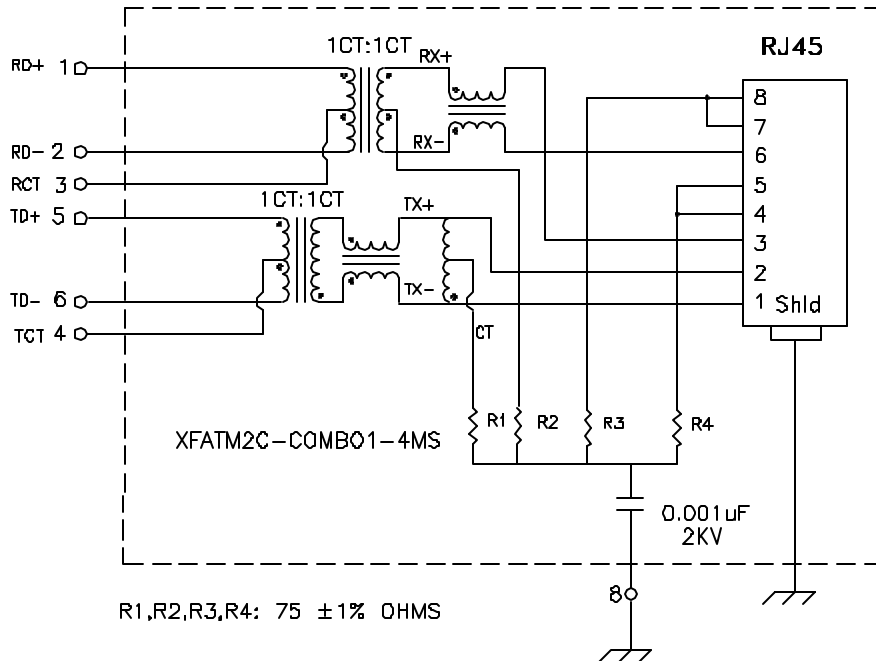


Schematic:



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 (300KHz-100MHz): -1.1dB Maximum
 Insertion Loss (100MHz-125MHz): -1.5dB Typ.
 Return Loss: -20dB Typ. @30MHz
 -15dB Typ. @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)

Notes:

1. Solderability: Leads shall meet MIL-STD-202, Method 2080 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. SMD Lead Coplanarity: ± 0.004 "(0.102mm)
9. Moisture Sensitivity: Level 2

