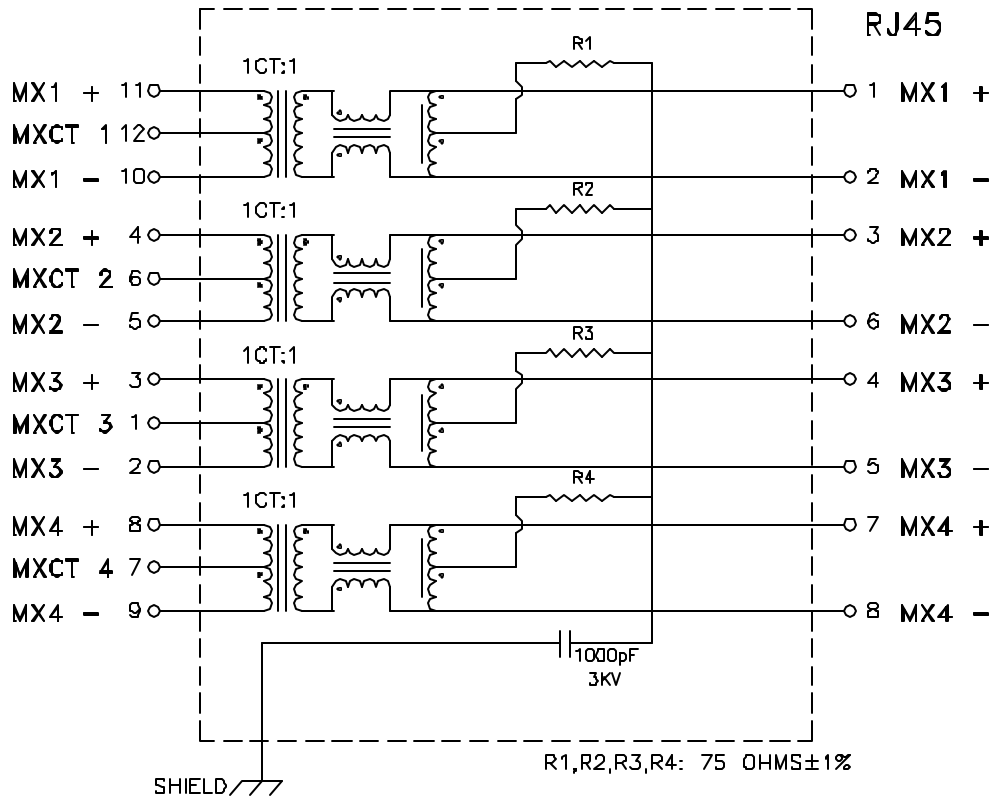


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms @60Hz 1MIN

Common Mode Rejection: @1-50MHz -30dB Typ

@50-130MHz -20dB Typ

Crosstalk: @1-10MHz -40dB Typ

@30-60MHz -35dB Typ

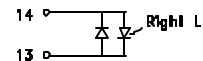
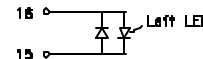
@60-100MHz -30dB Typ

Insertion Loss (1-100MHz): -1.0dB Typ

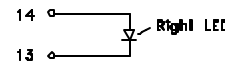
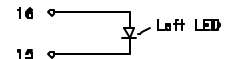
Return Loss: @1-10MHz -20dB Typ

@30MHz -16dB Typ

@60-80MHz -12dB Typ



BICOLOR LED SCHEMATIC



SINGLE COLOR LED SCHEMATIC

Crosstalk: @1-10MHz -40dB Typ

@30-60MHz -35dB Typ

@60-100MHz -30dB Typ

Insertion Loss (1-100MHz): -1.0dB Typ

Return Loss: @1-10MHz -20dB Typ

@30MHz -16dB Typ

@60-80MHz -12dB Typ

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

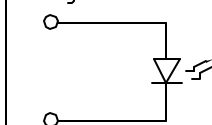
P=Red(1)/Green(2) Bicolor

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

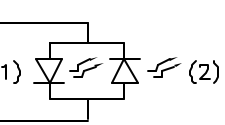
'x' = Left LED Color

'u' = Right LED Color

Single Color LED:



Bi-Color LED:



Notes:

1. Solderability: Leads shall meet MIL-STD-202G, Method 208H 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/10

XFMRS Inc
www.XFMRS.com

Title:

SINGLE PORT COMBO w/LEDs

UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xxx ±0.010

Dimensions in Inch

SHEET 1 OF 2

P/N: XFGIG12-CTxu1-4L

REV. A

DWN.

