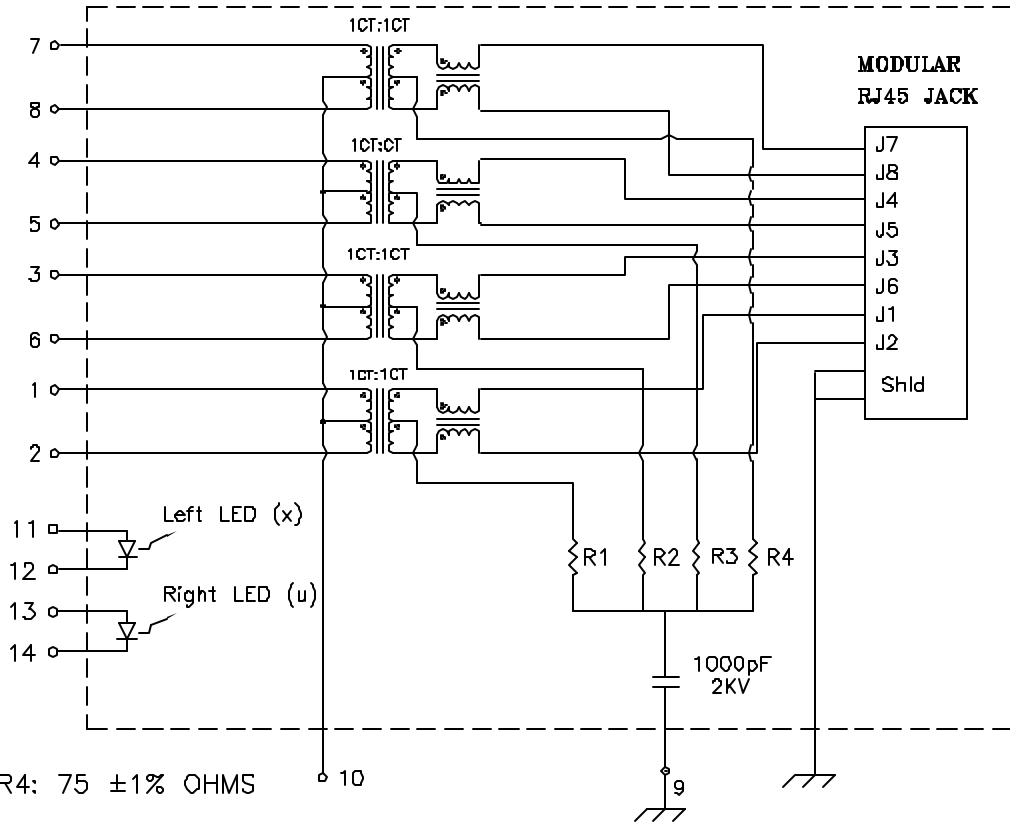


Schematic: (SINGLE PORT)



R1,R2,R3,R4: 75 ±1% OHMS

Electrical Specifications: @25°C

- ISOLATION: 1500 Vrms
- URNS RATIO: (PRI/SEC) 1CT:1CT ±2%
- OCL: 350uH MIN @100KHz 100mV 8mADC
- Q: 1.6 Min 100KHz 0.1V
- Rfse Time: 1.75ns Max.
- INSERTION LOSS: -1.0dB MAX @1MHz-100MHz
-1.5dB MAX @100-125MHz
- RETURN LOSS: -18dB Min @1-30MHz
-15dB Min @40MHz -13.1dB Min @50MHz
-12dB Min @60-80MHz -10dB Min @100MHz
- Differential to Common Mode Rejection:
-43dB Min @30MHz -37dB Min @80MHz
-33dB Min @100MHz
- CMRR: -30dB Min @1-100MHz
- Crosstalk: -45dB Min @30MHz
-40dB Min @60MHz -35dB Min @100MHz

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
 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

'x' = Left LED Color
 'u' = Right LED Color

Single Color LED:

Bi-Color LED:

