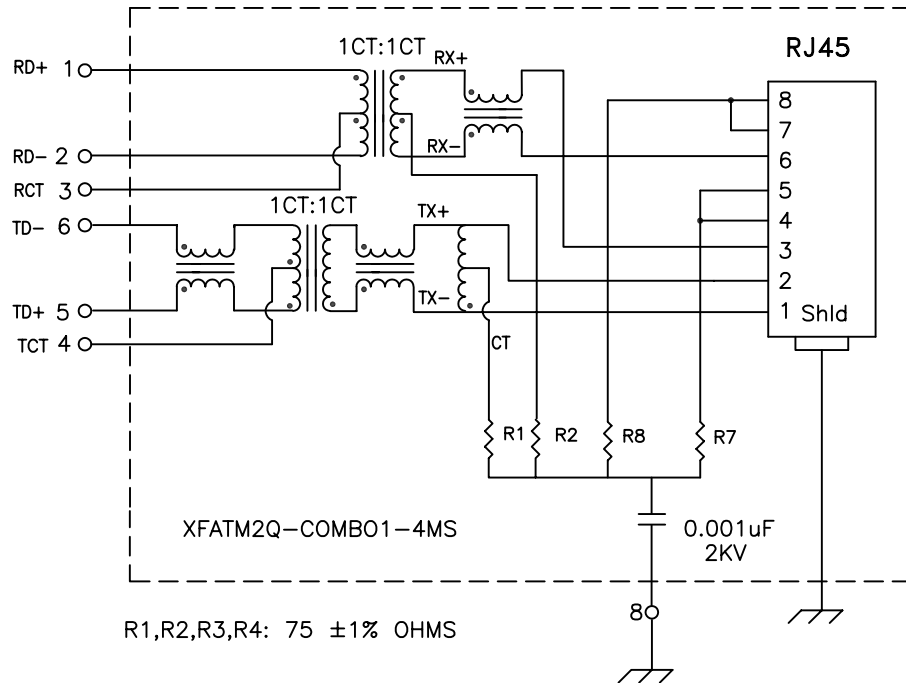


## Schematic:



## Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (INPUT to OUTPUT)  
 UTP SIDE OCL: 350uH Min @100KHz 100mV 8mADC  
 Rise Time (10-90%): 2.5ns Typical  
 Insertion Loss (100KHz-100MHz): -1.1dB Maximum  
 Insertion Loss (100MHz-125MHz): -1.5dB Maximum  
 Return Loss: -20dB Min. @30MHz  
 -15dB Min. @80MHz

