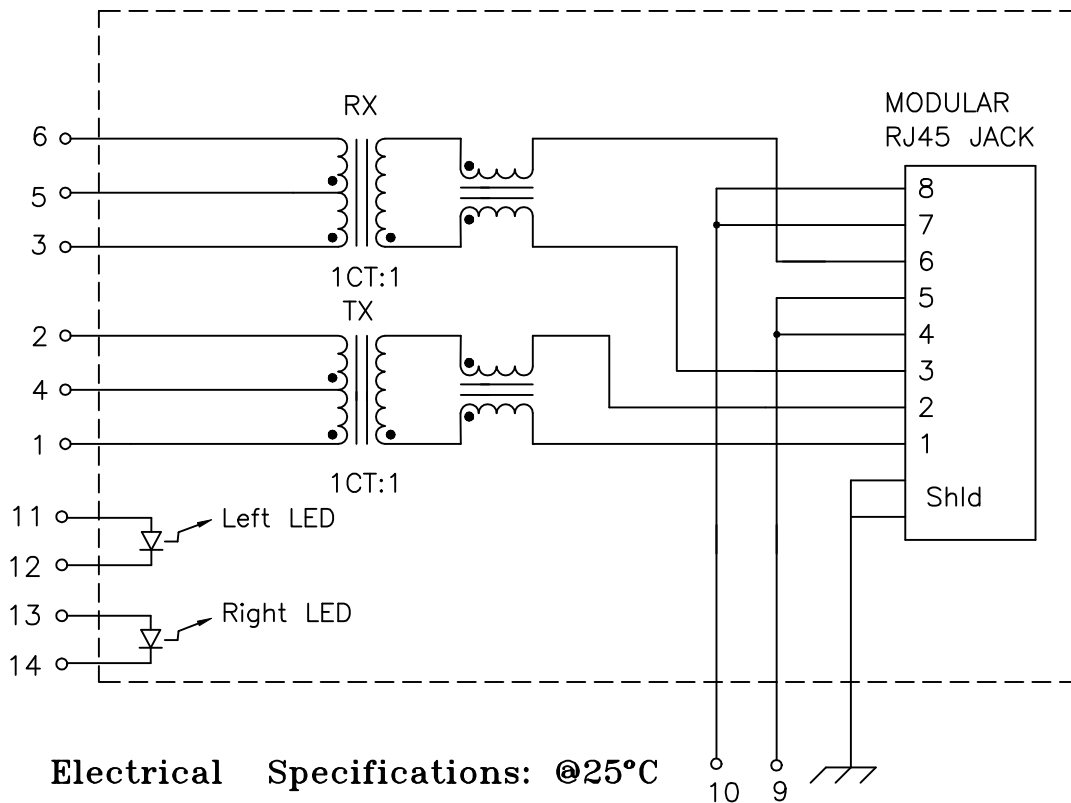


# Schematic:



## Electrical Specifications: @25°C

UTP Impedance: 100 OHMS

Turns Ratio: TX : 1CT:1 ( $\pm 2\%$ ) RX : 1CT:1 ( $\pm 2\%$ )

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 Min -16dB Min -14dB Min

CMRR: 30MHz 60MHz 100MHz -12dB Min  
 -35dB Min -30dB Min -25dB Min

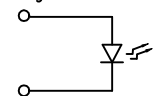
Crosstalk: 30MHz 60MHz 100MHz  
 -50dB Min -40dB Min -35dB Min

Complete the Combo P/N as follows:

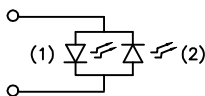
Replace 'x' & 'u' in the part number with one of the LED color letters:

Y=Yellow 'x' = Left LED Color  
 G=Green 'u' = Right LED Color  
 A=Amber  
 R=Red  
 N=Yellow(1)/Green(2) Bicolor  
 M=Green(1)/Yellow(2) Bicolor

Single Color LED:



Bi-Color LED:

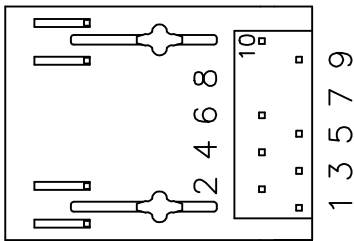
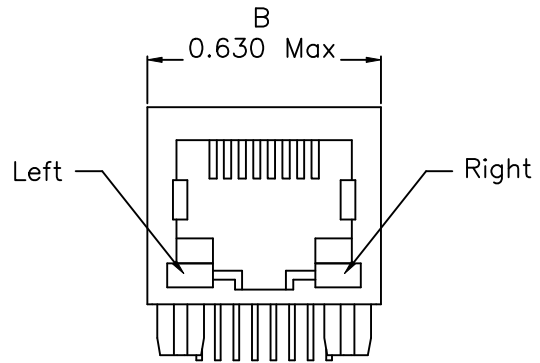
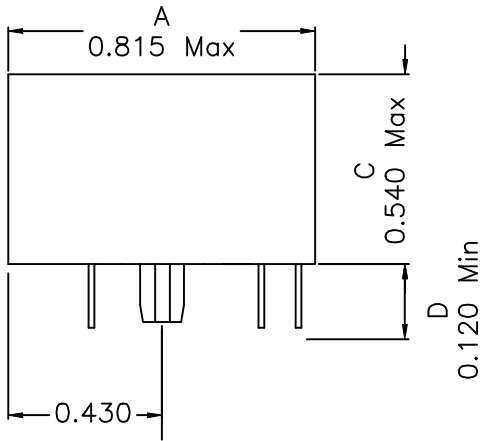


DOC. REV: B/1

<b>XFMRs Inc.</b>	Title: SINGLE PORT COMBO		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx $\pm 0.010$ Dimensions in Inch	P/N: XFATM7-CLxu1-1S	
		REV. B	
	DWN.	廖玉坤	Sep-2-03
CHK.	李清儿	Sep-2-03	
SHEET 1 OF 2	APP.	BW	Sep-2-03

### Mechanical Dimensions:

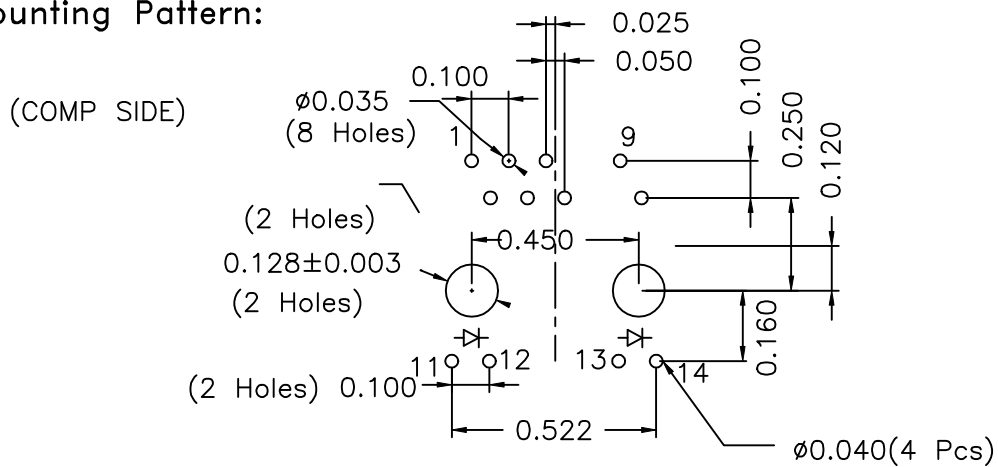
XFMR5  
XFATM7-  
CLxu1-1S  
YYWW



Remove Pins 7 and 8

(BOTTOM VIEW)

### Mounting Pattern:



DOC. REV: B/1

<b>XFMR5 Inc.</b>	Title: Mechanical Dimensions For CLxu1-1S Series		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx $\pm 0.010$ Dimensions in Inch	P/N: XFATM7-CLxu1-1S	REV. B	
	DWN.	李小锋	Sep-2-03
	CHK.	廖玉坤	Sep-2-03
SHEET 2 OF 2	APP.	BW	Sep-2-03