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

DOC REV.: A/2

XFMRS Inc.
www.XFMRS.com

Title: SINGLE PORT LED COMBO

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

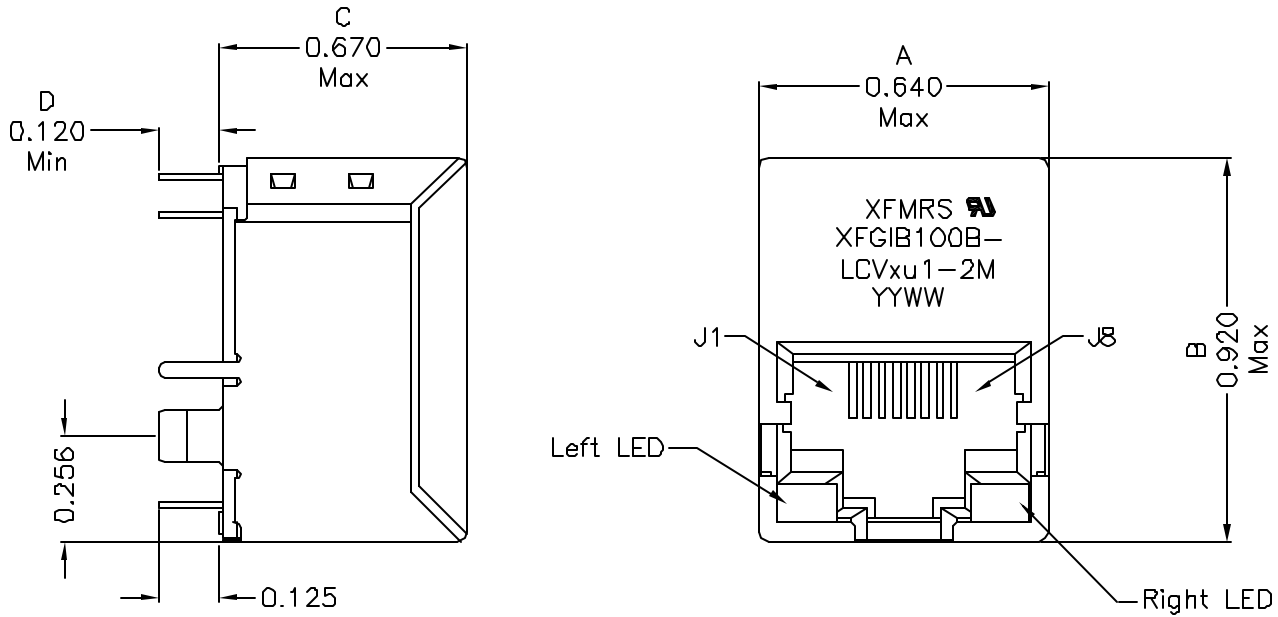
P/N: XFGIB100B-LCVxu1-2M		REV. A
DWN.	Xianyí	Jul-14-08
CHK.	YK Liao	Jul-14-08
APP.	Joe Huff	Jul-14-08

SHEET 1 OF 2

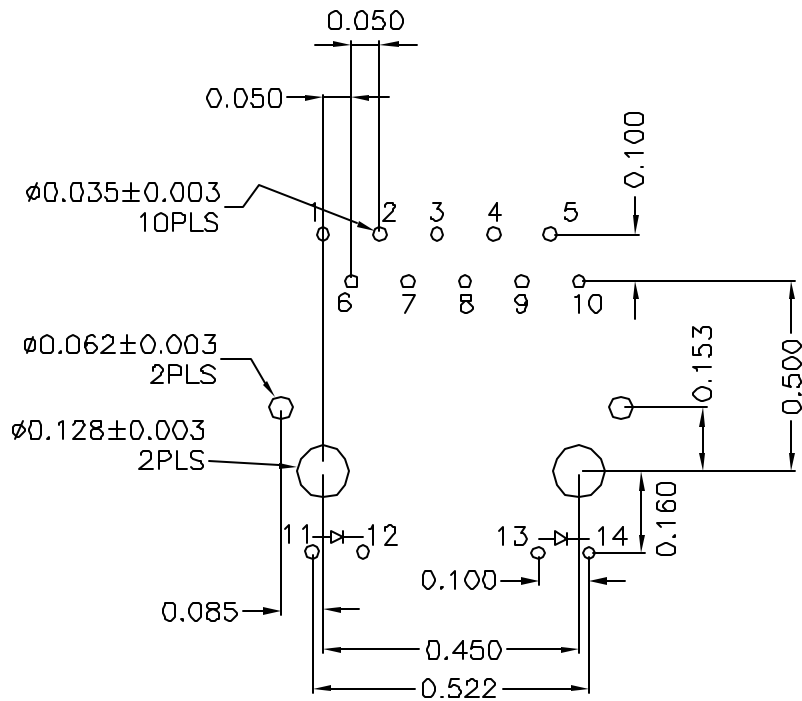
PROPRIETARY:

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Mechanical Dimensions:



Mounting Pattern:



P.C.B RECOMMENDED HOLE LAYOUT

DOC REV: A/2

XFMRS Inc.
www.XFMRS.com

Title: Mechanical Dimensions
For LCVxu1-2M Series

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

P/N: XFGIB100B-LCVxu1-2M

REV. A

DWN.

Xianyi

Jul-14-08

CHK.

YK Liao

Jul-14-08

SHEET 2 OF 2

APP.

Joe Huff

Jul-14-08

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