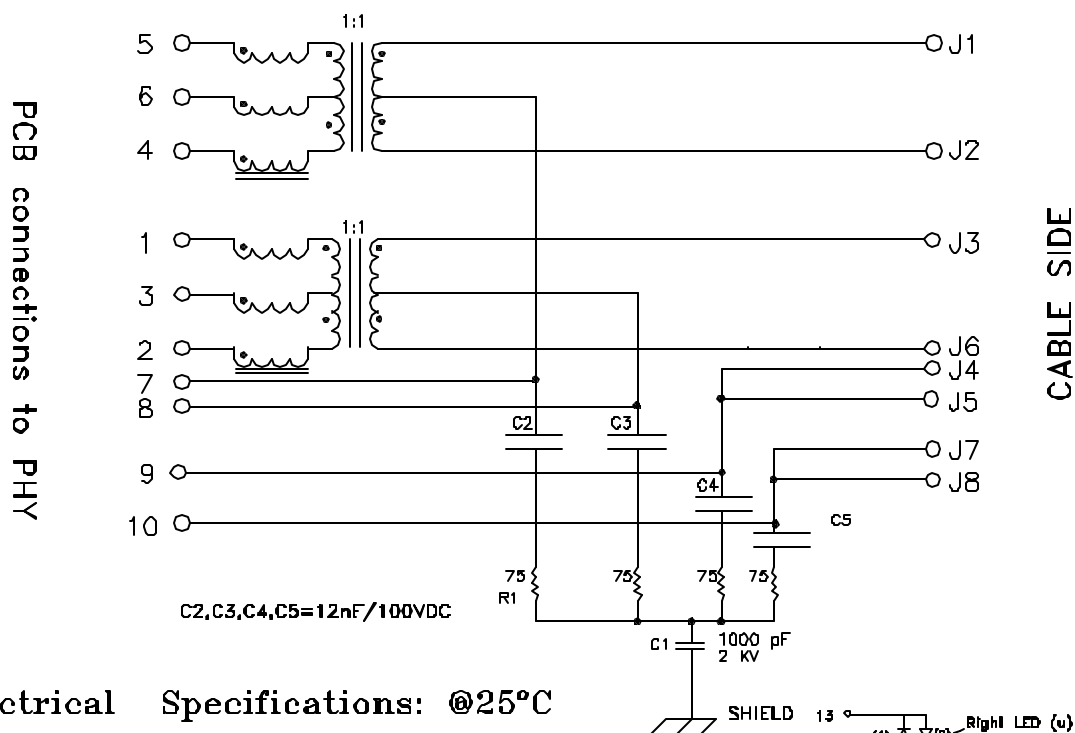


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500 VAc (Input to Output)

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

OCL: 350uH Minimum @100KHz 100mV 24mADC

Insertion Loss: -1.0dB TYP @0.1-100 MHz

Insertion Loss: -1.70 dB Max @100-125 MHz

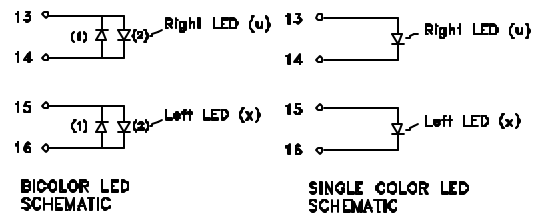
Return Loss: 1-30MHz 40MHz 50MHz 60-80MHz
-16.0dB(Typ) 14.0dB(Typ) 13.0dB(Typ) 12.0dB(Typ)

Cross Talk: 0.1-100MHz 27.0 dB Min

Common Mode Rejection: 0.1-100MHz 30.0 dB Min

DC Current: 720mA

Q :18 Min @100KHz 0.1V



Notes:

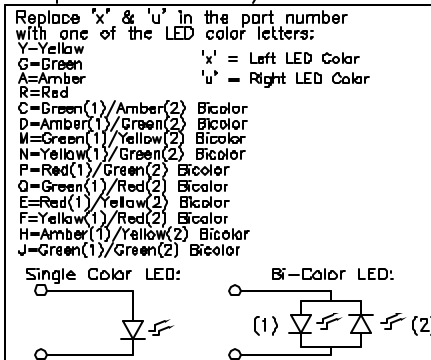
1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from 0°C to +70°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

DOC. REV: A/3

PROPRIETARY:

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Complete the Combo P/N as follows:



