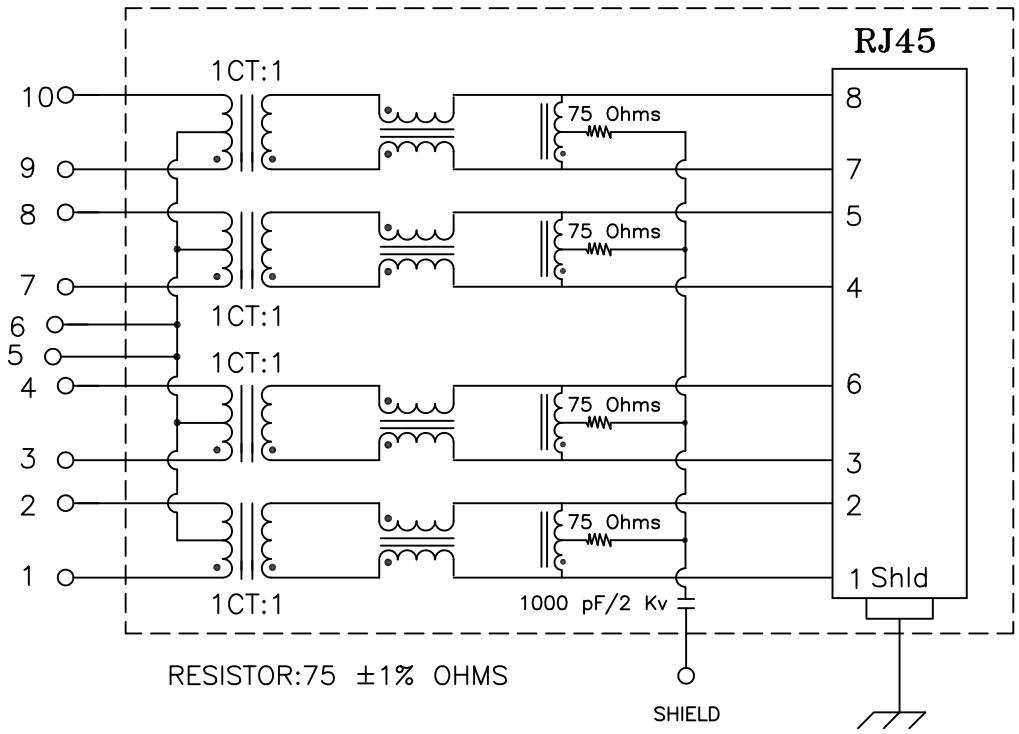
Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (Input to Output)

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

TURNS RATIO: (PRI/SEC) 1CT:1CT ±2%

Q: 5 Min @100KHz 0.1V

Insertion Loss: −1.0dB Typ @1−100 MHz

Return Loss: 1−30MHz 30−60MHz 60−80MHz

−16dB 16−20 Log(f/30 MHz)dB −10dB (Min)

CMRR: 1−60MHz 60−100MHz

−40dB −35dB (Min)

Cross Talk: 1−60MHz 60−100MHz

−40dB −38dB (Min)

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/1

PROPRIETARY:
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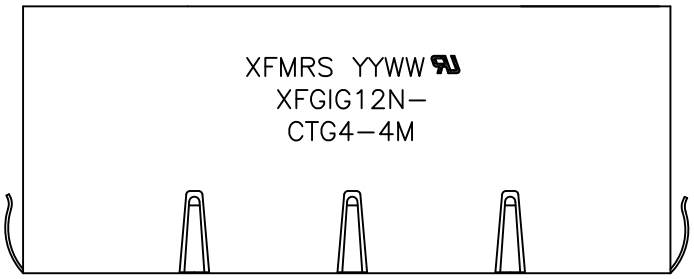
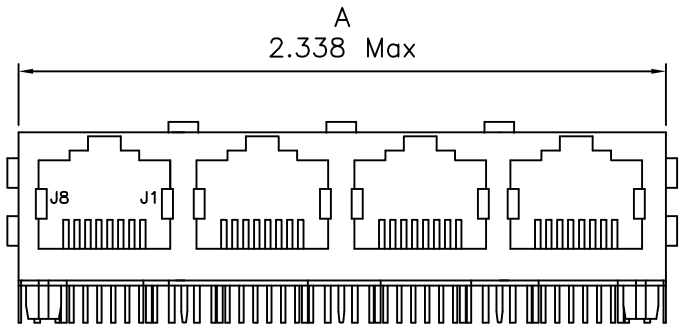
XFMRS Inc. www.XFMRS.com	Title: Gigabit W/O LED COMBO		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFGIG12N−CTG4−4M		REV. A
	DWN.	Yuan	Apr−03−14
	CHK.	YK Liao	Apr−03−14
SHEET 1 OF 2	APP.	DDC	Apr−03−14

