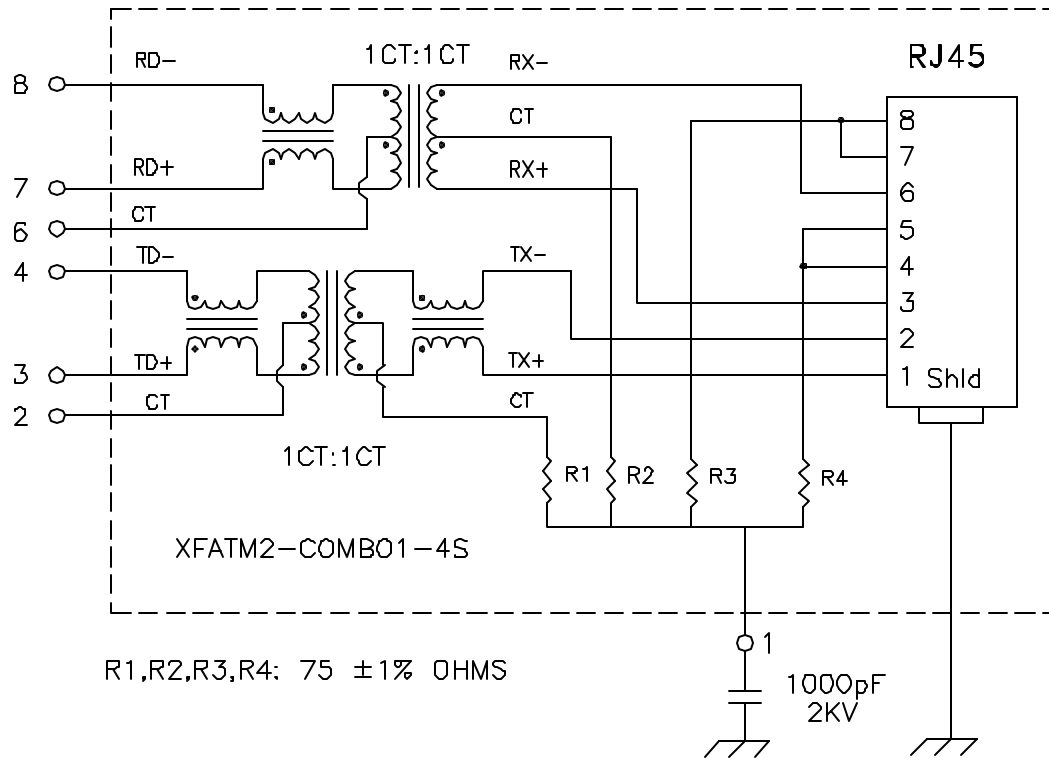


Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500Vrms
 UTP SIDE QCL: 350uH Min @100KHz 100mV 8mADC
 Rise Time (10-90%): 2.5ns Typical
 Insertion Loss (300KHz-100MHz): -1.1dB Maximum
 Insertion Loss (100MHz-125MHz): -1.5dB Maximum
 Return Loss: -18dB Min. @30MHz
 -12dB Min. @80MHz

Crosstalk:

300KHz-60MHz -40dB Typical
 60MHz-100MHz -38dB Typical

Common Mode to Differential Mode Rejection:

300KHz-60MHz -45dB Typ (Tx) / -40dB Typ (Rx)
 60MHz-100MHz -40dB Typ (Tx) / -35dB Typ (Rx)

