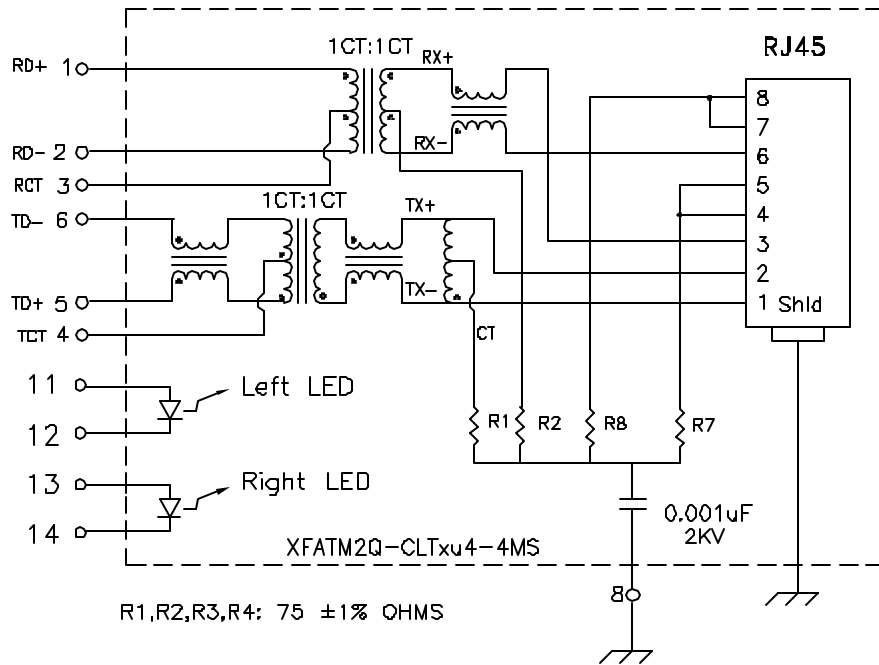


Schematic: (One of Four)



Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (INPUT to OUTPUT)
 UTP SIDE OCL: 350uH Min @100KHz 100mV BmADC
 Rise Time (10-90%): 2.5ns Typical
 Insertion Loss (100KHz-100MHz): -1.1dB Maximum
 Insertion Loss (100MHz-125MHz): -1.5dB Maximum
 Return Loss: -20dB Min. @30MHz
 -15dB Min. @80MHz

Crosstalk:

100KHz-60MHz -40dB Typical
 60MHz-100MHz -38dB Typical

Common Mode to Differential Mode Rejection:

100KHz-60MHz -45dB Typ (Tx) / -40dB Typ (Rx)
 60MHz-100MHz -40dB Typ (Tx) / -35dB Typ (Rx)

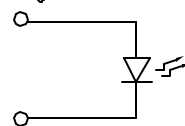
Complete the Combo P/N as follows:

Replace 'x' & 'u' in the part number with one of the LED color letters:

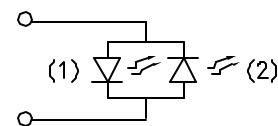
Y=Yellow
 G=Green
 A=Amber
 R=Red
 C=Green(1)/Amber(2) Bicolor
 D=Amber(1)/Green(2) Bicolor
 M=Green(1)/Yellow(2) Bicolor
 N=Yellow(1)/Green(2) Bicolor
 P=Red(1)/Green(2) Bicolor
 Q=Green(1)/Red(2) Bicolor

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

Single Color LED:



Bi-Color LED:



Notes:

- Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
- Flammability: UL94V-D
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- 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
- SMD Lead Coplanarity: ±0.004"(0.102mm)
- Moisture Sensitivity: Level 3
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

