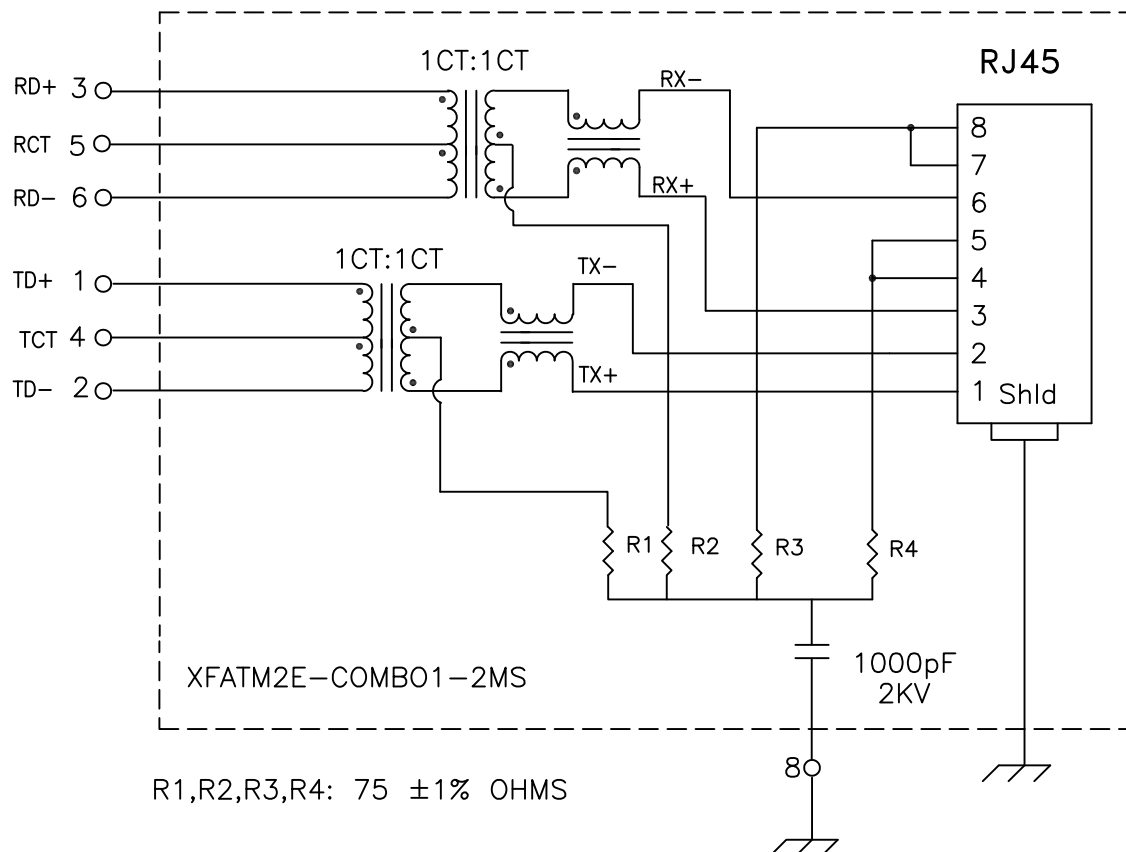


Schematic:



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

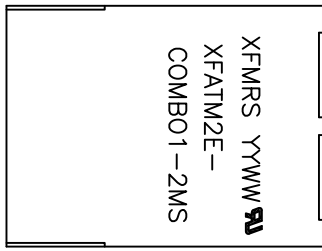
DOC. REV A/8

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
SHEET 1 OF 1		CHK.	YK Liao Apr-24-13
		APP.	BSJ Apr-24-13

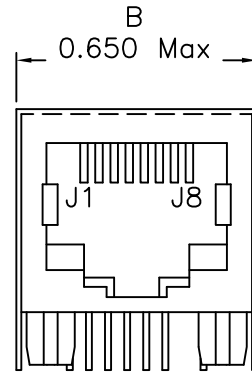
PROPRIETARY:

Document is the property of XFMRs Group & is not allowed to be duplicated without authorization.

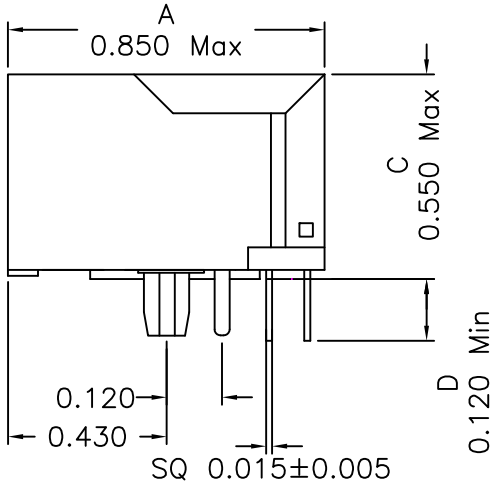
Mechanical Dimensions:



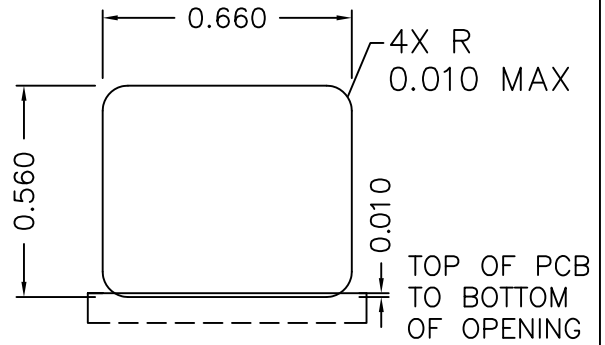
(TOP VIEW)



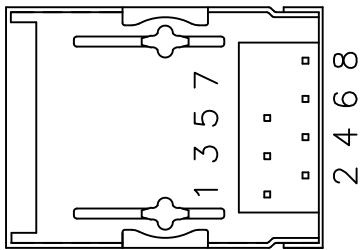
(FRONT VIEW)



(SIDE VIEW)

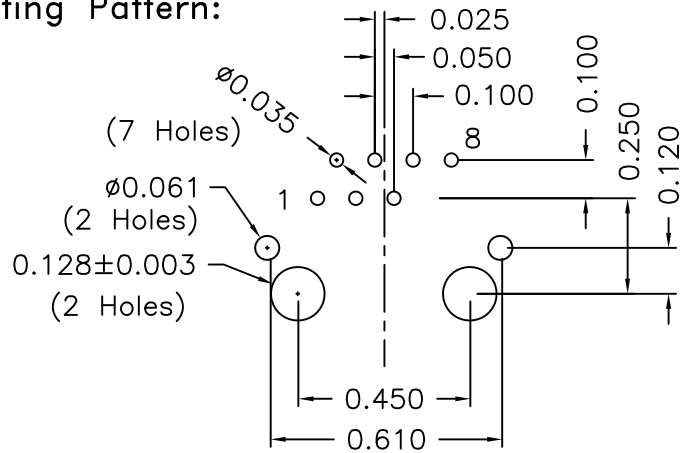


SUGGESTED PANEL CUTOUT DIMENSIONS



(BOTTOM VIEW)

Mounting Pattern:



*****REMOVED PIN#7

DOC. REV: A/8

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
	CHK. YK Liao Apr-24-13		
SHEET 2 OF 2	APP. BSJ		Apr-24-13

PROPRIETARY:

Document is the property of XFMRS Group & is not allowed to be duplicated without authorization.