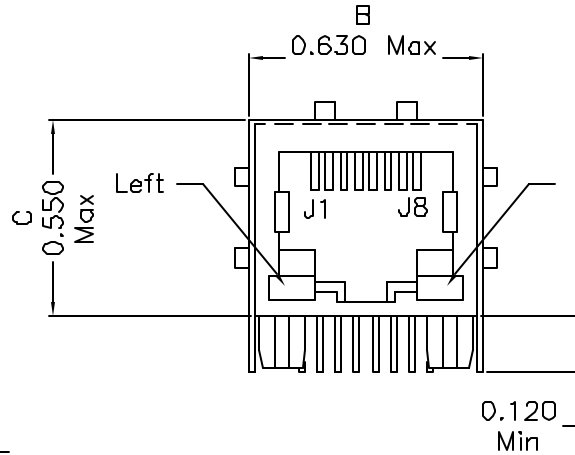
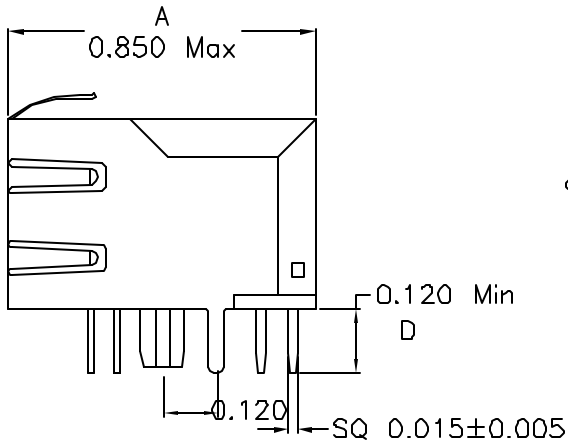
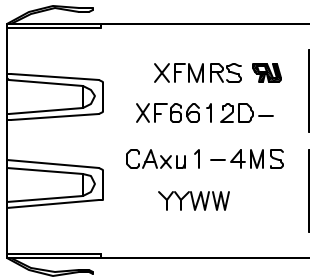
SHEET 1 OF 2

APP.

MS

Mar-02-06

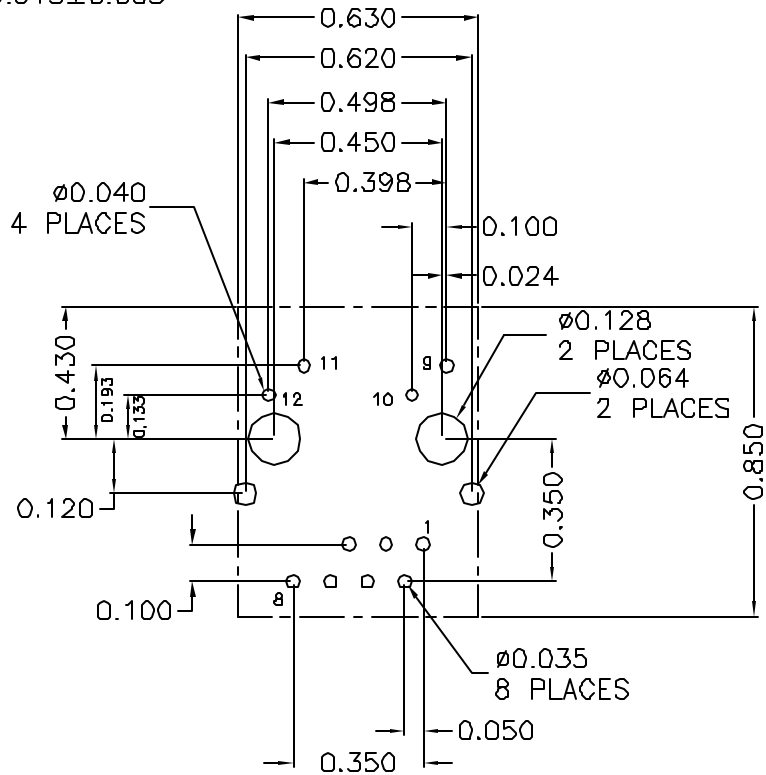
# Mechanical Dimensions:



(BOTTOM VIEW)

## Mounting Pattern:

(COMP SIDE)



DOC. REV: A/3

**PROPRIETARY**

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<b>XFMRS Inc.</b>		Title: Mechanical Dimensions For CAxu1-4MS Series	
UNLESS OTHERWISE SPECIFIED	P/N: XF6612D-CAxu1-4MS	REV. A	
TOLERANCES:	DWN.	刘 鹏	Mar-02-06
.xxx ±0.010	CHK.	李小锋	Mar-02-06
Dimensions in Inch	APP.	MS	Mar-02-06
SHEET 2 OF 2			