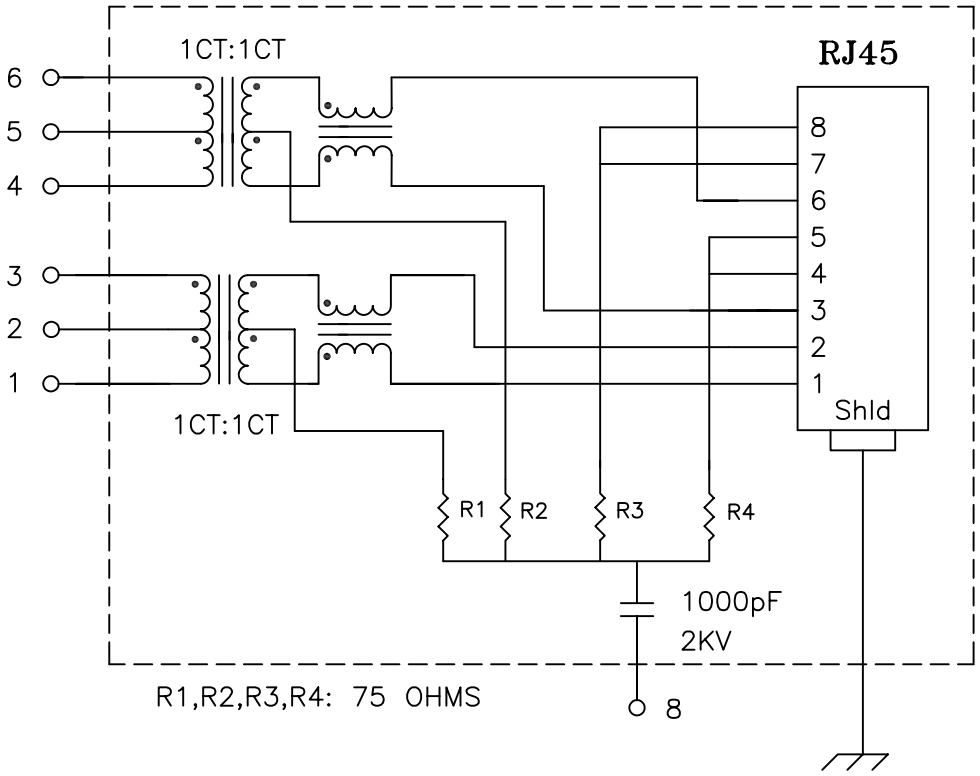
Schematic:



Electrical Specifications: @25°C

Isolation Voltage: 1500 Vrms (Input to Output)
Isolation Voltage: 500 Vrms (P1+2+3 to P4+5+6)
Turns Ratio: TX 1CT:1CT ±3% RX 1CT:1CT ±3%
CABLE SIDE OCL: 350uH Minimum @100KHz 100mV 8mADC
Q: 18 Minimum @100KHz 100mV
CABLE SIDE Cw/w: 30pF Max @1MHz 100mV
CABLE SIDE LL: 0.300uH Max @1MHz 100mV, Short Sec
DCR: (J6−J3)=(J2−J1) 1.2 Ohms Max
Insertion Loss (100KHz−100MHz): −1.10dB Typ
Return Loss: @1−30MHz −18dB Typ
@60−80MHz −12dB Typ
Cross Talk (1MHz−100MHz): −40dB Typ
Common to Common Mode Attenuation: (30MHz−100MHz) −35dB Typ
Rise Time: 1Vpeak Output 3.0nSec Max
112nSec Pulse Width 3nSec Max

Notes:

