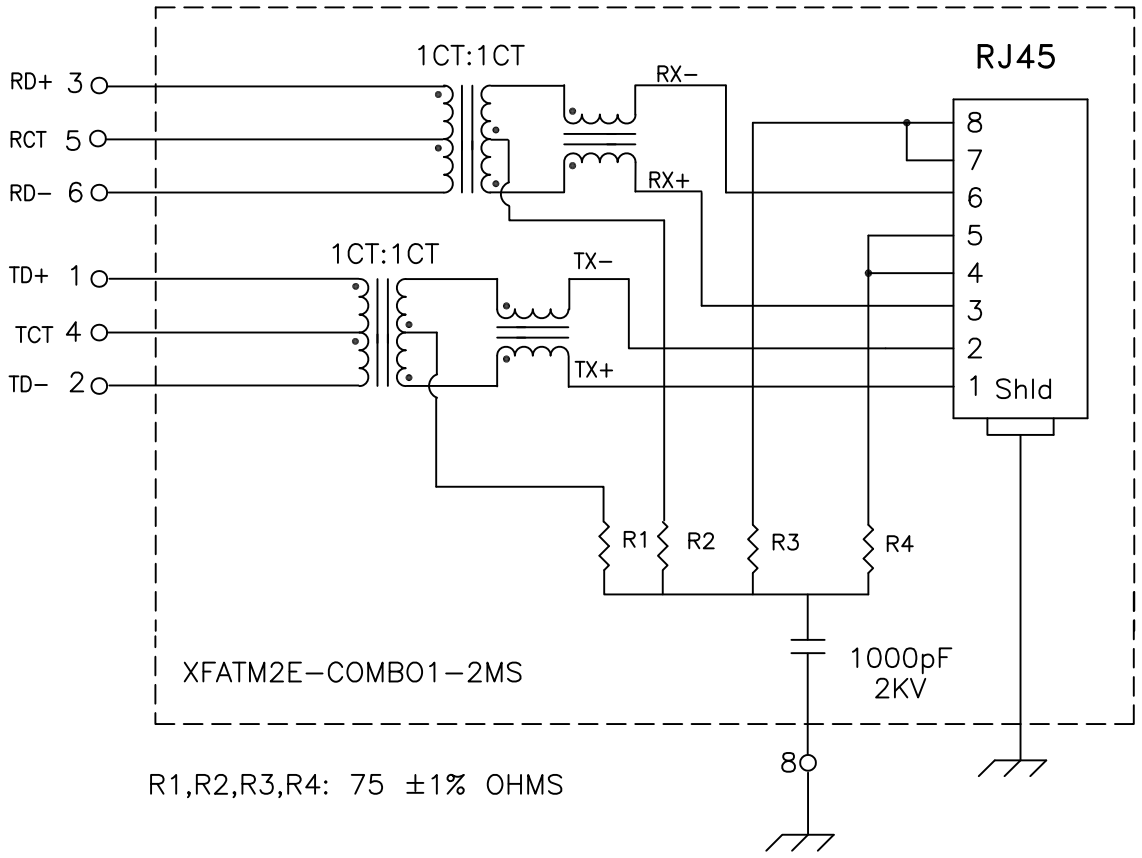
Schematic:



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 Typ. @30MHz
–15dB Typ. @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)
Q: 5 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. 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/8

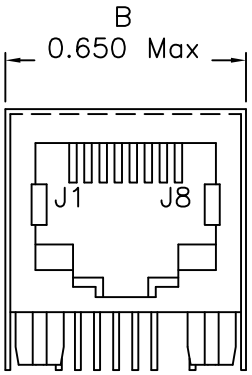
PROPRIETARY:
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XFMRS Inc. www.XFMRS.com	Title: SINGLE PORT COMBO		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	XFATM2E–COMBO1–2MS		REV. A
	DWN.	Yuan	Apr–24–13
	CHK.	YK Liao	Apr–24–13
SHEET 1 OF 1	APP.	BSJ	Apr–24–13

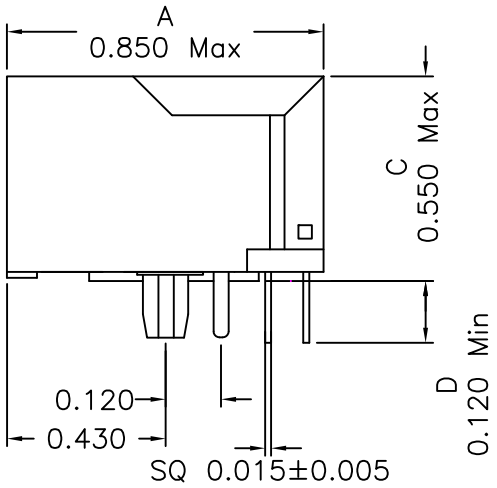
Mechanical Dimensions:



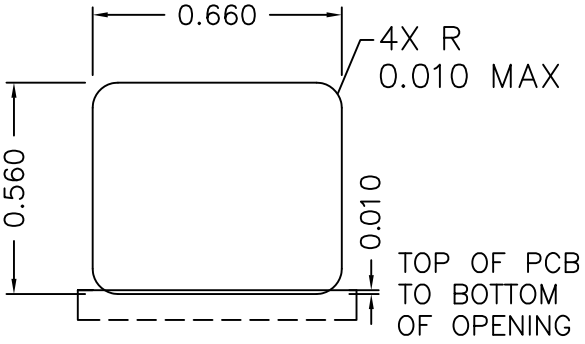
(TOP VIEW)



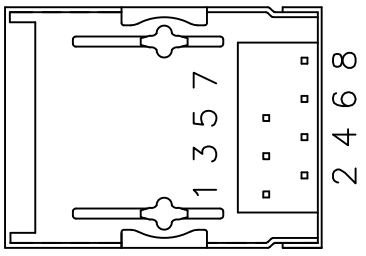
(FRONT VIEW)



(SIDE VIEW)



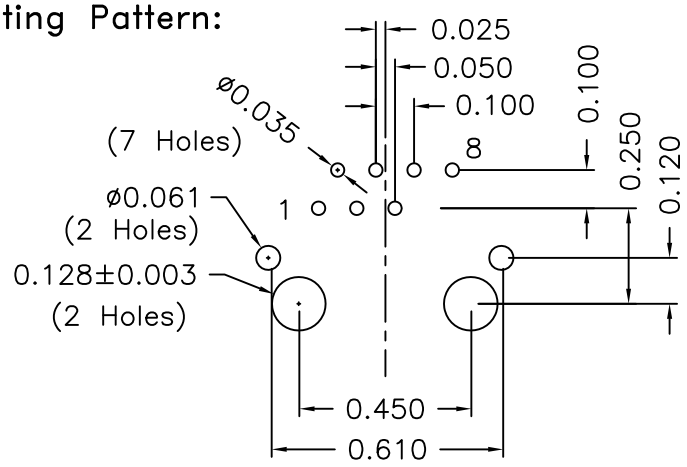
SUGGESTED PANEL
CUTOUT DIMENSIONS



(BOTTOM VIEW)

*****REMOVED PIN#7

Mounting Pattern:



XFMRS Inc. www.XFMRS.com	Title: Mechanical Dimensions For COMBO1-2MS Series		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFATM2E-COMBO1-2MS		REV. A
	DWN.	Yuan	Apr-24-13
	CHK.	YK Liao	Apr-24-13
SHEET 2 OF 2	APP.	BSJ	Apr-24-13

DOC. REV: A/8

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