

10 9 12 11

Left LED

Right LED

TVS PROTECTION

1CT:1CT

TX

RX

R1 R2 R3 R4

1000pF 2KV

RJ45

8 7 6 3 2 1 5 4

Shld

8

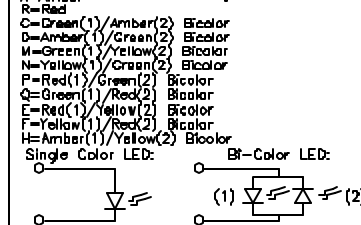
R1,R2,R3,R4: 75±1% OHMS

Isolation Voltage: 1500 Vrms (Input to Output)
Turns Ratio: TX 1CT:1CT $\pm 3\%$ RX 1CT:1CT $\pm 3\%$
CABLE SIDE OCL: 350uH Minimum @100KHz 100mV 8mADC
Cw/w: 27pF Typical @100KHz 100mV
Insertion Loss (300KHz–100MHz): -1.00dB Min
Return Loss: @30MHz -18dB Minimum
@80MHz -12dB Minimum

1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-D
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151555
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

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	



PROPRIETARY

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Title: SINGLE PORT COMBO

REV. B

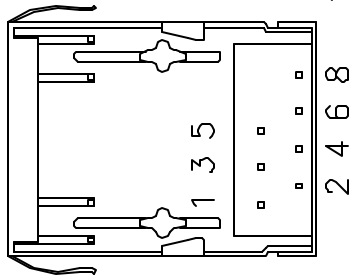
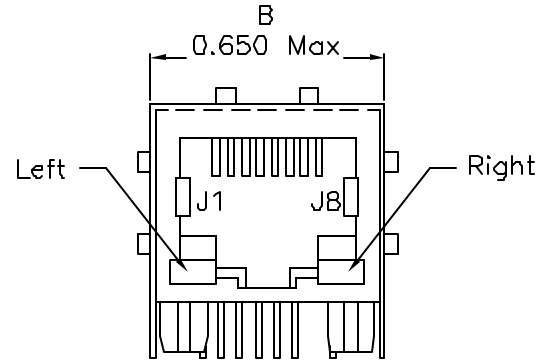
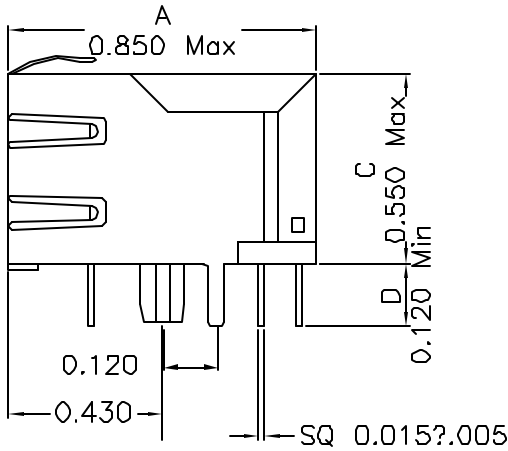
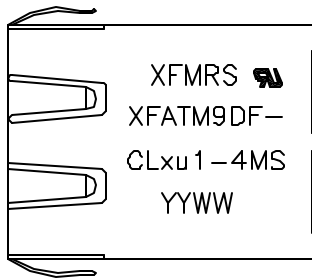
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SHEET 1 OF 2

Mechanical Dimensions:

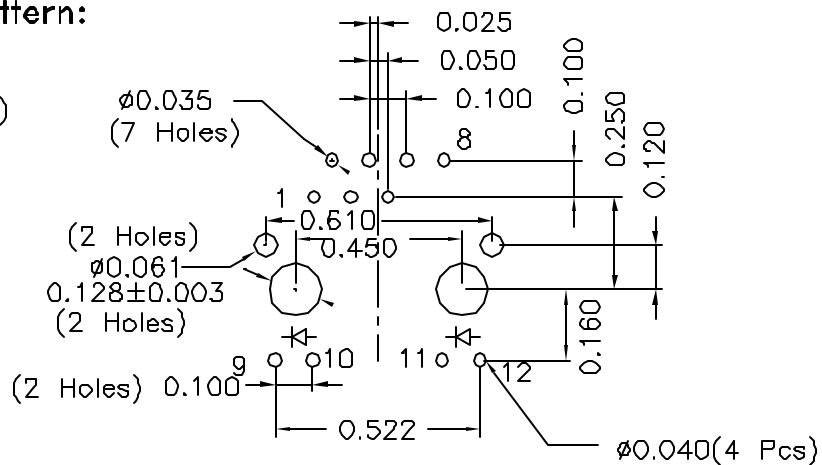


(BOTTOM VIEW)

*Remove Pin#7

Mounting Pattern:

(COMP SIDE)



DOC REV: B/1

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www.XFMRS.com

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

SHEET 2 OF 2

Title: Mechanical Dimensions
For CLxu1-4MS Series

P/N: XFATM9DF-CLxu1-4MS

REV. B

DWN.

Xianyi

Aug-25-09

CHK.

YK Liao

Aug-25-09

APP.

Joe Huff

Aug-25-09