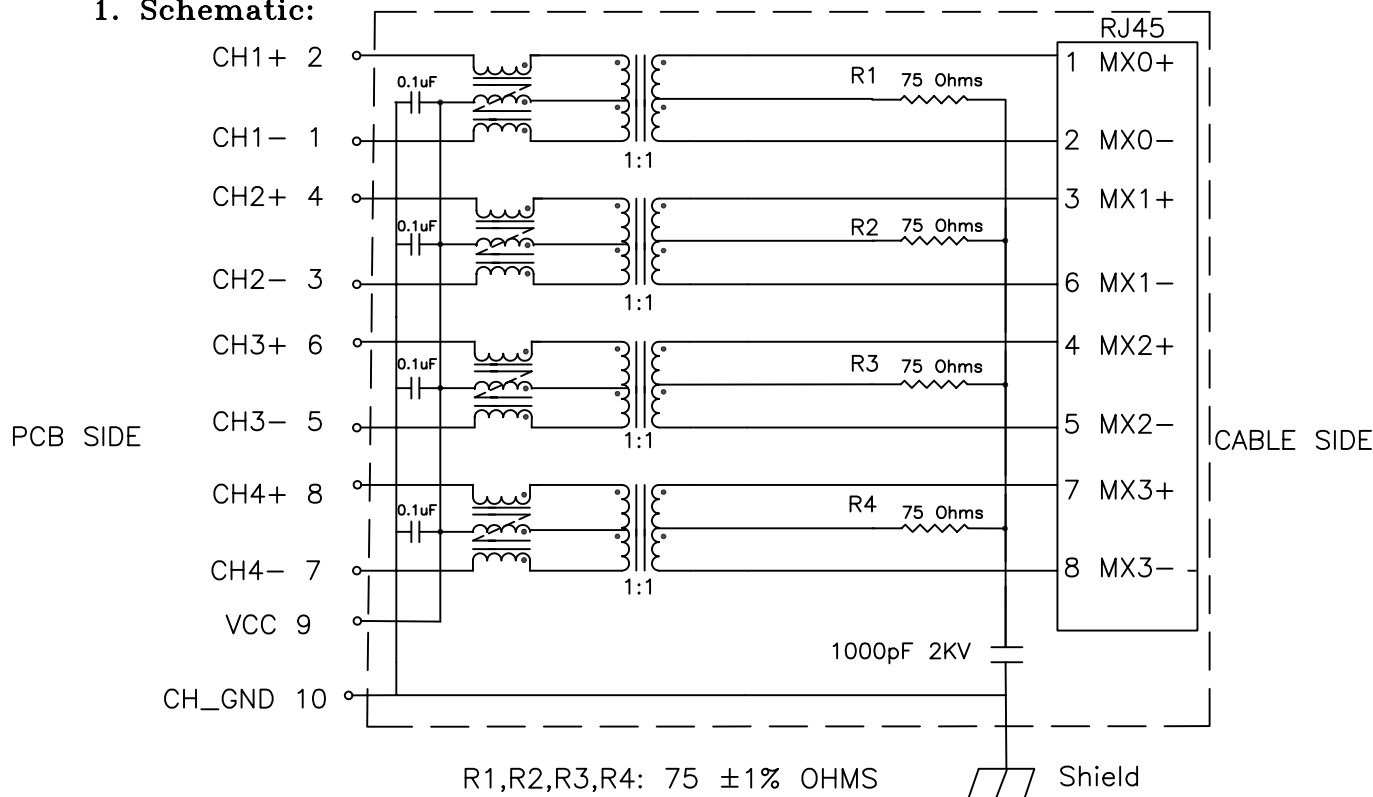


1. Schematic:



Electrical Specifications: @25°C

ISOLATION: 1500 Vrms

URNS RATIO: (PRI/SEC) 1CT:1CT ±2%

OCL: 350uH MIN @100KHz 100mV 8mADC

Q: 18 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

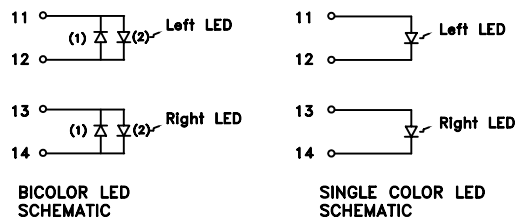
Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H 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
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Hipot spec refers to application to wound toroids only

