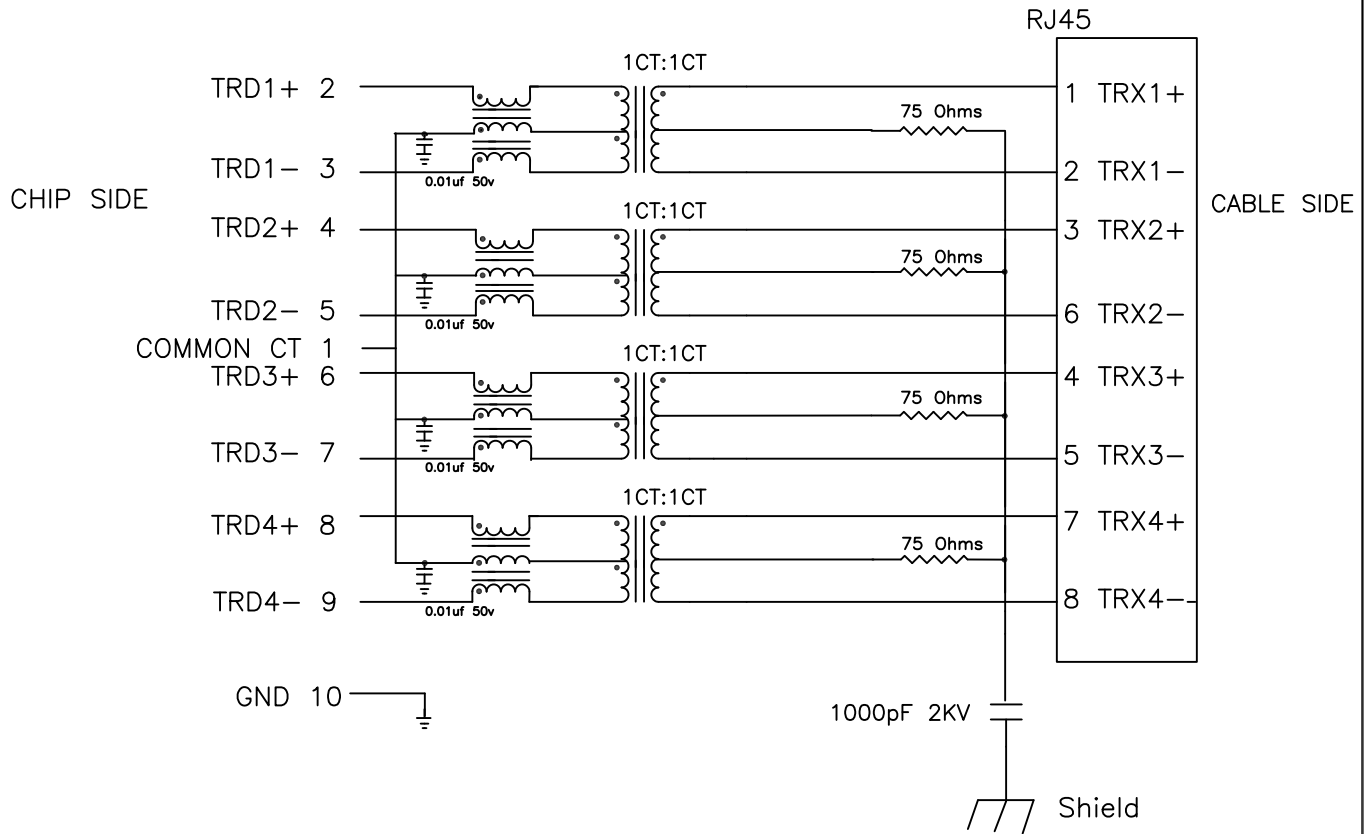
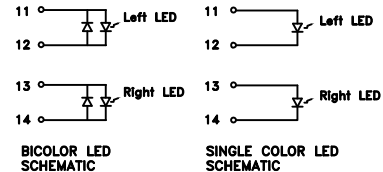


Schematic: (SINGLE PORT)



Electrical Specifications: @25°C

- ISOLATION: 1500 Vrms (Input to Output)
- TURNS RATIO: (PRI/SEC) 1CT:1CT ±2%
- OCL: 350uH MIN @100KHz 100mV 8mADC
- 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 Typ @30MHz -37dB Typ @80MHz
-33dB Typ @100MHz
- CMRR: -30dB Min @1-100MHz
- Crosstalk: -45dB Min @30MHz
-40dB Min @60MHz -35dB Min @100MHz
- Q: 5 Min @100KHz 0.1V



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
 E=Red(1)/Yellow(2) Bicolor
 F=Yellow(1)/Red(2) Bicolor
 H=Amber(1)/Yellow(2) Bicolor
 J=Green(1)/Green(2) Bicolor

Single Color LED:
 Bi-Color LED:

- Notes:
1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
 2. Flammability: UL94V-0
 3. ASTM oxygen index: > 28%
 4. UL Recognized Component: File Number E165866
 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

