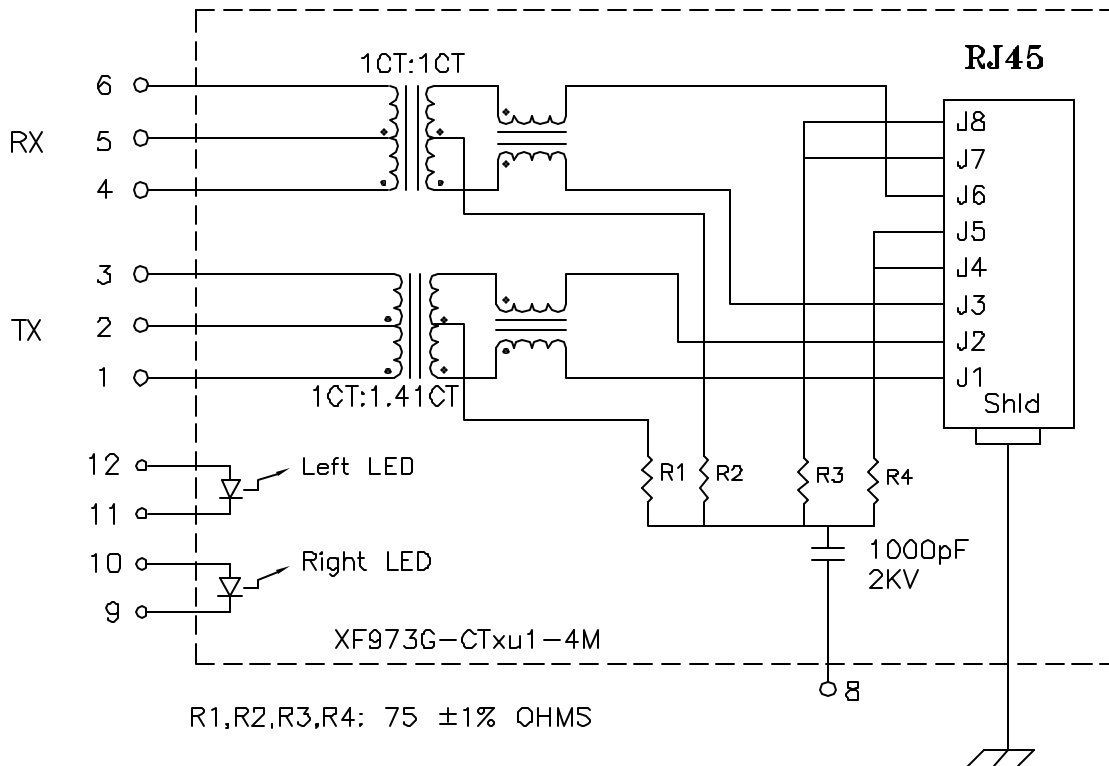


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500 Vac

Isolation Voltage: 500 Vac (1+2+3+4+5+6)

UTP SIDE DCL: 350uH Min @100KHz 100mV BmADC

Leakage Inductance: P6-P4 0.3uH Max @1MHz 100mV Short J6 and J3

Leakage Inductance: P3-P1 0.3uH Max @1MHz 100mV Short J2 and J1

Cww: (P6, P5, & P4) to (J6 & J3) 30pF Max @1MHz

Cww: (P3, P2, & P1) to (J2 & J1) 30pF Max @1MHz

DCR: (J6-J3) = (J2-J1) 1.2 Ohms Max

Rise Time (10-90%): 2.5ns Typ

Insertion Loss (100KHz-100MHz): -1.2dB Max

Return Loss: -18dB Min @1MHz - 30MHz

Return Loss: -12dB Min @60MHz - 80MHz

Crosstalk: 30dB Typ @1MHz to 100MHz

Common Mode to Differential Mode Rejection:

1MHz-100MHz -35dB Typ (Tx) / -35dB Typ (Rx)

Notes:

- Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
- Flammability: UL94V-0
- 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

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

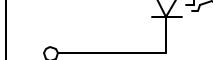
M=Green(1)/Yellow(2) Bicolor

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

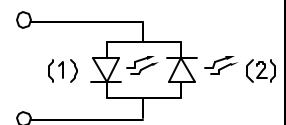
P=Red(1)/Green(2) Bicolor

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

Single Color LED:



Bi-Color LED:



XFMRs Inc

www.XFMRs.com

UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xxx ± 0.010

Dimensions in Inch

SHEET 1 OF 2

Title:

SINGLE PORT COMBO w/LED

P/N: XF973G-CTxu1-4M

REV. A

DWN.