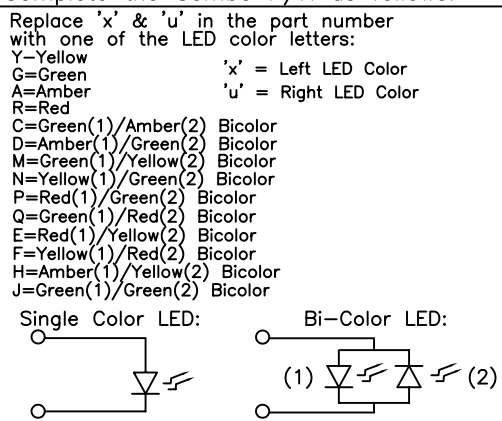
DOC. REV A/1

PROPRIETARY

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



Complete the Combo P/N as follows:



XFMRS Inc.
www.XFMRS.com

Title: "1" Tab Up 1X4 Port Combo

UNLESS OTHERWISE SPECIFIED
TOLERANCES:

P/N: XFGIG8BD-CTGxu4-4M

REV. A

.xxx ±0.010

Dimensions in Inch

DWN.

Xianyi

May-21-09

CHK.

YK Liao

May-21-09

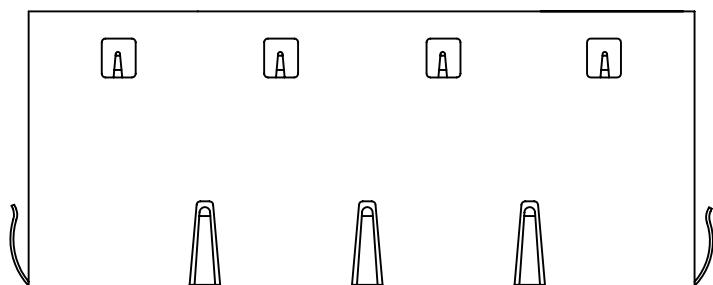
SHEET 1 OF 2

APP.

