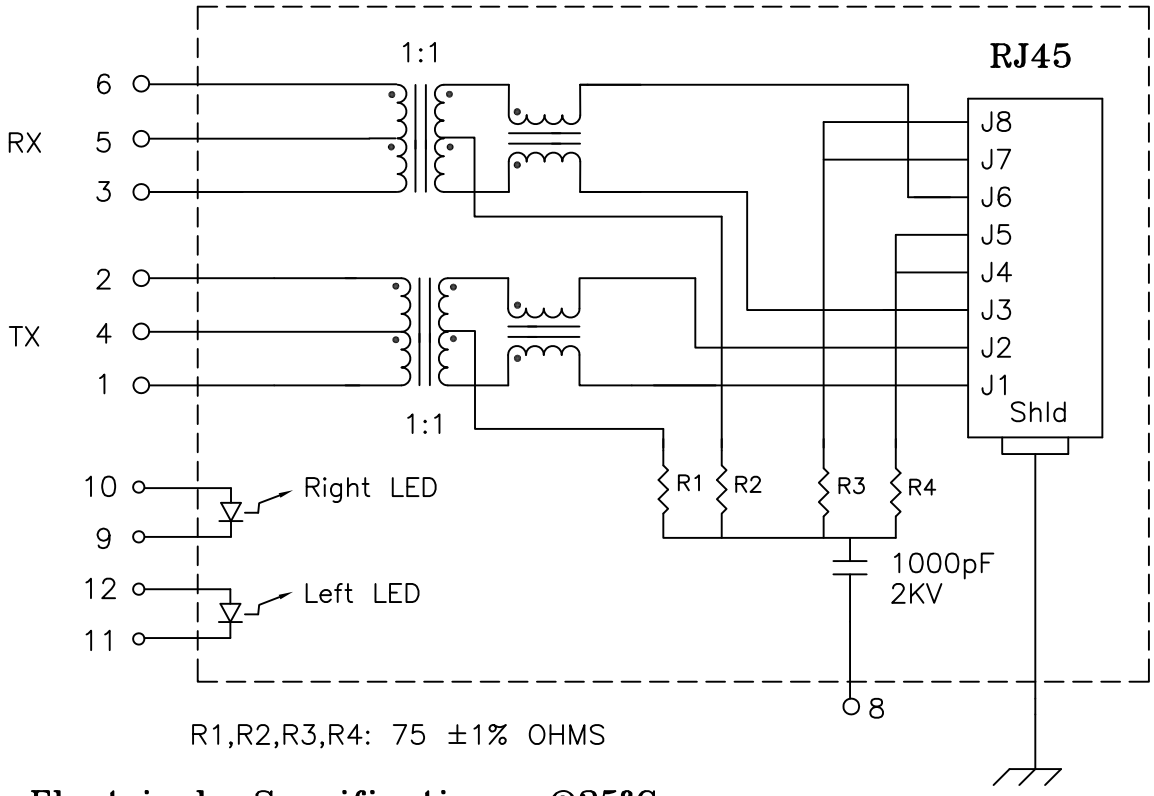
Schematic:



R1,R2,R3,R4: 75 ±1% OHMS

Electrical Specifications: @25°C

Isolation Voltage: 1500 Vac

Isolation Voltage: 500 Vac (1+2+4−3+5+6)

UTP SIDE OCL: 350uH Min @100KHz 100mV 8mADC

Insertion Loss (300KHz−100MHz): −1.0dB Max

Return Loss: 1−10MHz 10−30MHz 30−60MHz 60−80MHz

−20dB −16dB −12dB −10dB MIN

Crosstalk: 1−30MHz 30−60MHz 60−100MHz

−40dB −35dB −30dB MIN

Common Mode to Differential Mode Rejection:

−30dB MIN @1−50MHz / −20dB MIN @50−150MHz

Q: 18 Min @100KHZ 0.1V

Complete the Combo P/N as follows:

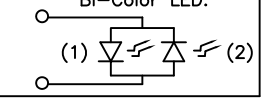
Replace 'x' & 'u' in the part number with one of the LED color letters:

Y=Yellow
G=Green
A=Amber
R=Red
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
E=Red(1)/Yellow(2) Bicolor
F=Yellow(1)/Red(2) Bicolor
H=Amber(1)/Yellow(2) Bicolor
J=Green(1)/Green(2) Bicolor

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

Single Color LED:

Bi−Color LED:



Notes:

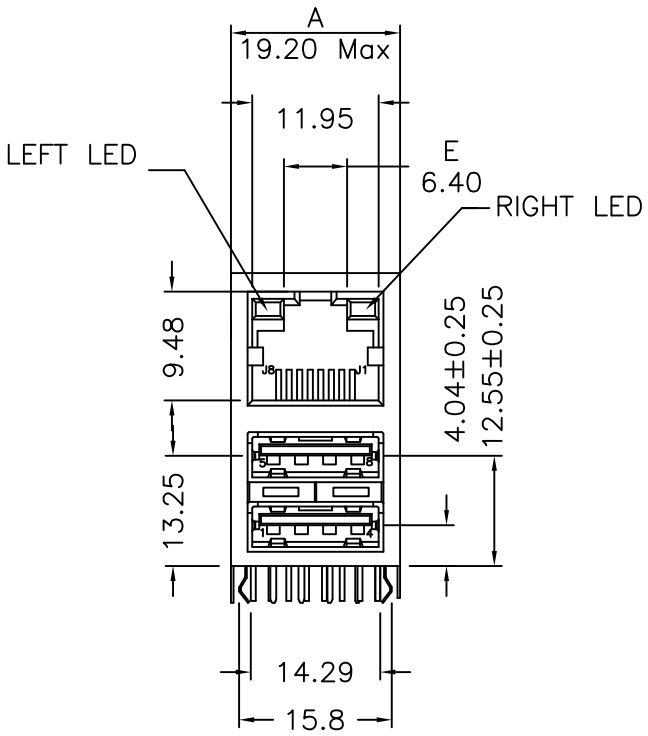
1. Solderability: Leads shall meet MIL−STD−202G, Method 208H for solderability.
2. Flammability: UL94V−0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from −40°C to +85°C
6. Storage Temperature Range: −55°C to +125°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