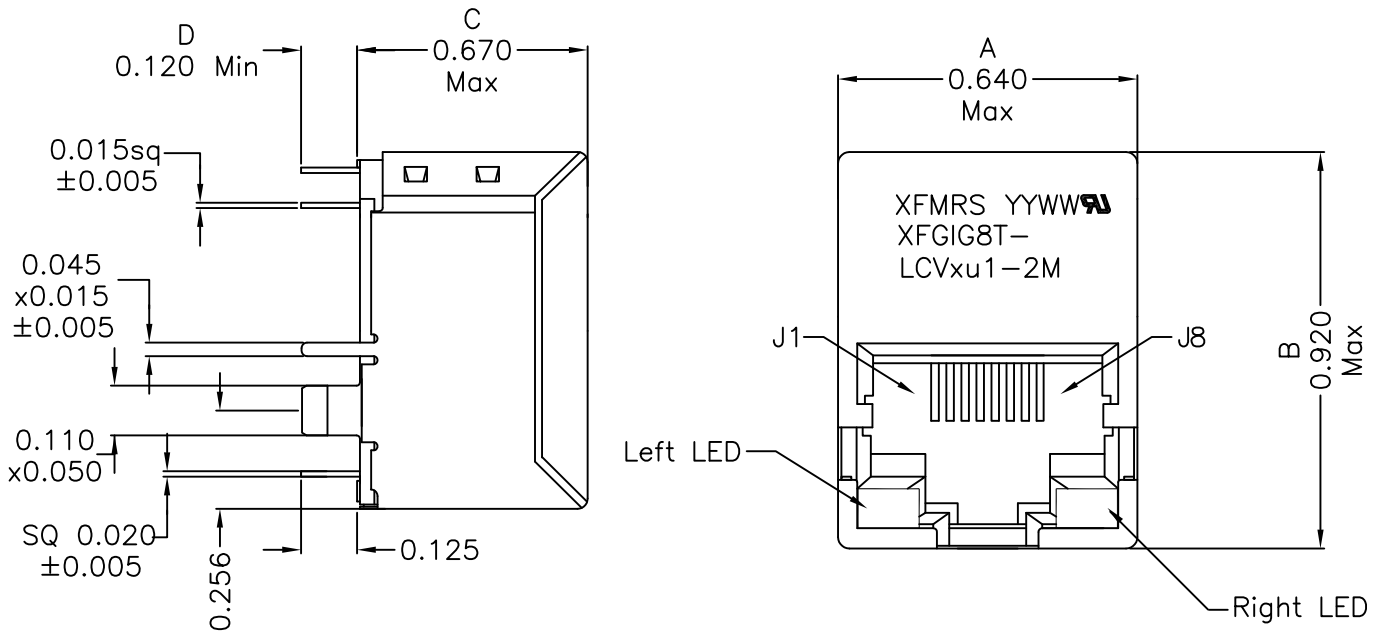
DOC REV: A/2

PROPRIETARY

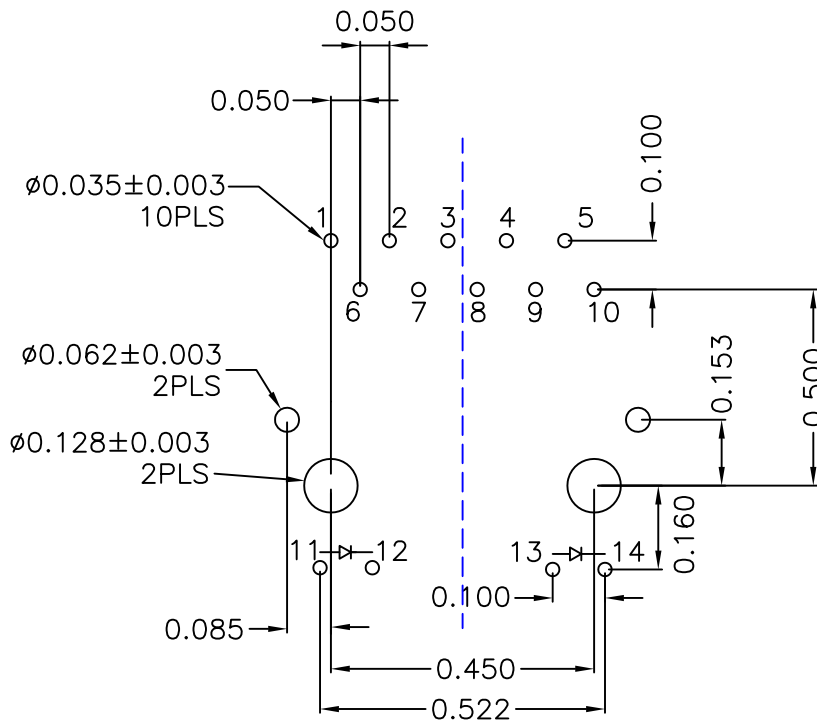
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XFMRs Inc www.XFMRs.com	Title: GIGABIT COMBO	
	P/N: XFGIG8T-LCVxu1-2M	REV. A
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010	DWN. Yuan	Aug-05-13
Dimensions in Inch	CHK. YK Liao	Aug-05-13
SHEET 1 OF 2	APP. DDC	Aug-05-13

Mechanical Dimensions:



Mounting Pattern:



P.C.B. RECOMMENDED HOLE LAYOUT

DOC REV: A/2

PROPRIETARY

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XFMRS Inc.
www.XFMRS.com

Title: Mechanical Dimensions
For LCVxu1-2M Series

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

P/N: XFGIG8T-LCVxu1-2M

REV. A

DWN.

Yuan

Aug-05-13

CHK.

YK Liao

Aug-05-13

SHEET 2 OF 2

APP.

DDC

Aug-05-13