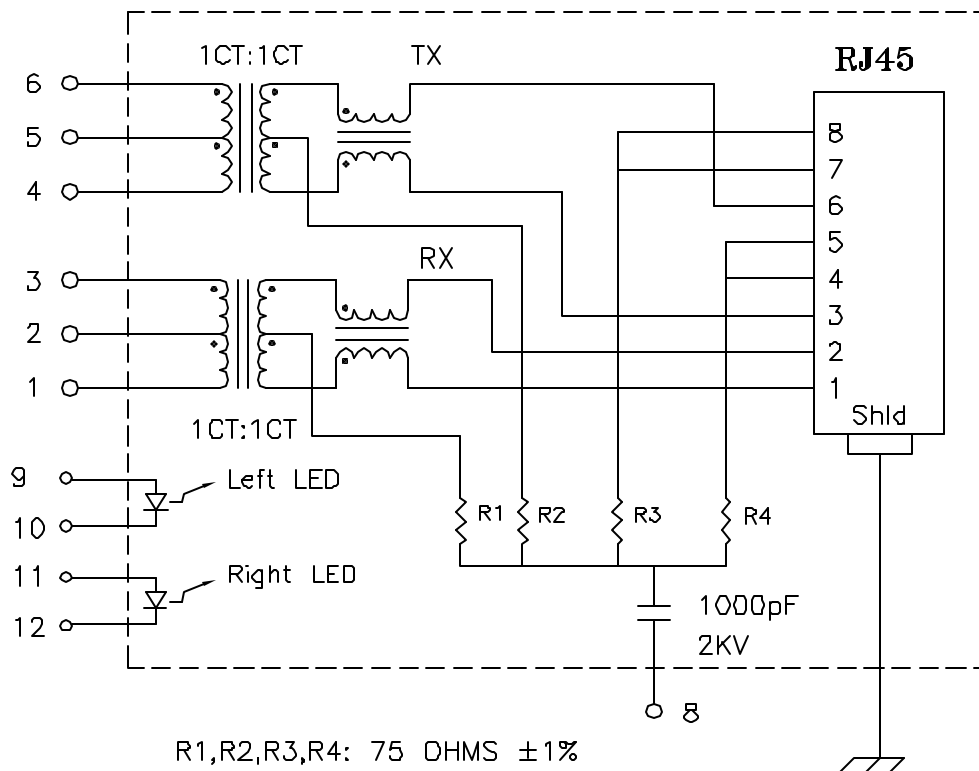


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (Input to Output)

Isolation Voltage: 500 Vrms (P1+2+3 to P4+5+6)

Turns Ratio: TX 1CT:1CT $\pm 3\%$ RX 1CT:1CT $\pm 3\%$

CABLE SIDE OCL: 350uH Minimum @100KHz 100mV 8mADC

Insertion Loss (300KHz-100MHz): -1.0dB Maximum

Return Loss: @30MHz -20dB Minimum

@80MHz -15dB Typ

Complete the Combo P/N as follows:

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

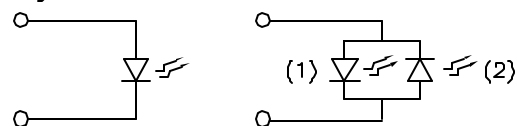
Y=Yellow
G=Green
A=Amber
R=Red

'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:



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

DOC. REV: A/4

XFMRS Inc
www.XFMRS.com

Title: **SINGLE PORT COMBO**

UNLESS OTHERWISE SPECIFIED
TOLERANCES:

.xxx ± 0.010

Dimensions in Inch

SHEET 1 OF 2

P/N: XFATM9-CLxu1-2MS REV. A

DWN. Juan Mao May-04-07

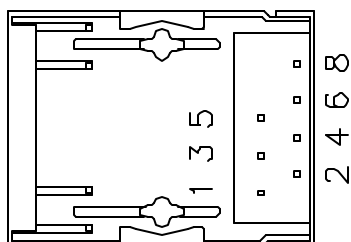
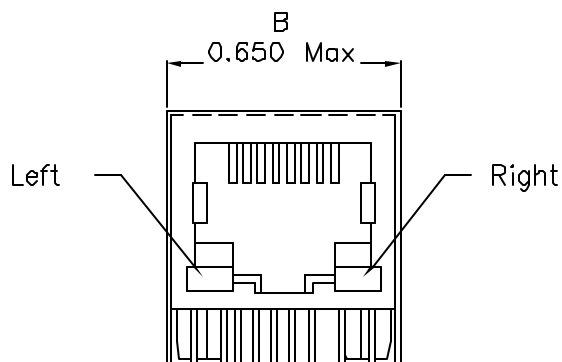
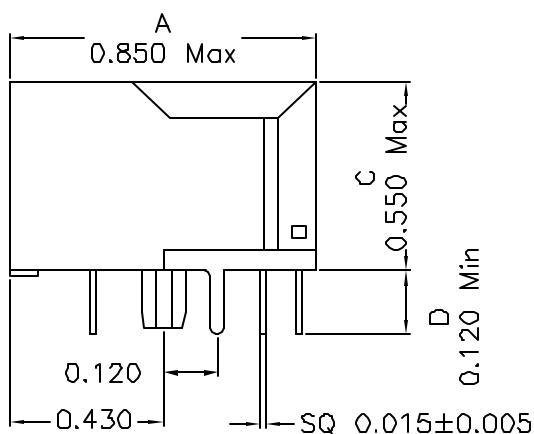
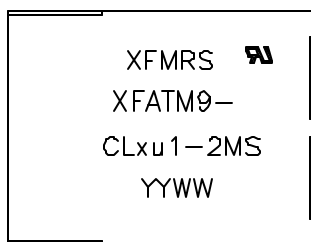
CHK. YK Liao May-04-07

APP. BW May-04-07

PROPRIETARY:

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Mechanical Dimensions:

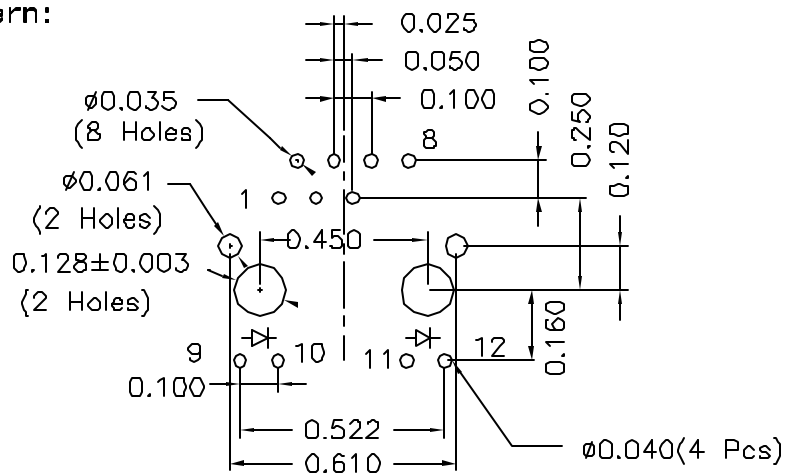


(BOTTOM VIEW)

*Remove Pin#7

Mounting Pattern:

(COMP SIDE)



XFMRS Inc
www.XFMRS.com

Title:

SINGLE PORT COMBO

UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xxx ±0.010
Dimensions in Inch

P/N: XFATM9-CLxu1-2MS

REV. A

DWN.

Juan Mao

May-04-07

CHK.

YK Liao

May-04-07

APP.

BW

May-04-07

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SHEET 2 OF 2

DOC. REV: A/4