Q: 1B Min @100KHz 0.1V

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: C/8

XFMRs Inc
 www.XFMRS.com

Title: **SINGLE PORT COMBO**

UNLESS OTHERWISE SPECIFIED
 TOLERANCES:
 .xxx $\pm$ 0.010
 Dimensions in Inch

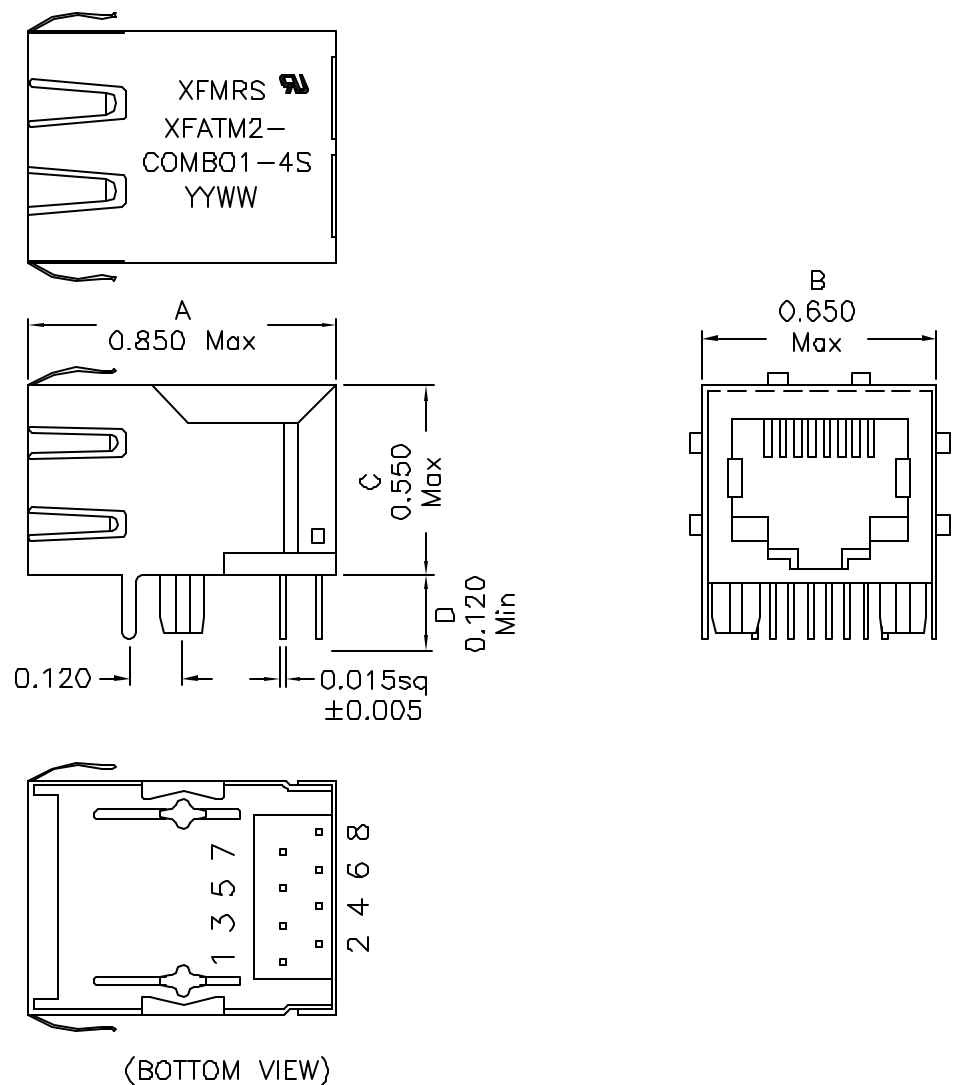
P/N: XFATM2-COMBO1-4S	REV. C
DWN.	Xian yi
CHK.	YK Liao
APP.	Joe Huff

SHEET 1 OF 2

PROPRIETARY:

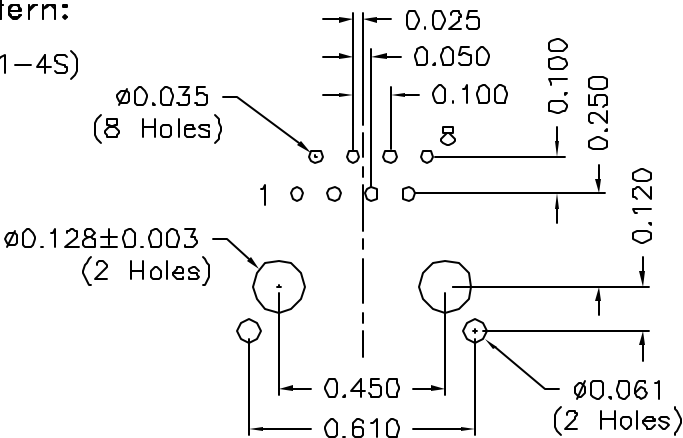
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Mechanical Dimensions:



Mounting Pattern:

(FOR COMBO1-4S)
(COMP SIDE)



XFMRS Inc.	Title: Mechanical Dimensions For COMBO1-4S Series		
	P/N: XFATM2-COMBO1-4S		REV. C
	DWN.	Xian yi	Dec-21-09
	CHK.	YK Liao	Dec-21-09
	APP.	Joe Huff	Dec-21-09