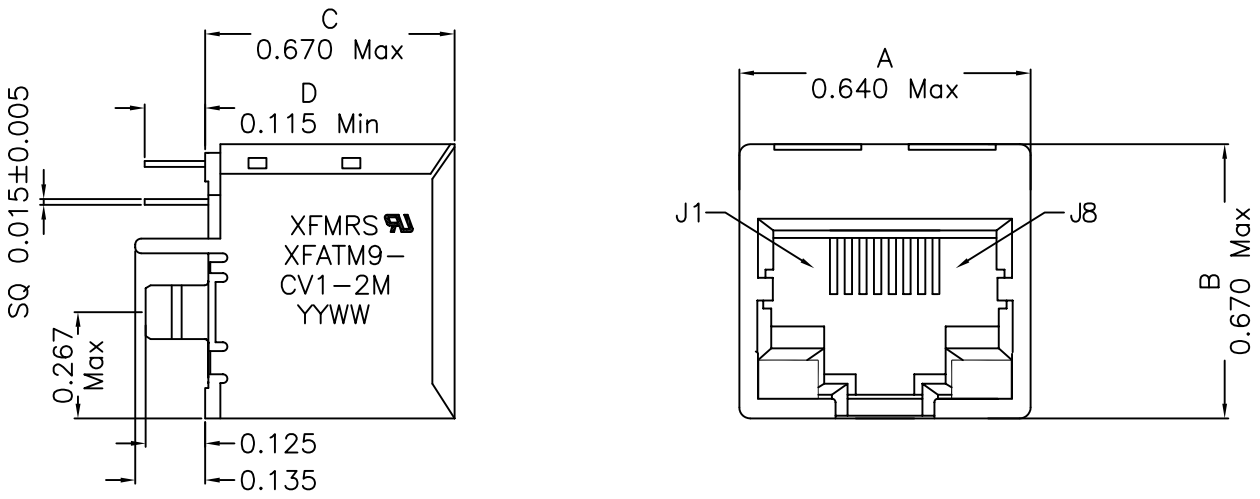
1. Solderability: Leads shall meet MIL−STD−202G, Method 208H for solderability.
2. Flammability: UL94V−0
3. ASTM oxygen index: > 28%
4. UL Recognized Component: File Number E200238
5. Operating Temperature Range: All listed parameters are to be within tolerance from −40°C to +85°C
6. Storage Temperature Range: −55°C to +125°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

DOC. REV: A/4

PROPRIETARY:
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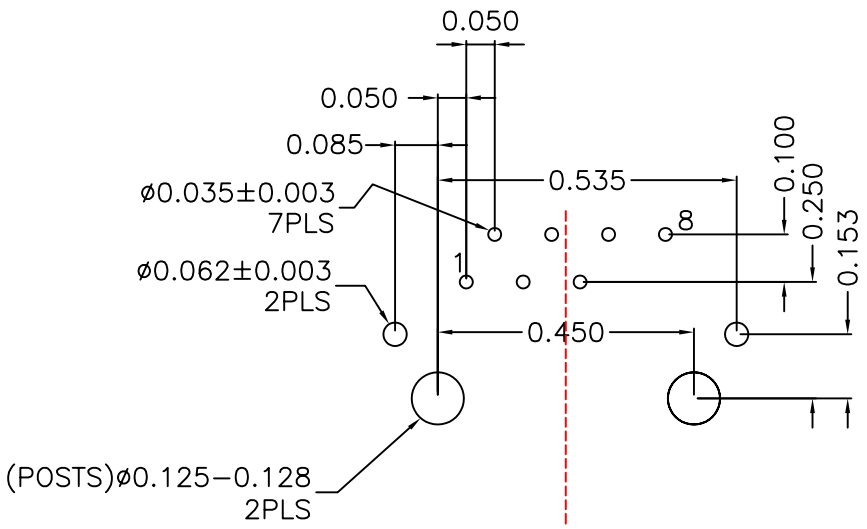
XFMRS Inc. www.XFMRS.com	Title: VERTICAL MOUNT COMBO		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFATM9−CV1−2M		REV. A
	DWN.	Mei Chen	Oct−28−10
	CHK.	YK Liao	Oct−28−10
SHEET 1 OF 2	APP.	BW	Oct−28−10

Mechanical Dimensions:



Mounting Pattern:

*Remove Pin#7



P.C.B RECOMMENDED HOLE LAYOUT

DOC REV: A/4

PROPRIETARY:
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XFMRS Inc. www.XFMRS.com	Title: Mechanical Dimensions For CV1-2M Series		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFATM9-CV1-2M		REV. A
	DWN.	Mei Chen	Oct-28-10
	CHK.	YK Liao	Oct-28-10
SHEET 2 OF 2	APP.	BW	Oct-28-10