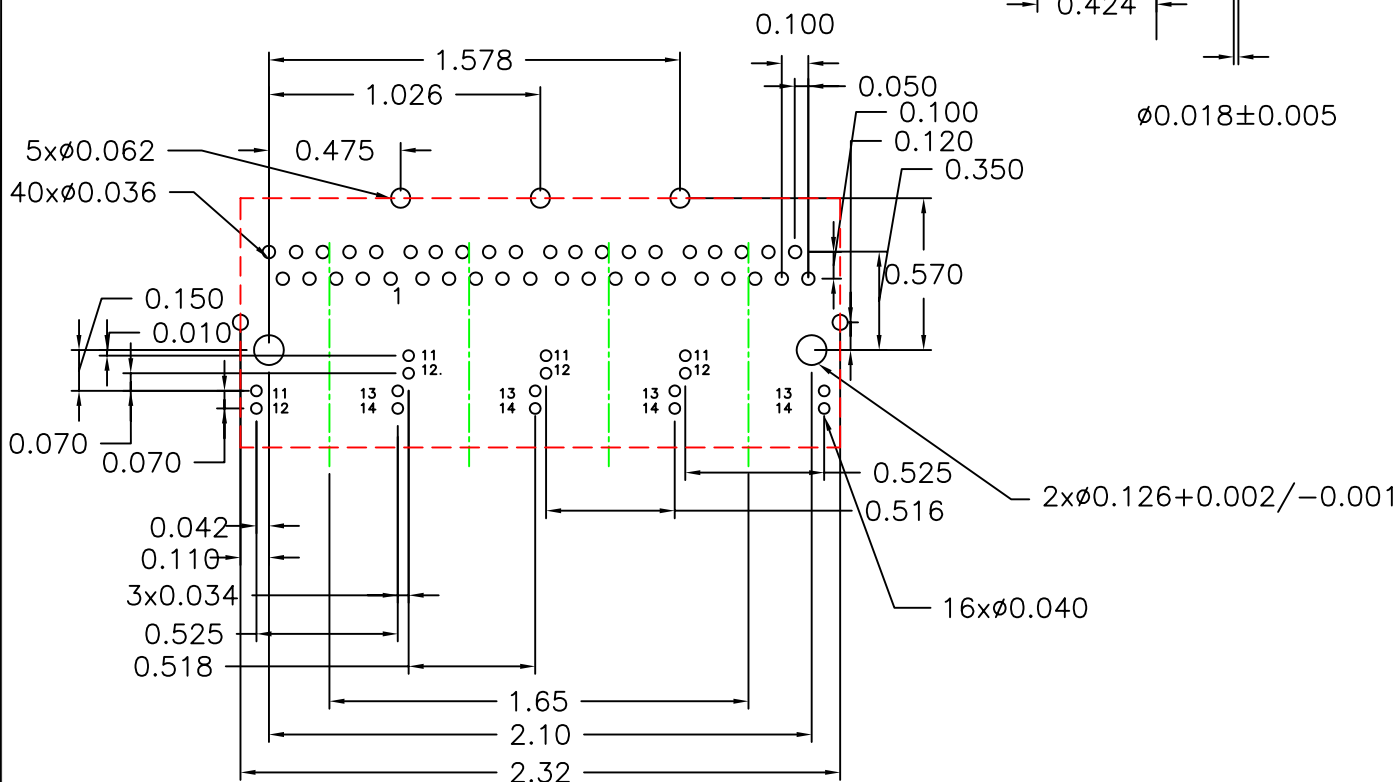
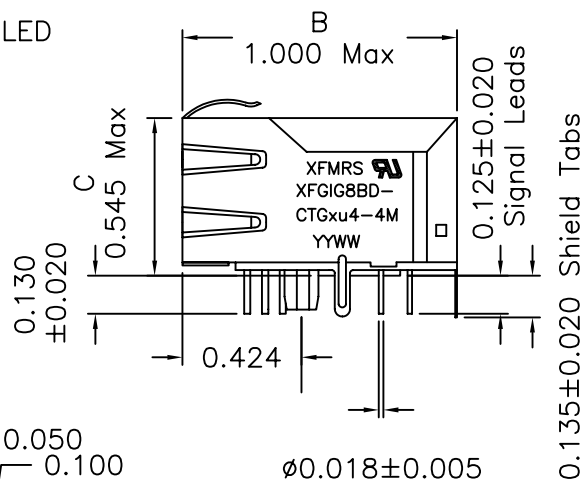
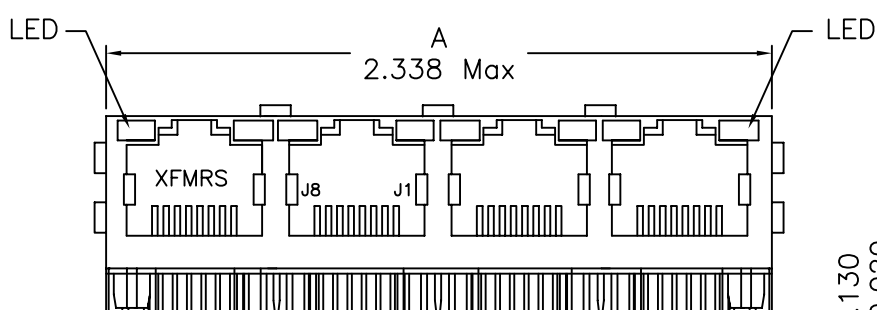
BW

May-21-09

Mechanical Dimensions: (FOR CTGxu4-4M)



Top view



Four Port Suggested Footprint: (Top View)

XFMRS Inc
www.XFMRS.com

Title: "1" INCH 1x4 PORT COMBO
TAB UP

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

P/N: XFGIG8BD-CTGxu4-4M

REV. A

DWN.

Xiany

May-21-09

CHK.

YK Liao

May-21-09

APP.

BW

May-21-09

DOC REV: A/1

PROPRIETARY

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

SHEET 2 OF 2