Juan Mao

May-04-07

CHK.

YK Liao

May-04-07

APP.

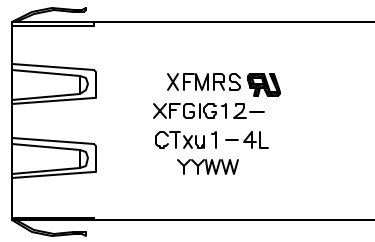
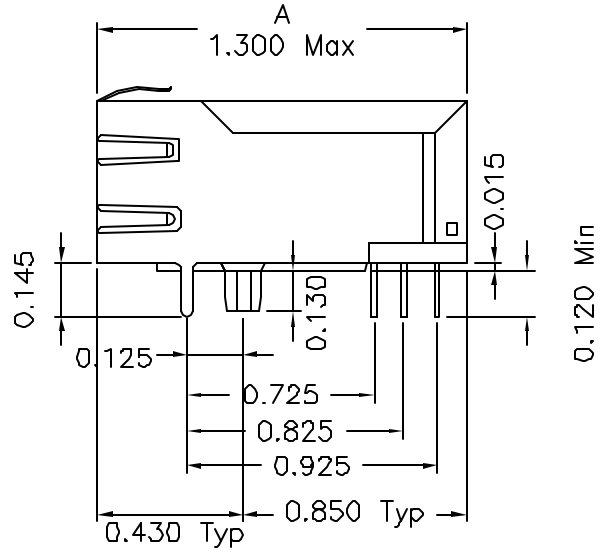
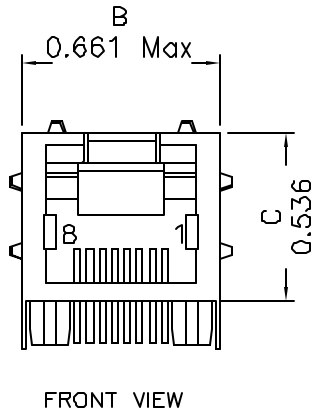
BW

May-04-07

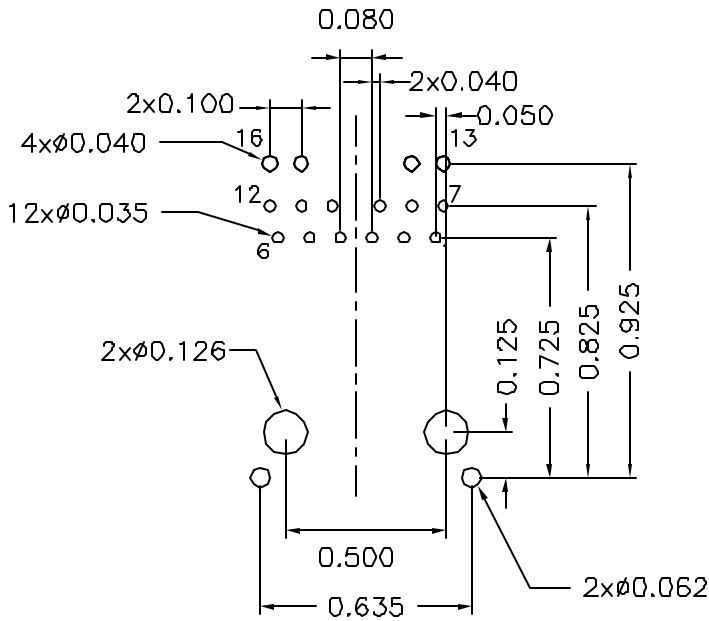
PROPRIETARY:

Document is the property of XFMRS Group & is not allowed to be duplicated without authorization.

Mechanical Dimensions:



Mounting Pattern:



DOC REV: A/10

XFMRS Inc www.XFMRS.com	Title: Mechanical Dimensions For TAB UP RJ45 COMBO	
	P/N: XFGIG12-CTxu1-4L	REV. A
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	DWN. Juan Mao	May-04-07
SHEET 2 OF 2	CHK. YK Liao	May-04-07
	APP. BW	May-04-07

PROPRIETARY:

Document is the property of XFMRS Group & is not allowed to be duplicated without authorization.