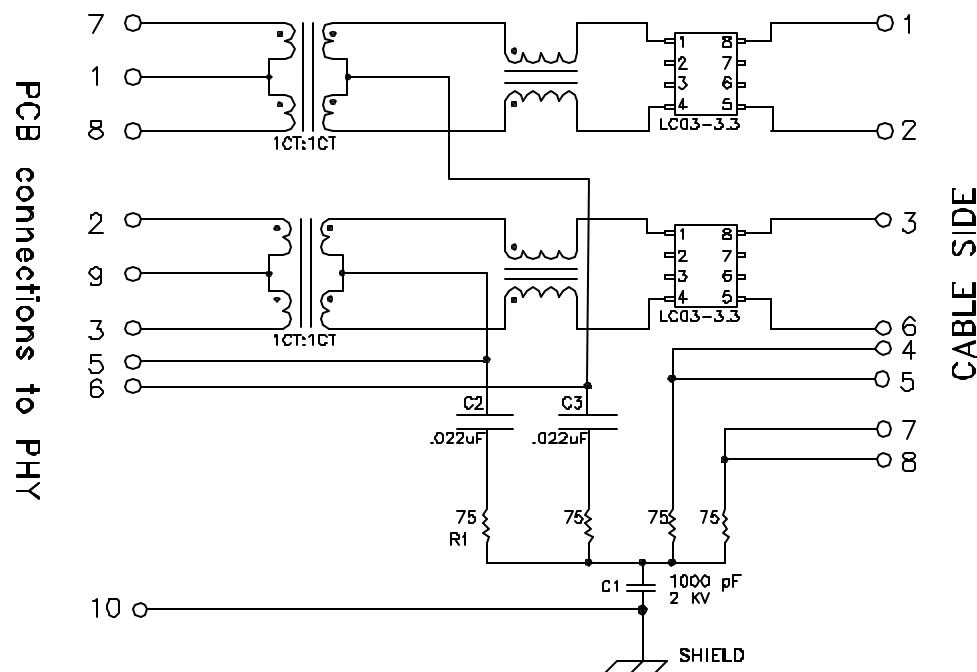


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500 VAc (Input to Output)

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

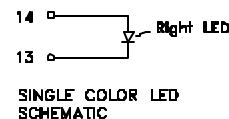
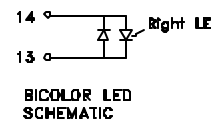
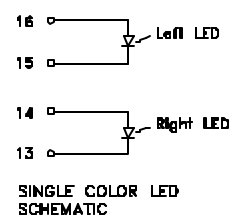
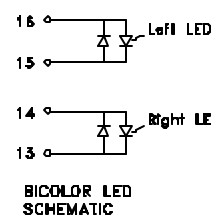
Insertion Loss(TX/RX): -1.0dB Typ @1-100 MHz

Return Loss: 1-10MHz 30MHz 60-80MHz
-20dB -16dB -12dB (Typ)

Cross Talk: 1-10MHz 30MHz 60-80MHz
-40dB -35dB -30dB (Typ)

Common Mode Rejection: 1-50MHz 50-130MHz
-26dB -20dB(Typ)

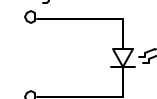
DC Current: 350mA



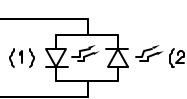
Complete the Combo P/N as follows:

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
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-202, Method 208D 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. SMD Lead Coplanarity: $\pm 0.004"$ (0.102mm)
9. Moisture Sensitivity: Level 2

DOC. REV: A/1

XFMRS Inc.

Title: **SINGLE PORT COMBO**

UNLESS OTHERWISE SPECIFIED
TOLERANCES:

.xxx ± 0.010

Dimensions in Inch

SHEET 1 OF 2

P/N: XFVOIP5QTVS-CTxu1-4L REV. A

DWN.

Juan Mao

Jul-22-04

CHK.

YK Liao

Jul-22-04

APP.

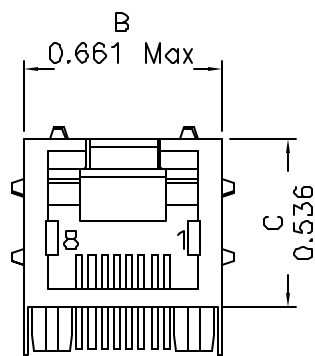
J Ng

Jul-22-04

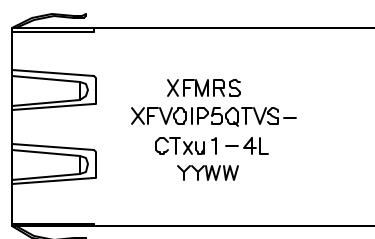
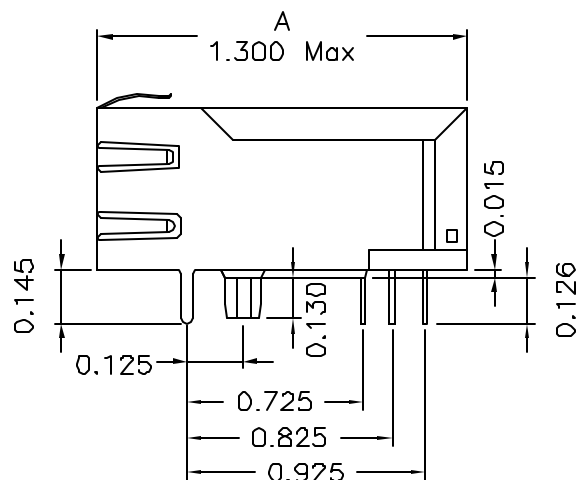
PROPRIETARY:

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Mechanical Dimensions:

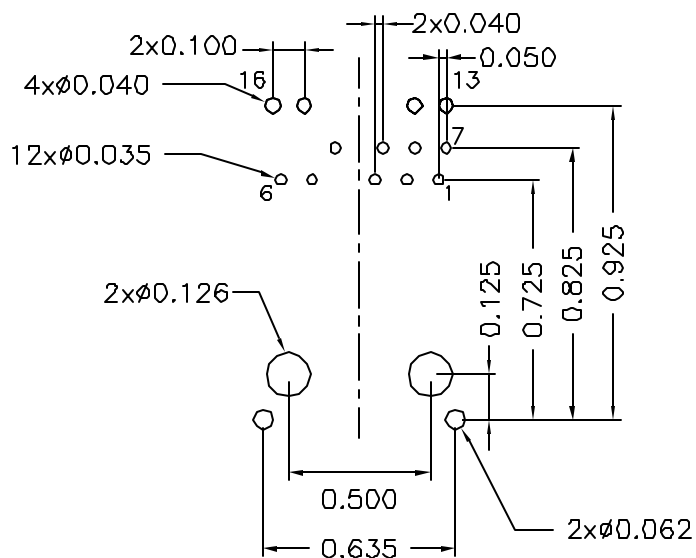


FRONT VIEW



TOP VIEW

Mounting Pattern:



DOC REV: A/1

XFMRS Inc.

Title: Mechanical Dimensions
For TAB UP RJ45 COMBO

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

P/N: XFMRS XFV0IP5QTVS-CTxu1-4L

REV. A

DWN.

罗振江

Jul-22-04

CHK.

廖玉坤

Jul-22-04

APP.

J Ng

Jul-22-04

SHEET 2 OF 2

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