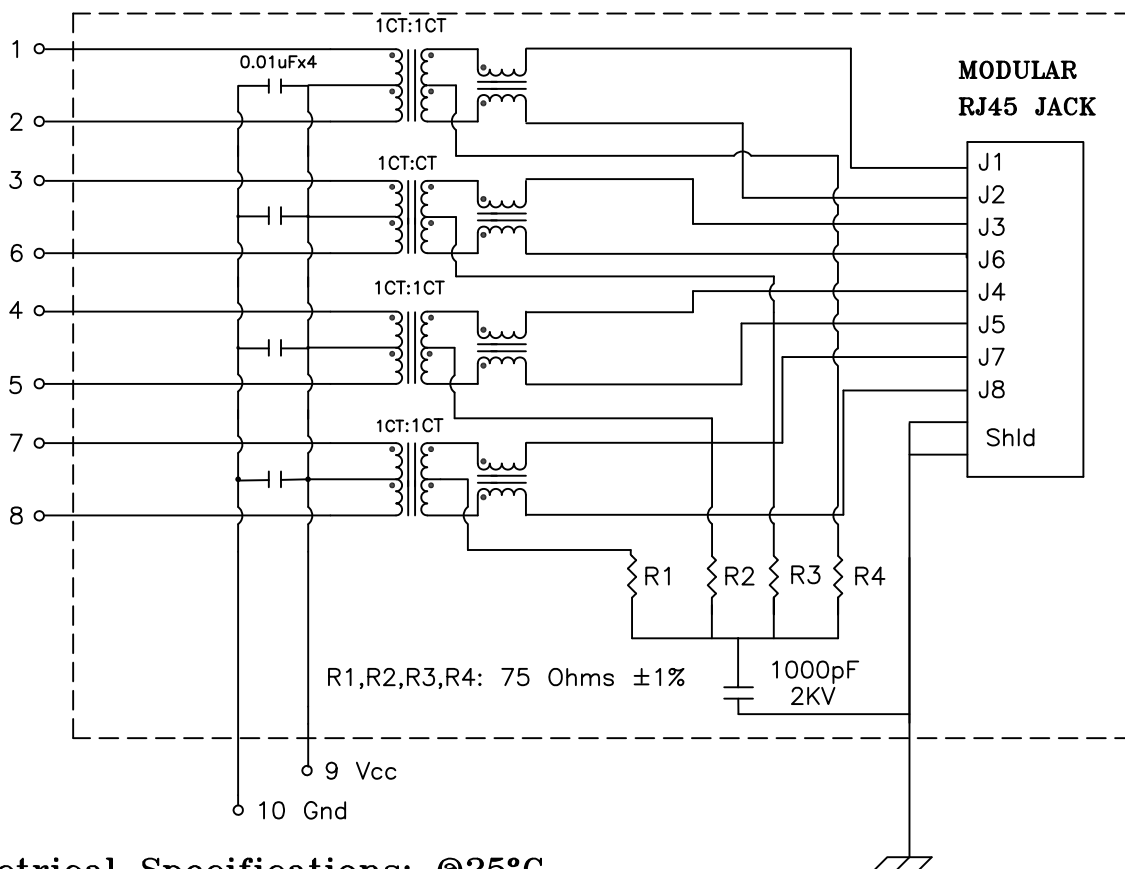


**Schematic: (Four Ports)**



**Electrical Specifications: @25°C**

ISOLATION: 1500Vrms (Pri to Sec)  
 TURNS RATIO: (PRI/SEC) 1CT:1CT ±3%  
 OCL: 350uH MIN @100KHz 100mV 8mADC  
 Q: 5 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:**

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

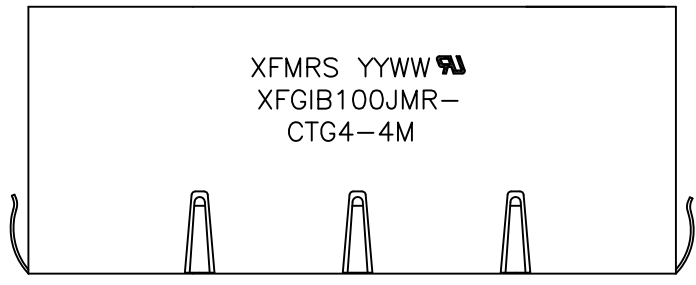
<b>XFMRs Inc</b> www.XFMRs.com	Title: FOUR PORTS GIGABIT COMBO		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010	P/N: XFGIB100JMR-CTG4-4M	REV. A
Dimensions in Inch	DWN. Yuan	Aug-05-15	
SHEET 1 OF 2	CHK. YK Liao	Aug-05-15	
	APP. BSJ	Aug-05-15	

