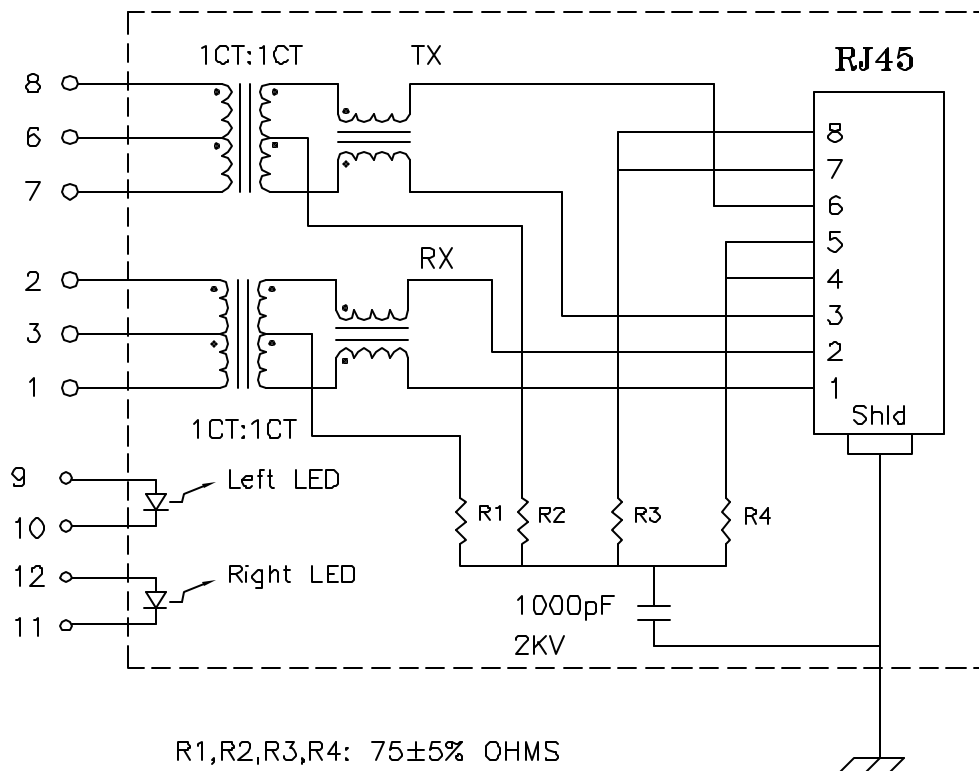


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (Input to Output)

Isolation Voltage: 500 Vrms (P1+2+3 to P6+7+8)

Turns Ratio: TX 1CT:1CT ±3% RX 1CT:1CT ±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

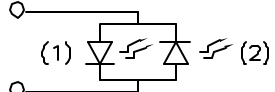
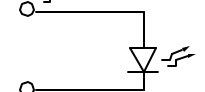
'x' = Left LED Color

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

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: XFATM9N-CAXu1-2MS REV. B

DWN.

Juan Mao

Jan-04-08

CHK.

YK Liao

Jan-04-08

APP.

BW

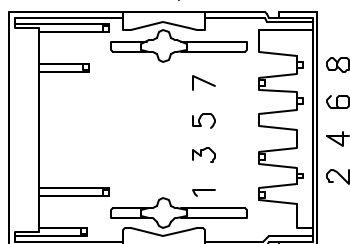
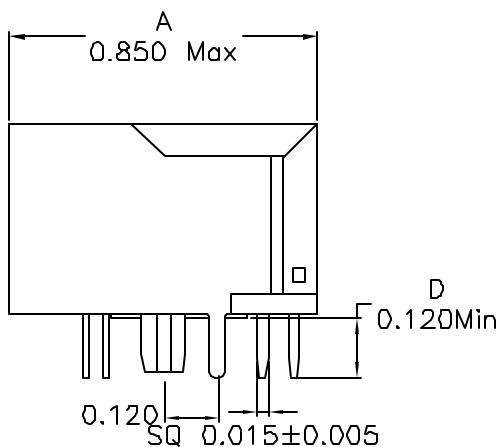
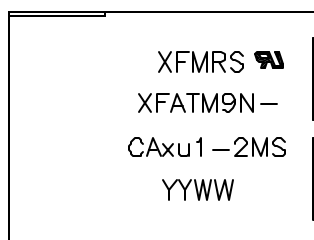
Jan-04-08

PROPRIETARY:

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

DOC. REV: B/7

Mechanical Dimensions:

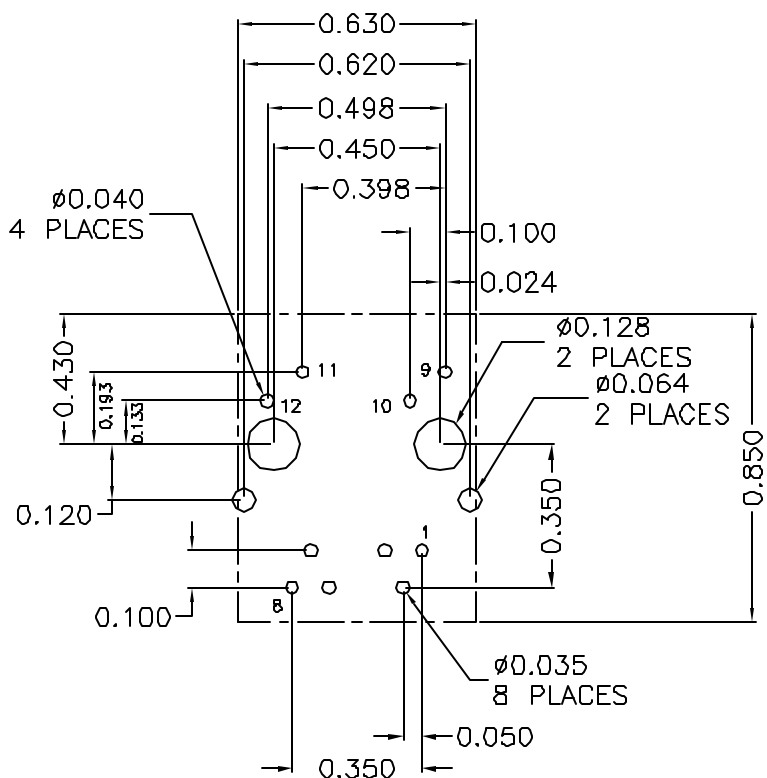


(BOTTOM VIEW)

Mounting Pattern:

(COMP SIDE)

*Remove Pins 4&5



XFMR5 Inc. www.XFMR5.com		Title: Mechanical Dimensions For CAxu1-2MS Series	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFATM9N-CAxu1-2MS		REV. B
	DWN.	Juan Mao	Jan-04-08
	CHK.	YK Liao	Jan-04-08
	APP.	BW	Jan-04-08
SHEET 2 OF 2			

PROPRIETARY:

Document is the property of XFMR5 Group & is not allowed to be duplicated without authorization.

DOC. REV: B/7