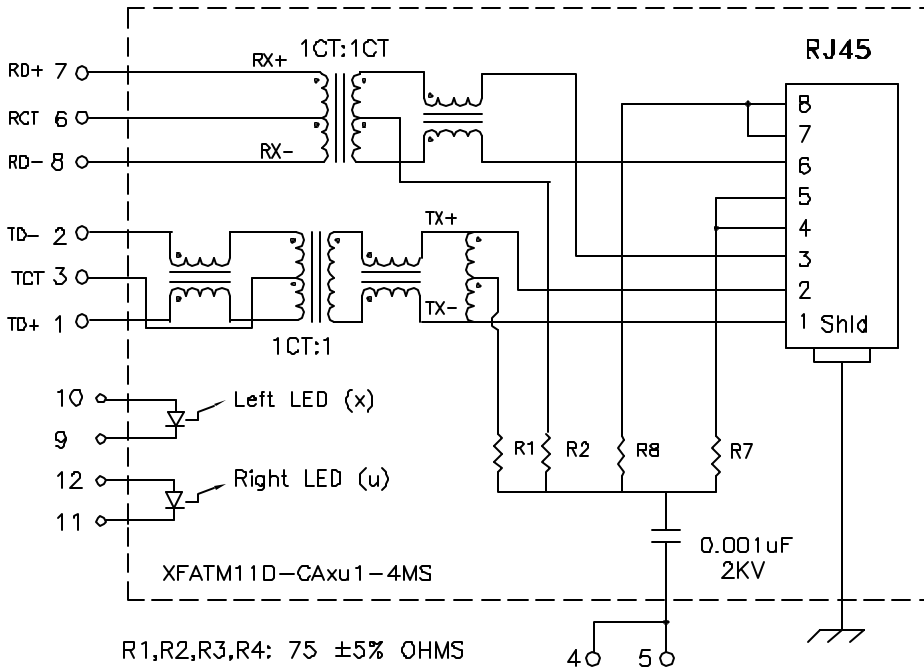


Schematic:



R1,R2,R3,R4: 75 ±5% OHMS

Electrical Specifications: @25°C

UTP Impedance: 100 OHMS

Turns Ratio: TX : 1CT:1T (±3%) RX : 1CT:1CT (±3%)

Isolation Voltage: 1500 VAC (Input to Output)

UTP Side OCL: 350uH Minimum @100KHz,100mV 8mADC

Insertion Loss (0.1MHz-100MHz): -1.0dB Maximum

Return Loss: 1MHz-30MHz 40MHz 50MHz 60MHz-80MHz
 -18dB Typ -16dB Typ -14dB Typ -12dB Typ

CMRR: 30MHz 60MHz 100MHz
 -35dB Min -30dB Min -25dB Min

Crosstalk: 30MHz 60MHz 100MHz
 -50dB Min -40dB Min -35dB Min

Complete the Combo P/N as follows:

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

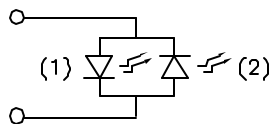
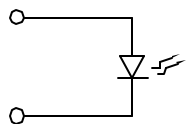
Y=Yellow
 G=Green
 A=Amber
 R=Red

'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:



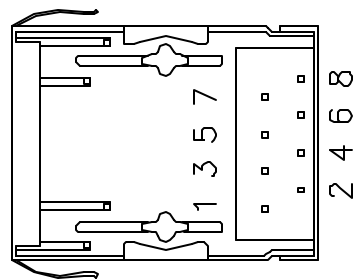
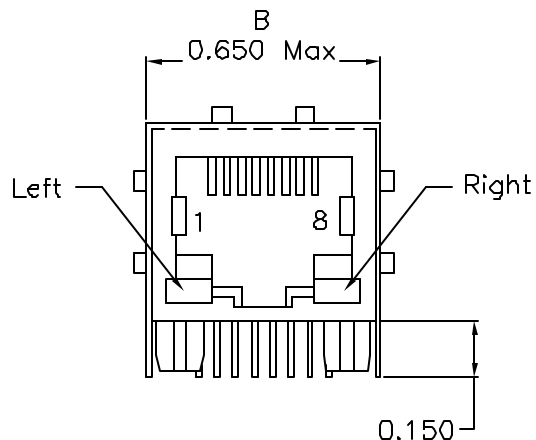
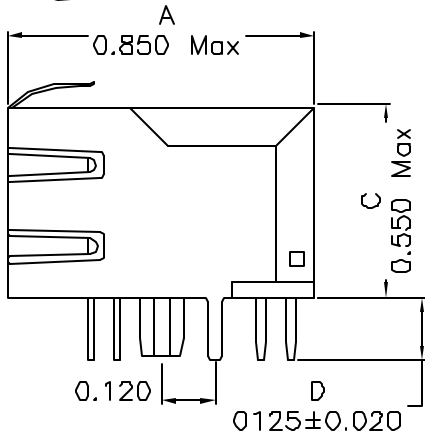
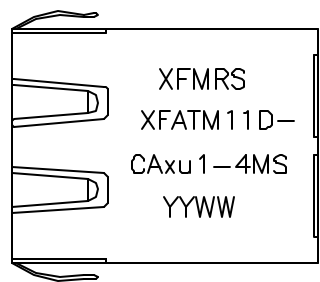
Notes:

1. Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Temperature rating: 155°C. UL file E151556
5. Operating Temperature Range: -40°C to +85°C

XFMRs Inc.	Title: SINGLE PORT COMBO		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010	P/N: XFATM11D-CAxu1-4MS	REV. B
	Dimensions in Inch	DWN. 罗振江	Aug-13-03
	SHEET 1 OF 2	CHK. 廖玉坤	Aug-13-03
	APP. Isaiah M	Aug-13-03	

DOC. REV: B/2

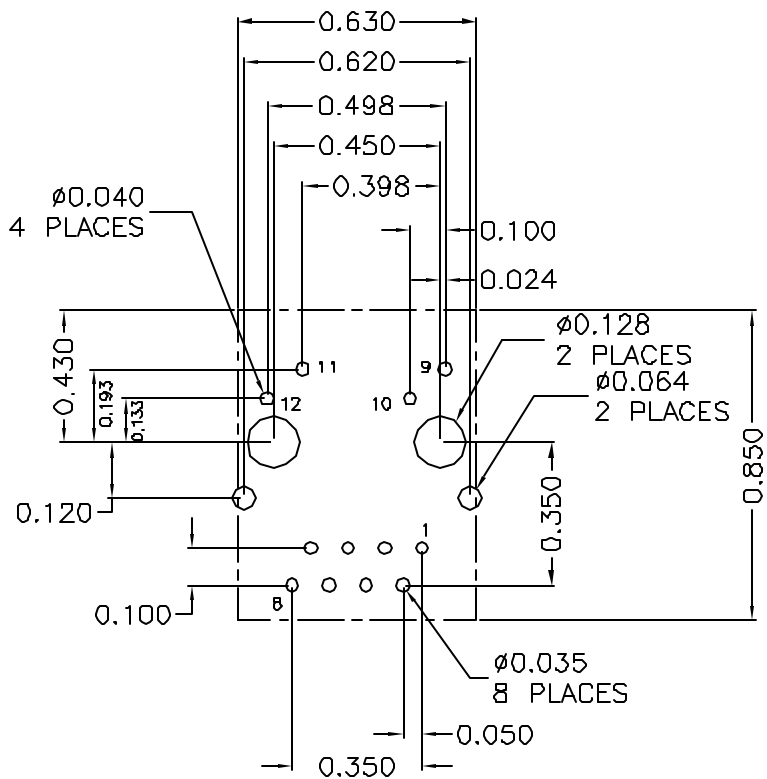
Mechanical Dimensions:



(BOTTOM VIEW)

Mounting Pattern:

(COMP SIDE)



XFMRS Inc.		Title: Mechanical Dimensions For CAxu1-4MS Series	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XFATM11D-CAxu1-4MS	REV. B	
	DWN.	罗振江	Aug-13-03
	CHK.	廖玉坤	Aug-13-03
SHEET 2 OF 2	APP.	Isaiah M	Aug-13-03

DOC. REV: B/2