### Crosstalk:

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

### Common Mode to Differential Mode Rejection:

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

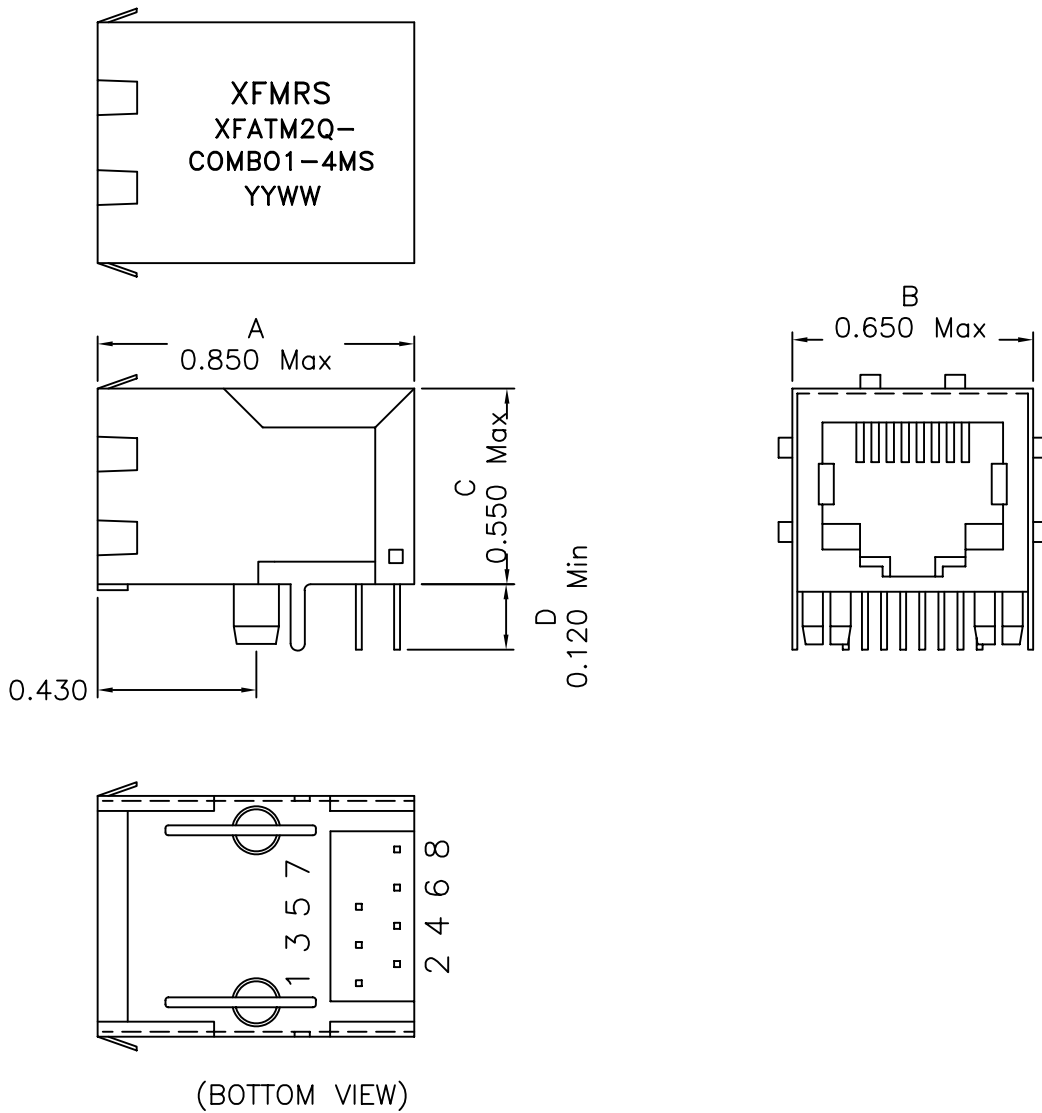
### Note:

1. Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
2. Flammability: UL94V-0,
3. ASTM oxygen index: > 28% ,
4. Temperature rating: 155°C. UL file E151556,
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C

DOC. REV A/2

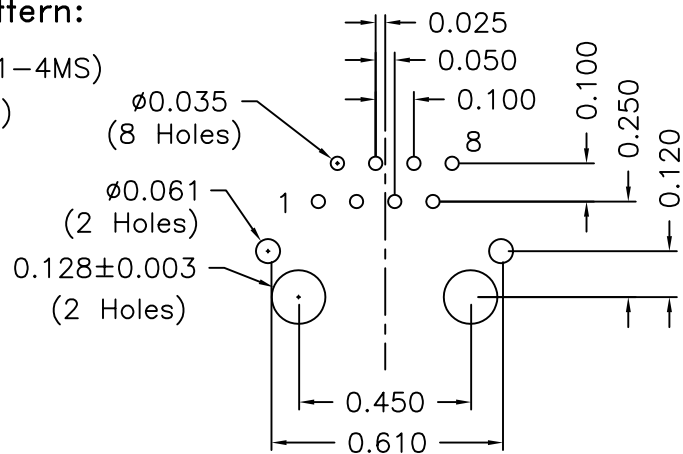
<b>XFMRs Inc.</b>		Title: SINGLE PORT COMBO	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	XFATM2Q-COMBO1-4MS		REV. A
	DWN.	廖玉坤	Nov-27-00
	CHK.	李清儿	Nov-27-00
	SHEET 1 OF 1	APP.	BW Nov-27-00

# Mechanical Dimensions:



## Mounting Pattern:

(FOR COMBO1-4MS)  
(COMP SIDE)



DOC. REV: A/2

<b>XFMRS Inc.</b>	Title: Mechanical Dimensions For COMBO1-4MS Series	
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	XFATM2Q-COMBO1-4MS REV. A
DWN.	廖玉坤	Nov-27-00
CHK.	李清儿	Nov-27-00
SHEET 2 OF 2	APP. BW	Nov-27-00