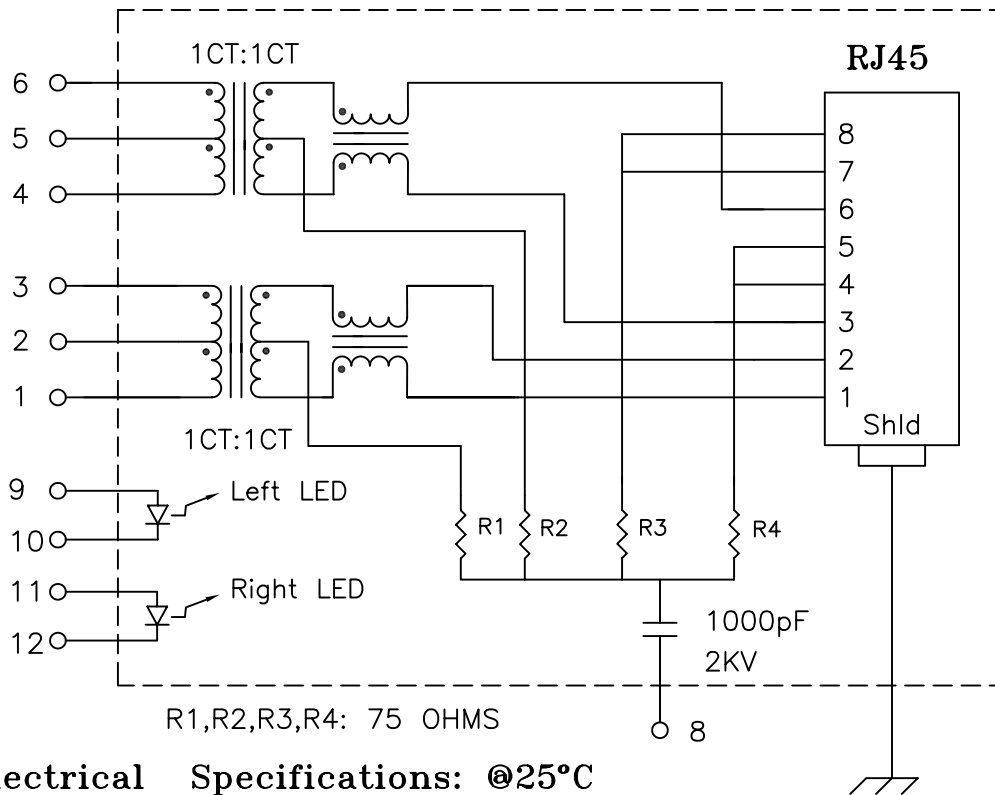


Schematic:



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
 CHIP 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

Complete the Combo P/N as follows:

Replace 'x' & 'u' in the part number with one of the LED color letters:

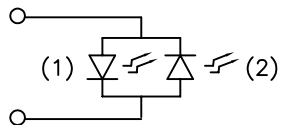
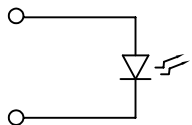
Y=Yellow
 G=Green
 A=Amber
 R=Red

'x' = Left LED Color
 'u' = Right LED Color

C=Green(1)/Amber(2) Bicolor
 D=Amber(1)/Green(2) Bicolor
 M=Green(1)/Yellow(2) Bicolor
 N=Yellow(1)/Green(2) Bicolor
 P=Red(1)/Green(2) Bicolor
 Q=Green(1)/Red(2) Bicolor

Single Color LED:

Bi-Color LED:



DOC. REV: A/1

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

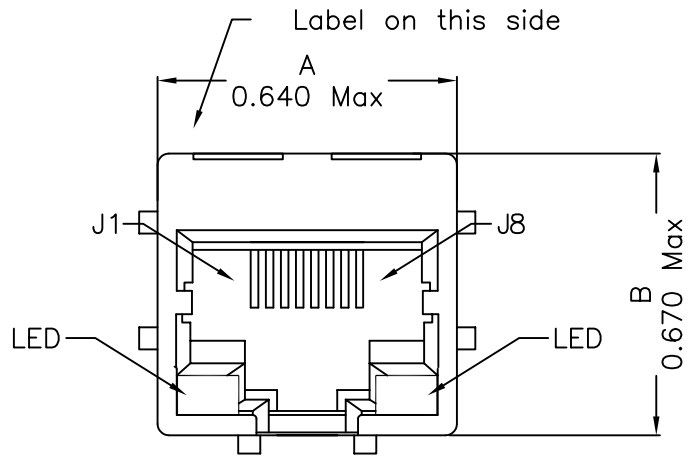
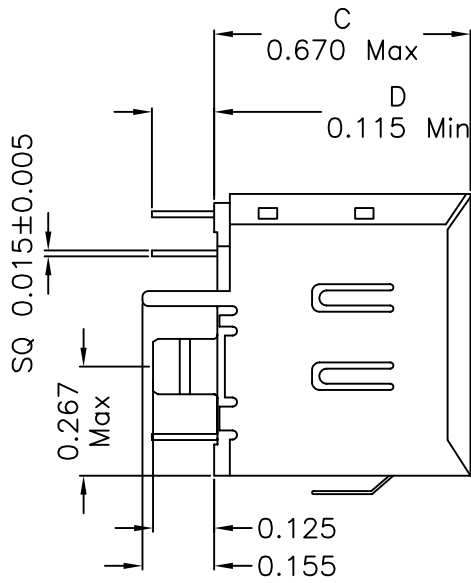
XFMRs Inc. www.XFMRS.com	Title: VERTICAL MOUNT COMBO			
	UNLESS OTHERWISE SPECIFIED		P/N: XFATM9-CVxu1-4M	REV. A
TOLERANCES:		DWN.	Mei Chen	Jul-09-10
.xxx ±0.010		CHK.	YK Liao	Jul-09-10
Dimensions in Inch		APP.	BW	Jul-09-10
SHEET 1 OF 2				

PROPRIETARY:

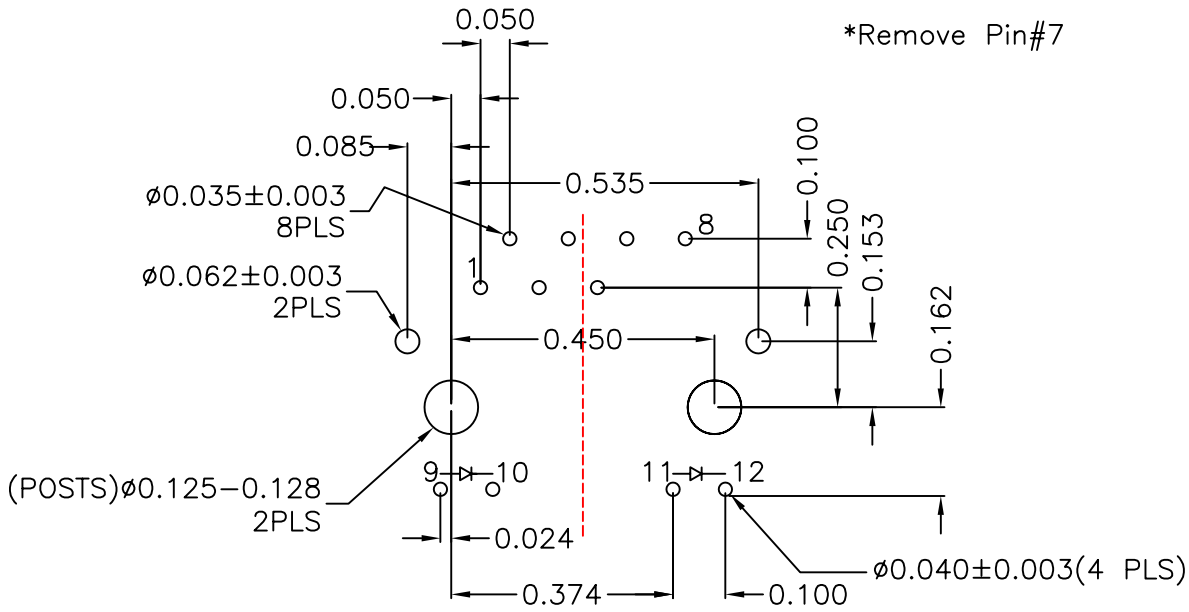
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Mechanical Dimensions:

XFMR5
XFATM9-
CVxu1-4M
YYWW



Mounting Pattern:



*Remove Pin#7

P.C.B RECOMMENDED HOLE LAYOUT

DOC REV: A/1

PROPRIETARY

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XFMR5 Inc. www.XFMR5.com		Title: Mechanical Dimensions For CVxu1-4M Series	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch		P/N: XFATM9-CVxu1-4M	REV. A
	DWN.	Mei Chen	Jul-09-10
	CHK.	YK Liao	Jul-09-10
SHEET 2 OF 2	APP.	BW	Jul-09-10