廖玉坤

Jan-06-05

CHK.

李清儿

Jan-06-05

APP.

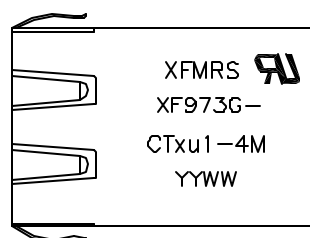
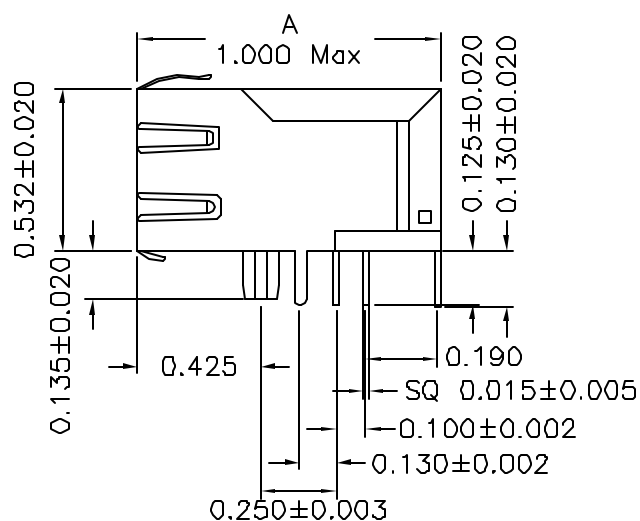
J Ng

Jan-06-05

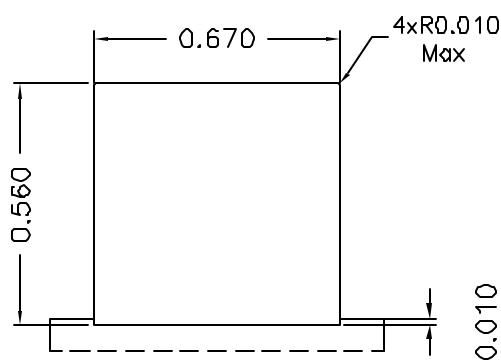
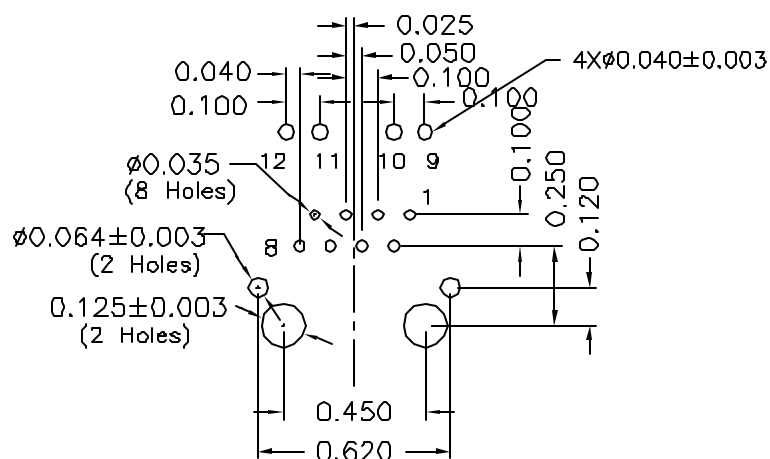
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Diagram showing the front view of the LED module assembly. The width is labeled $B = 0.640$. The height is labeled 0.150 . Labels indicate the LEFT LED and RIGHT LED positions. The assembly includes a central LED chip, a heat sink, and a mounting bracket.



Mounting Pattern:



FACE VIEW

RECOMMENDED PANEL CUTOUT

DOC. REV A/1

PROPRIETARY:

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XFMRs Inc www.XFMRs.com		Title: Mechanical Dimensions For TAB UB RJ45 COMBO	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XF973G-CTxu1-4M		REV. A
	DWN.	李小锋	Jan-06-05
	CHK.	廖玉坤	Jan-06-05
	SHEET 2 OF 2	APP.	J Ng