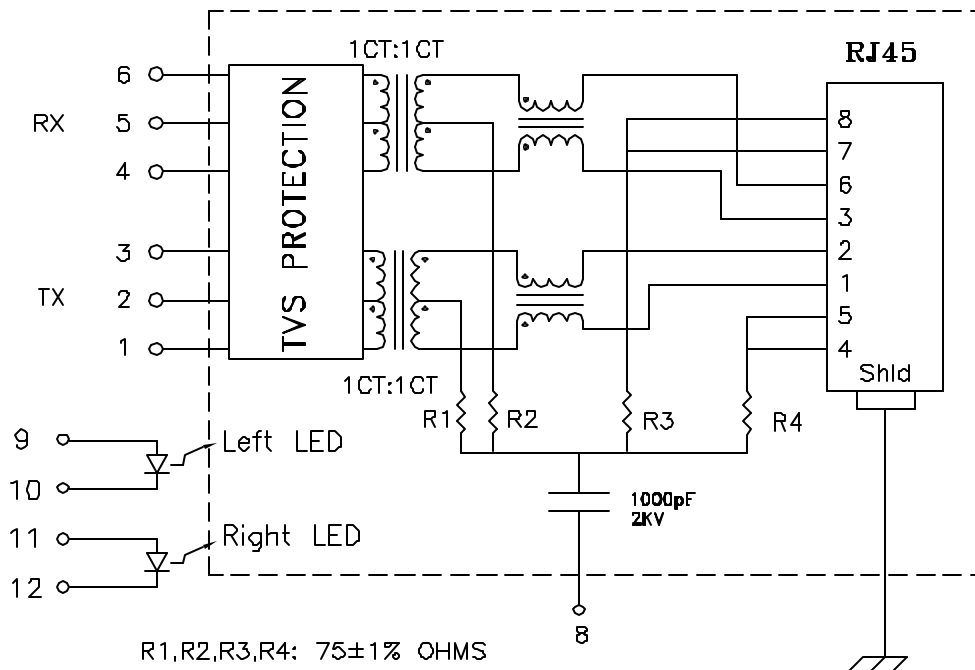


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500 Vac

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

UTP SIDE QCL: 350uH Min @100KHz 100mV 8mADC

Leakage Inductance: P6-P4 0.3uH Max @1MHz 100mV Short J6 and J3

Leakage Inductance: P3-P1 0.3uH Max @1MHz 100mV Short J2 and J1

Cww: (P6, P5, & P4) to (J6 & J3) 30pF Typ @100KHz 0.1V

Cww: (P3, P2, & P1) to (J2 & J1) 30pF Typ @100KHz 0.1V

DCR: (J6-J3) = (J2-J1) 1.2 Ohms Max

Rise Time (10-90%): 2.5ns Typ

Insertion Loss (100KHz-100MHz): -1.2dB Max

Return Loss: -18dB Min @1MHz - 30MHz

Return Loss: -12dB Typ @60MHz - 80MHz

Crosstalk: 30dB Typ @1MHz to 100MHz

Common Mode to Differential Mode Rejection:

1MHz-100MHz -35dB Typ (Tx) / -35dB Typ (Rx)

Q: 18 Min @100KHz 0.1V

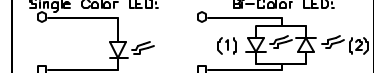
Notes:

1. Solderability: Leads shall meet MIL-STD-202G, Method 208B 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
10. Designed to meet GR1089 Intra-Building Lightning Standard

DOC REV: B/1

Complete the Combo P/N as follows:

Replace 'x' & 'u' in the part number with one of the LED color letters:
Y=Yellow
D=Green
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
Single Color LED:
Bicolor LED:



XFMRS Inc.

Title: SINGLE PORT COMBO

UNLESS OTHERWISE SPECIFIED
TOLERANCES:

.xxx ±0.010

Dimensions in Inch

SHEET 1 OF 2

P/N: XFATM2TVS-CLxu1-2MS

REV. B

DWN.

