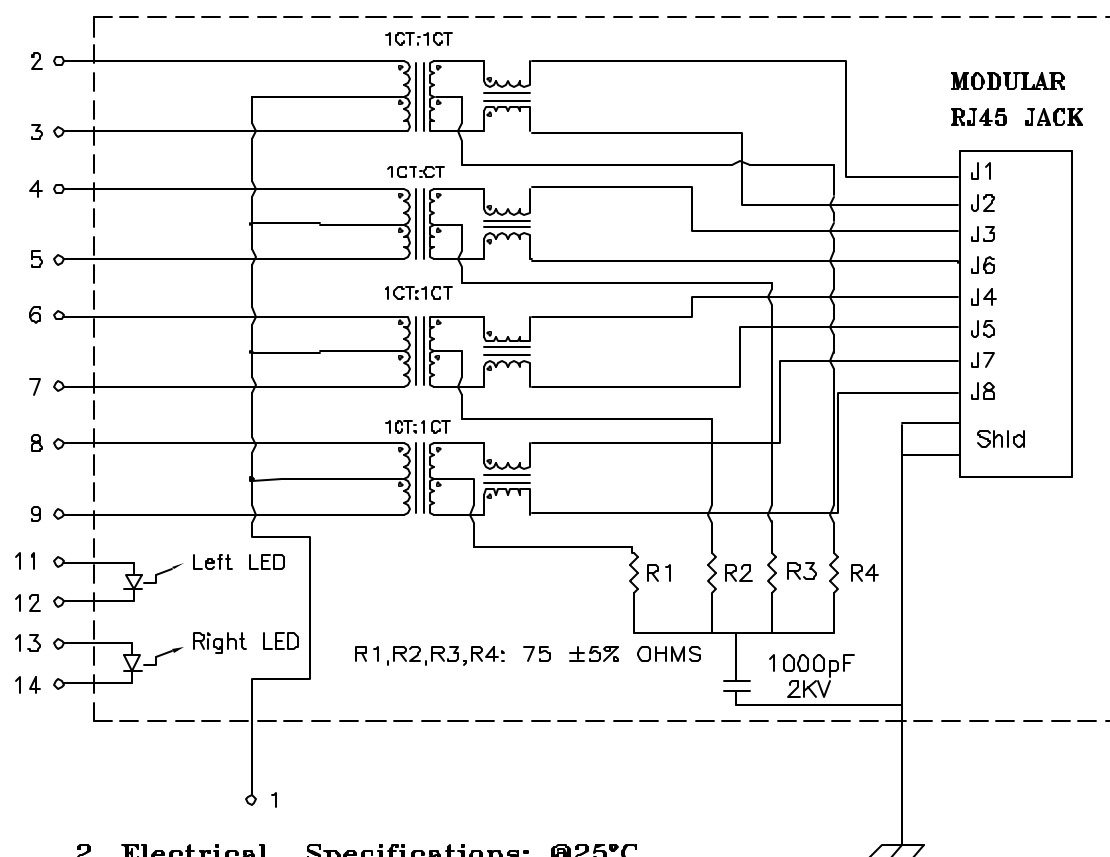


1. Schematic: (Single Port)



2. Electrical Specifications: @25°C

ISOLATION: 1500 Vrms

URNS RATIO: (PRI/SEC) 1CT:1CT ±3%

OCL: 350uH MIN @100KHz 100mV 8mA DC

Q: 1B Min @100KHz 0.1V

Rise 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

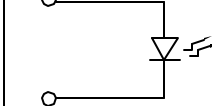
M=Green(1)/Yellow(2) Bicolor

N=Yellow(1)/Green(2) Bicolor

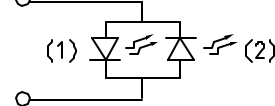
P=Red(1)/Green(2) Bicolor

Q=Green(1)/Red(2) Bicolor

Single Color LED:



Bi-Color LED:



Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208-H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index > 28%
- Insulation System: Class F 155°C, UL file E151555
- Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

DOC REV.: B/4

XFMRS Inc.
www.XFMRS.com

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

Title:
SINGLE PORT COMBO W/LEDs

P/N: XFGIB100U-CLxu1-4MS

REV. B

DWN.

Juan Mao

May-16-08

CHK.

YK Liao

May-16-08

APP.

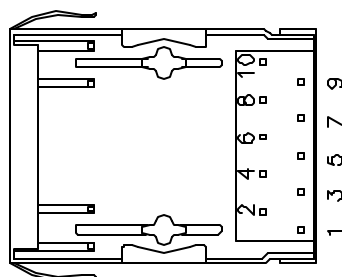
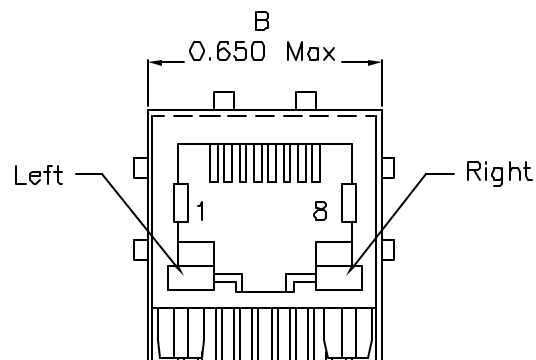
BW

May-16-08

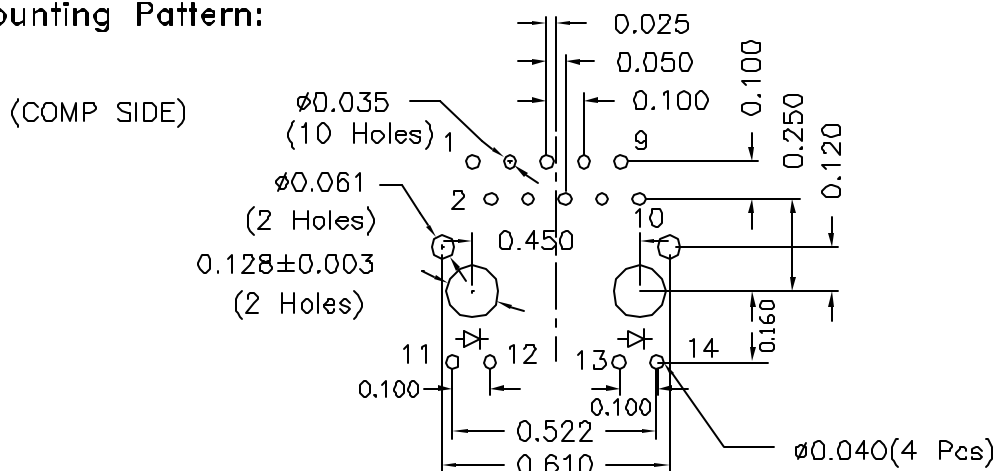
PROPRIETARY:

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XFMR5
XFGIB100U-
CLxu1-4MS
YYWW



Mounting Pattern:



XFMRs Inc. www.XFMRs.com	Title: Mechanical Dimensions For CLxu1-4MS Series		
	P/N: XFGIB100U-CLxu1-4MS		REV. B
	DWN.	Juan Mao	May-16-08
	CHK.	YK Liao	May-16-08
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	APP.	BW	May-16-08