DOC REV: A/2

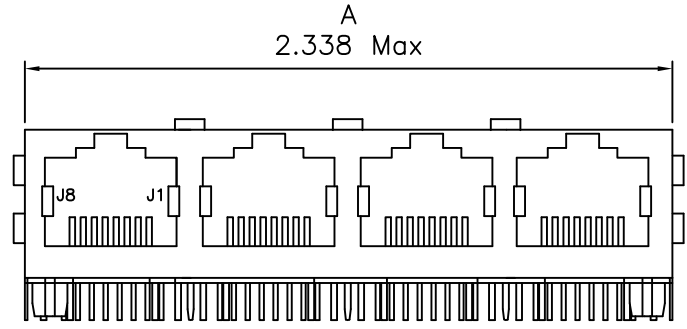
**PROPRIETARY:**

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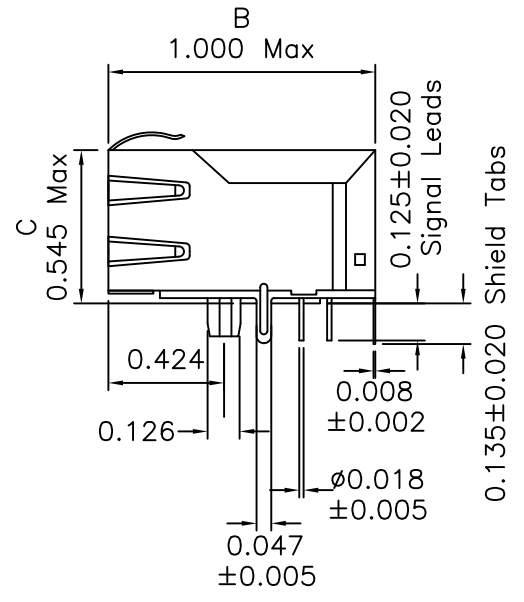
# Mechanical Dimensions: (FOR CTG4-4M)



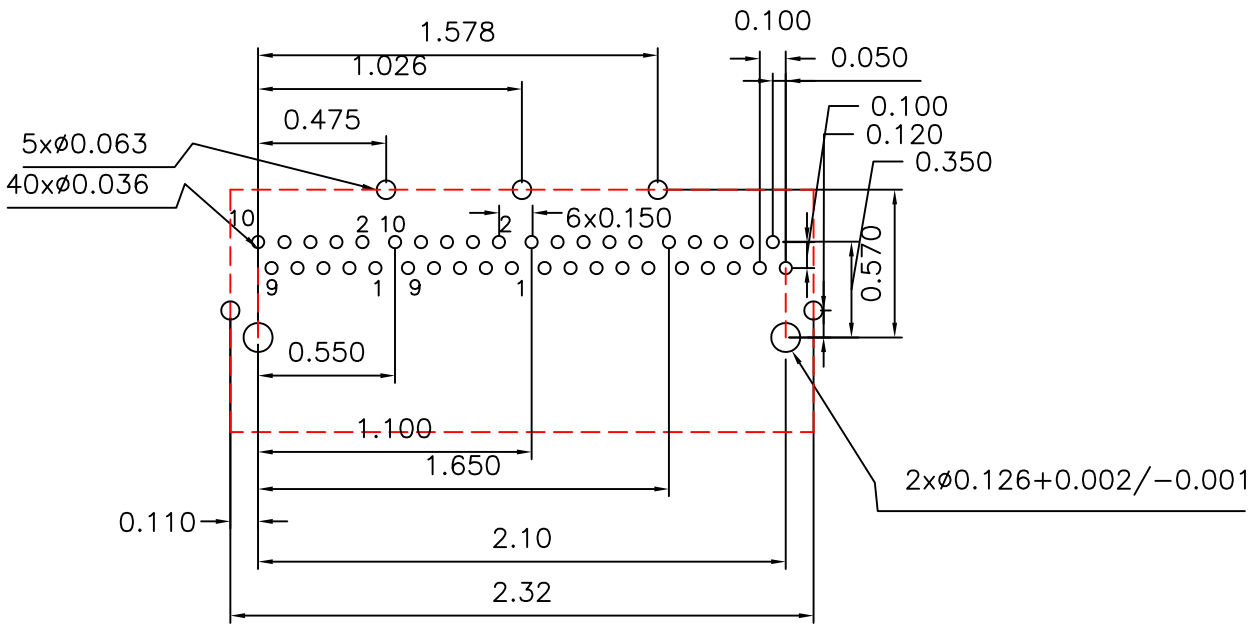
Top view



Front view



Side view



Four Port Suggested Footprint: (Top View)

DOC. REV: A/2	<b>XFMRS Inc</b> www.XFMRS.com		Title: "1" FOUR PORT GIGABIT COMBO TAB UP	
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch		P/N:XFGIB100JMR-CTG4-4M	REV. A
	DWN.	Yuan	Aug-05-15	
	CHK.	YK Liao	Aug-05-15	
SHEET 2 OF 2		APP.	BSJ	Aug-05-15

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