Mei Chen

Jan-26-10

CHK.

YK Liao

Jan-26-10

APP.

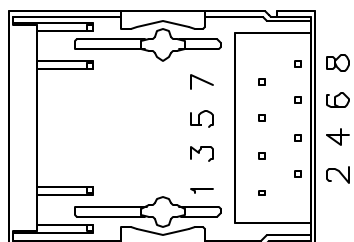
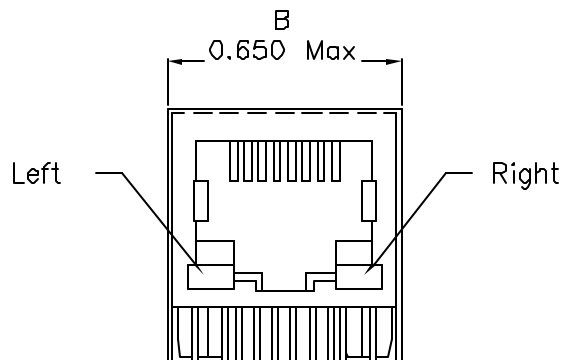
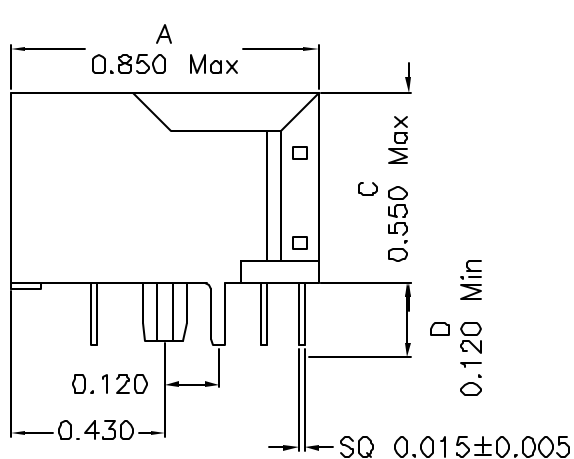
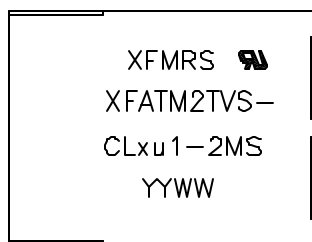
Joe Huff

Jan-26-10

PROPRIETARY

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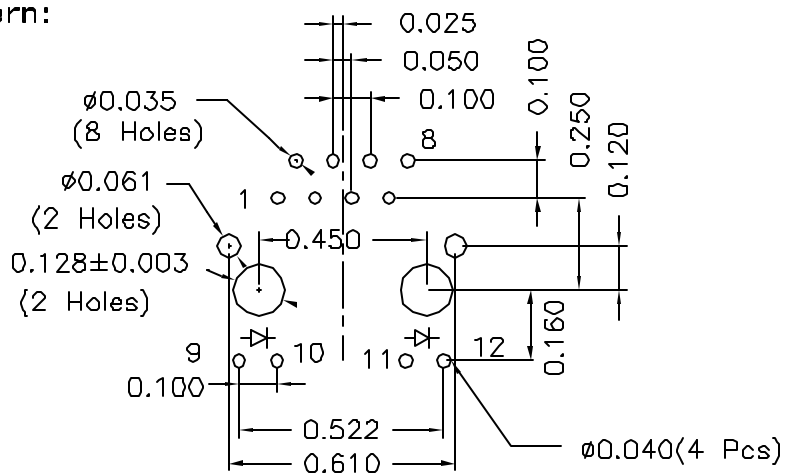
Mechanical Dimensions:



(BOTTOM VIEW)

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: XFATM2TVS-CLxu1-2MS

REV. B

DWN.

Mei Chen

Jan-26-10

CHK.

YK Liao

Jan-26-10

APP.

Joe Huff

Jan-26-10

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SHEET 2 OF 2