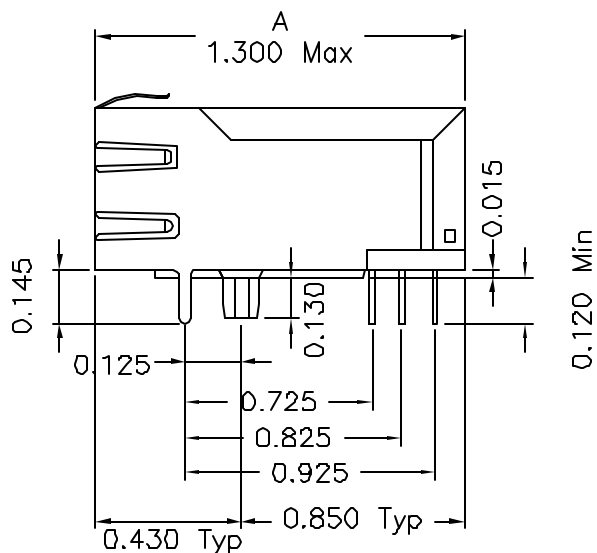
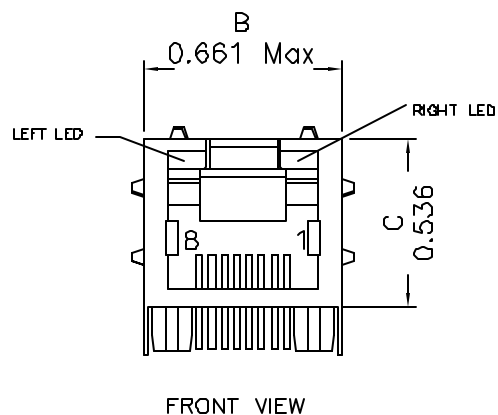
XFMRS Inc
www.XFMRS.com

UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xxx ± 0.010
Dimensions in Inch
SHEET 1 OF 2

Title:
SINGLE PORT POE+ COMBO

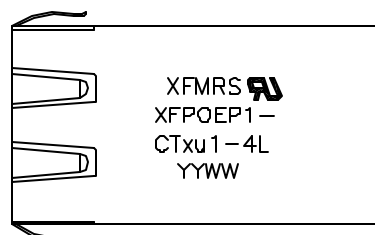
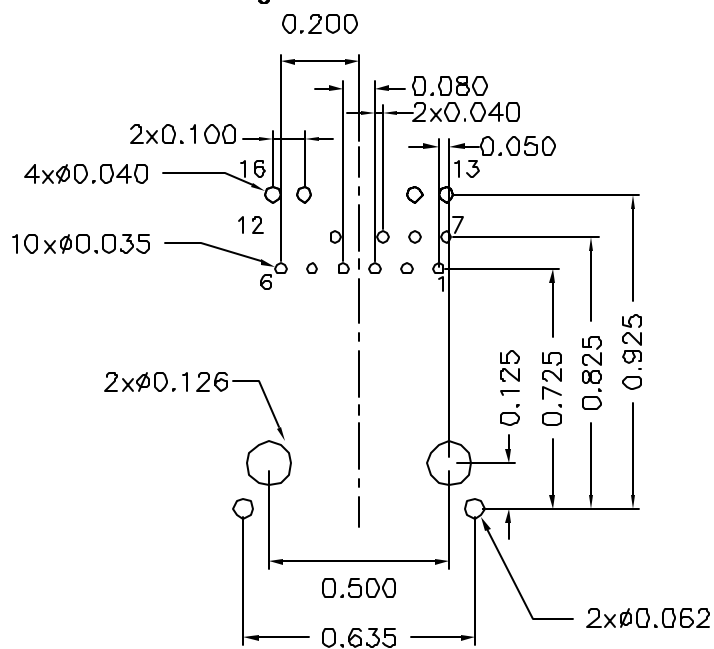
P/N: XFPOEP1-CTxu1-4L		REV. A
DWN.	Xiany	Jul-08-09
CHK.	YK Liao	Jul-08-09
APP.	Joe Huff	Jul-08-09

Mechanical Dimensions:

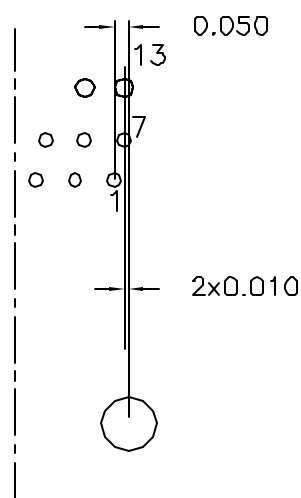


***Remove PIN#11&12

Mounting Pattern:



TOP VIEW



DOC REV: A/3

XFMRS Inc
www.XFMRS.com

Title: Mechanical Dimensions
For TAB UP RJ45 COMBO

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

P/N: XFP0EP1-CTxu1-4L

REV. A

DWN.

Xianyi

Jul-08-09

CHK.

YK Liao

Jul-08-09

APP.

Joe Huff

Jul-08-09

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SHEET 2 OF 2