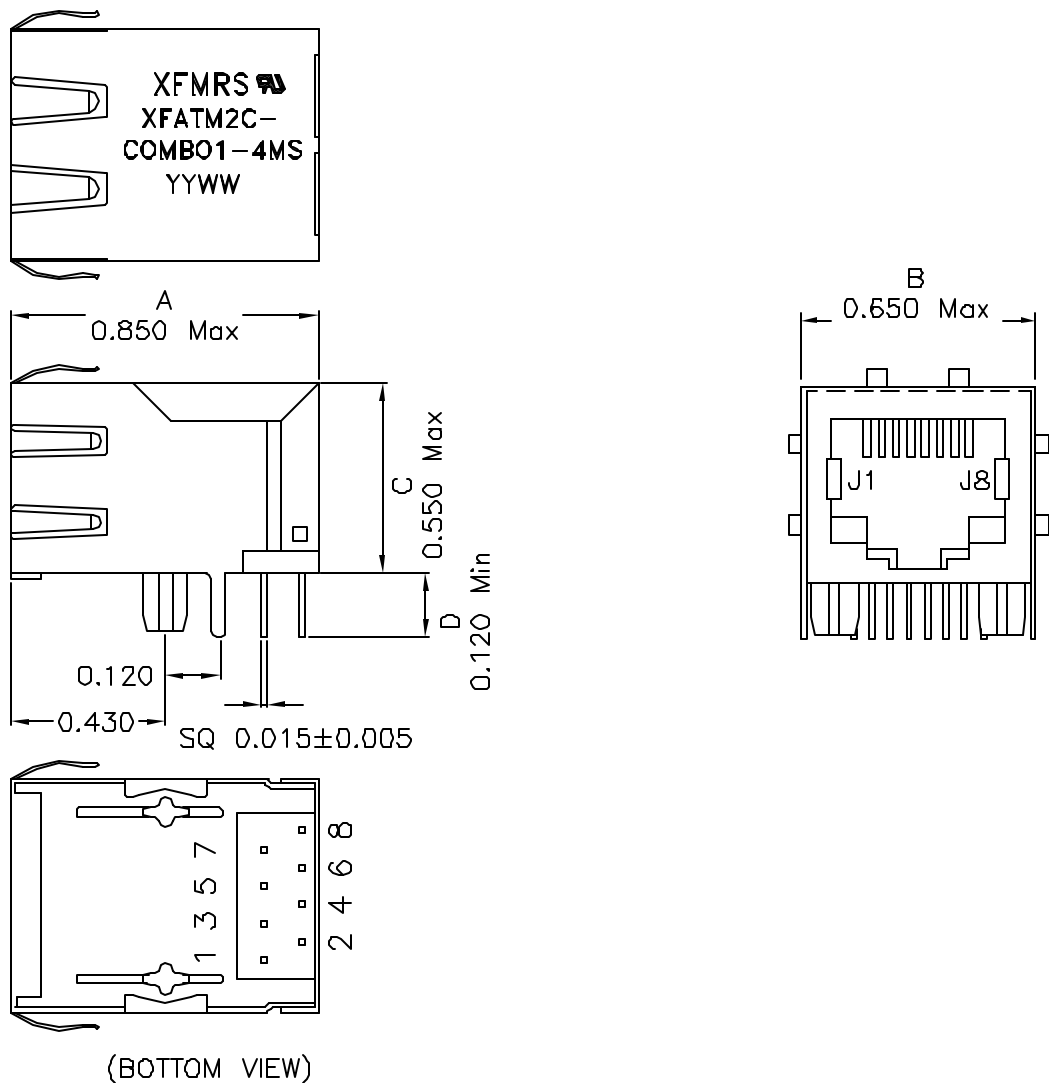
DOC REV: A/9

XFMRs Inc.		Title: SINGLE PORT COMBO	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx \pm 0.010 Dimensions in Inch	XFATM2C-COMBO1-4MS		REV. A
	DWN.	Juan Mao	Sep-17-04
	CHK.	YK Liao	Sep-17-04
	APP.	J Ng	Sep-17-04
SHEET 1 OF 1			

PROPRIETARY:

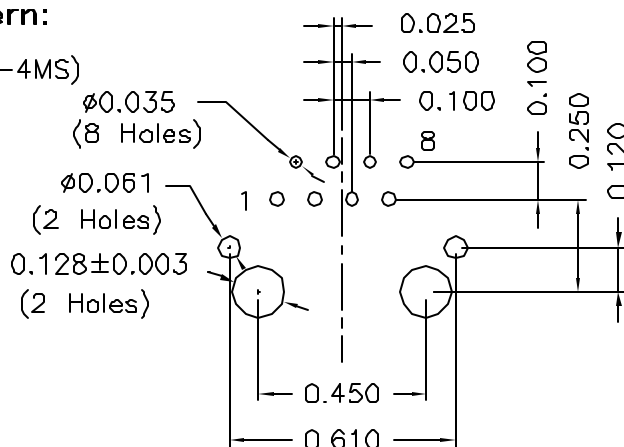
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Mechanical Dimensions:



Mounting Pattern:

(FOR COMBO1-4MS)
(COMP SIDE)



DOC REV: A/9

XFMRS Inc.	Title: Mechanical Dimensions For COMBO1-4MS Series		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	XFATM2C-COMBO1-4MS	REV. A
SHEET 2 OF 2	DWN.	Juan Mao	Sep-17-04
	CHK.	YK Liao	Sep-17-04
	APP.	J Ng	Sep-17-04

PROPRIETARY:

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