DOC. REV A/1

XFMRs Inc
www.XFMRs.com

Title:
FOUR PORT COMBO w/LEDs

UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xxx ±0.010

XFATM2Q-CLTxu4-4MS REV. A

Dimensions in Inch

DWN. 廖玉坤 Dec-14-04

SHEET 1 OF 2

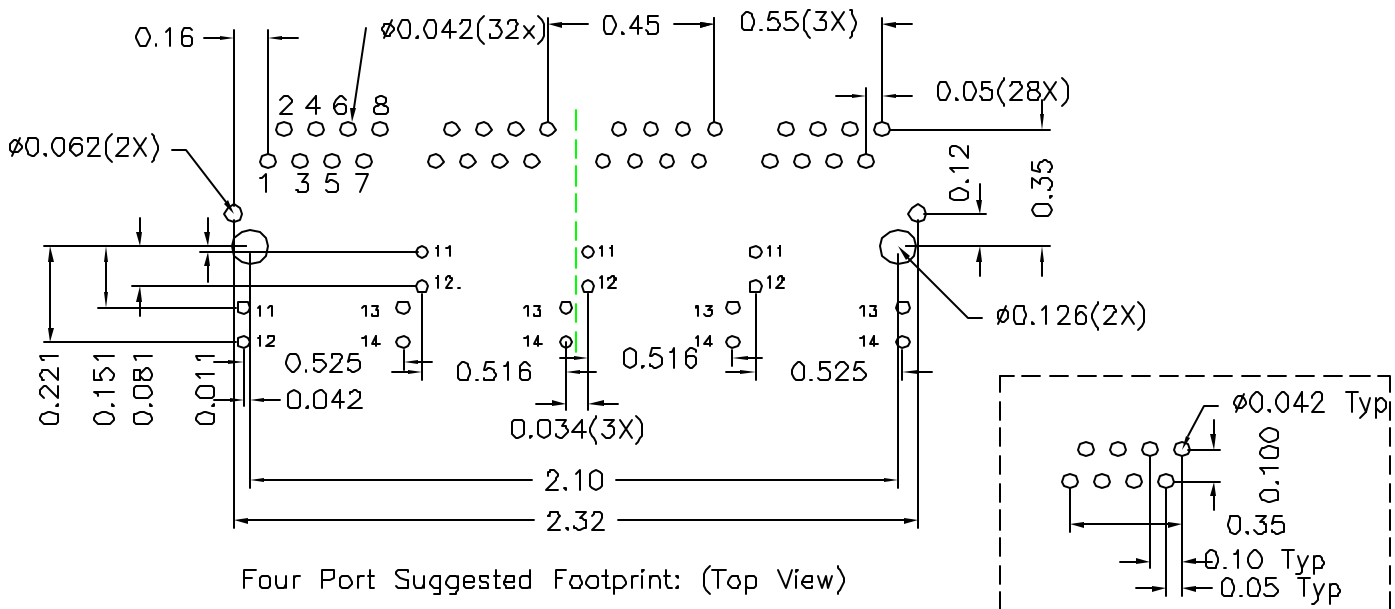
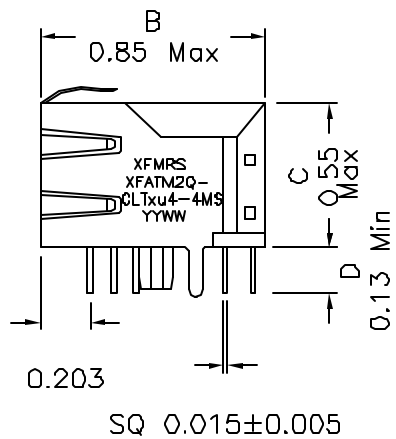
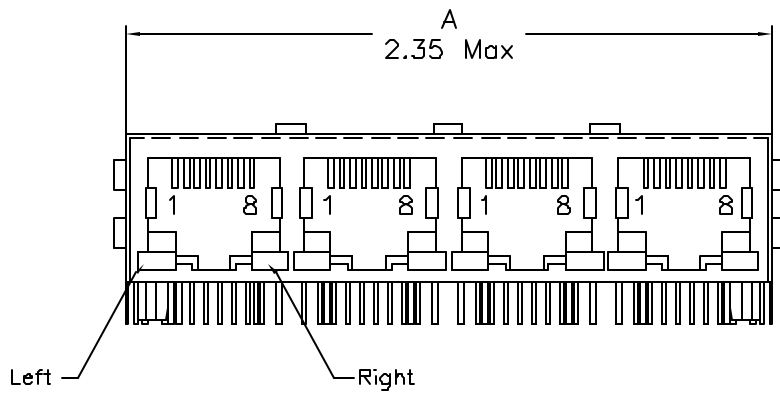
CHK. 李清儿 Dec-14-04

APP. J Ng Dec-14-04

PROPRIETARY:

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Mechanical Dimensions:



Four Port Suggested Footprint: (Top View)

XFMR5 Inc www.XFMR5.com	Title: FOUR PORT COMBO w/ LED's	
	P/N: XFATM2Q-CLTxu4-4MS	REV. A
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.015 .xxx ±0.010 Dimensions in Inch	DWN.	Juan Mao
	CHK.	YK Liao
	APP.	J Ng
SHEET 2 OF 2		

DOC REV: A/1

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