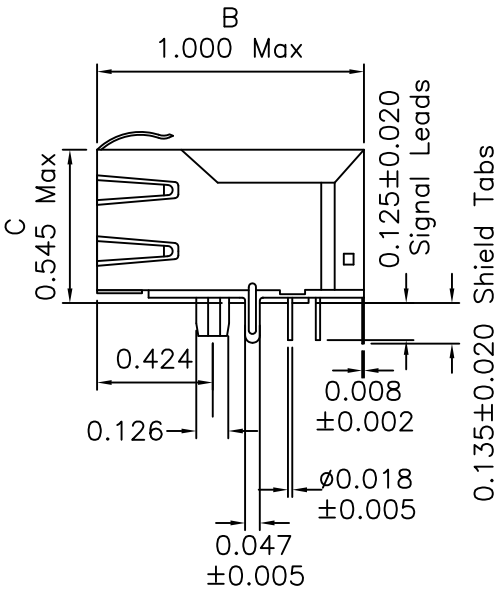
Mechanical Dimensions: (FOR CTG4-4M)



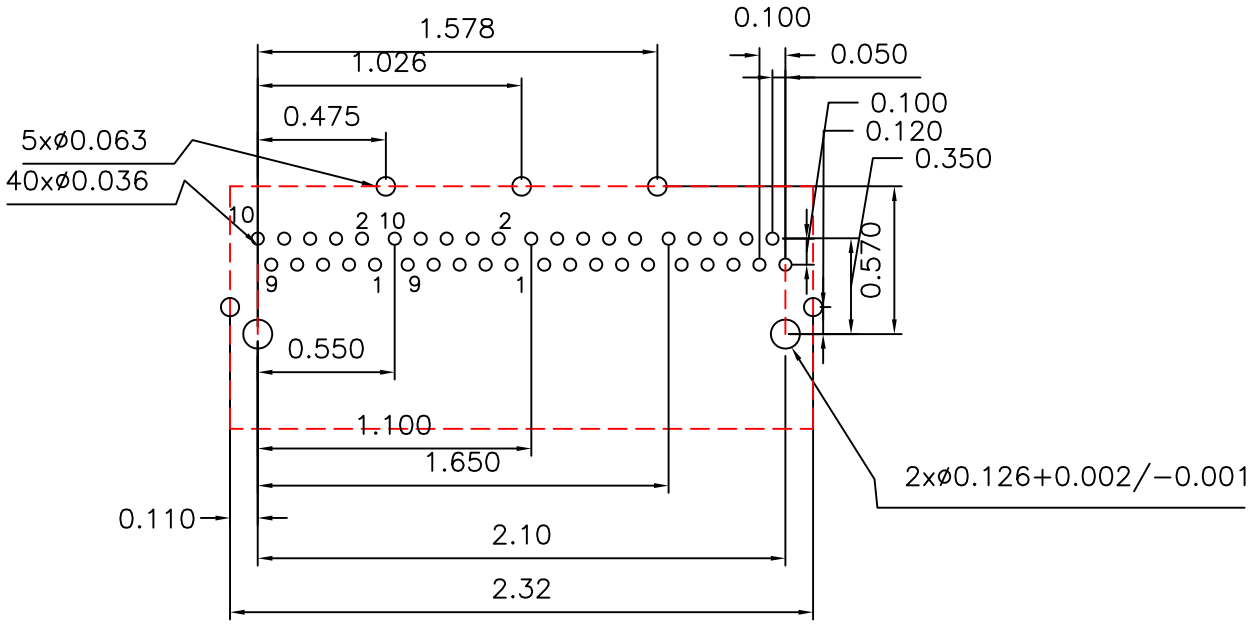
Top view



Front view



Side view



Four Port Suggested Footprint: (Top View)

DOC. REV: A/1

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XFMRS Inc www.XFMRS.com	Title: "1" FOUR PORT GIGABIT COMBO TAB UP		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFGIG12N-CTG4-4M		REV. A
	DWN.	Yuan	Apr-03-14
	CHK.	YK Liao	Apr-03-14
SHEET 2 OF 2	APP.	DDC	Apr-03-14