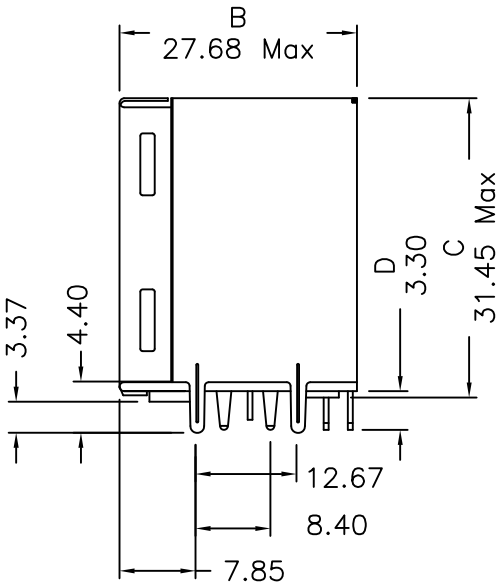
DOC REV: B/2

PROPRIETARY
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XFMRS Inc www.XFMRS.com	Title: Stacked USB COMBO		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFATM2RA−USBxu−2		REV. B
	DWN.	Yuan	Jun−13−13
	CHK.	YK Liao	Jun−13−13
SHEET 1 OF 3	APP.	BW	Jun−13−13

Mechanical Dimensions:







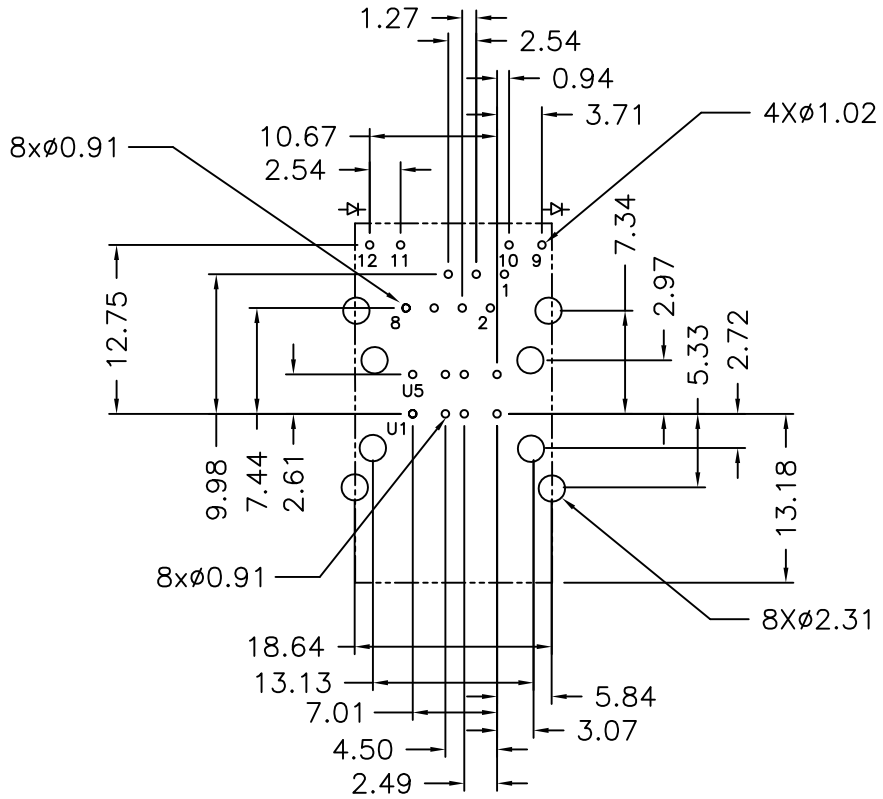
TOP VIEW

XFMRS Inc. www.XFMRS.com	Title: Mechanical Dimensions For STACKED USB COMBO		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .x ±0.25 Dimensions in MM	P/N: XFATM2RA-USBxu-2		REV. B
	DWN.	Yuan	Jun-13-13
	CHK.	YK Liao	Jun-13-13
SHEET 2 OF 3	APP.	BW	Jun-13-13

DOC. REV. B/2

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3. Mechanical Dimensions (cont.):



SUGGESTED PC BOARD LAYOUT VIEW

FROM COMPONENT SIDE

*Reomve Pin#7

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XFMRS Inc. www.XFMRS.com	Title: Mechanical Dimensions For STACKED USB COMBO		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.25 Dimensions in MM	P/N: XFATM2RA-USBxu-2		REV. B
	DWN.	Yuan	Jun-13-13
	CHK.	YK Liao	Jun-13-13
SHEET 3 OF 3	APP.	BW	Jun-13-13