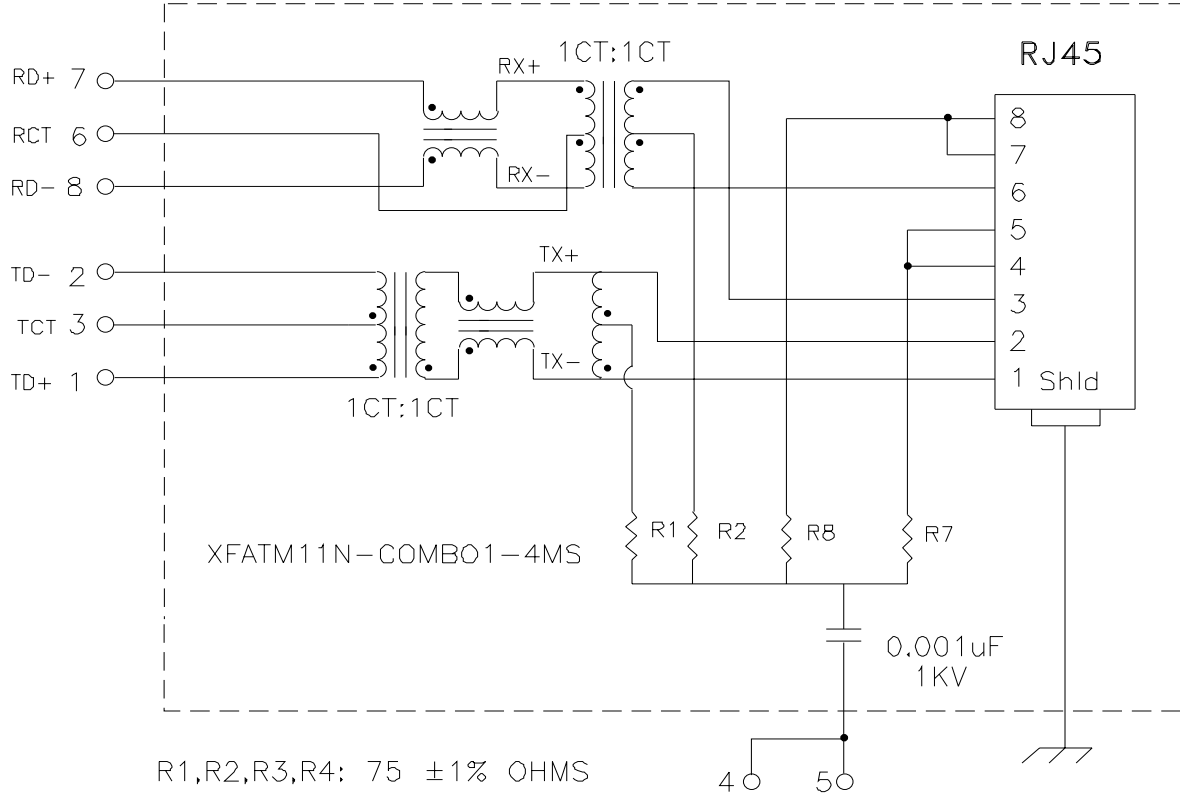


Schematic:



R1,R2,R3,R4: 75 ±1% OHMS

4 O 5 O

Electrical Specifications: @25°C

UTP Impedance: 100 OHMS

Turns Ratio: TX : 1CT:1 (±2%) RX : 1CT:1 (±2%)

Isolation Voltage: 1500 VAC (Input to Output)

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

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

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

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

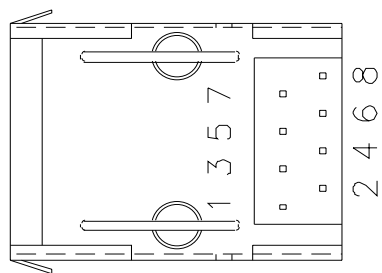
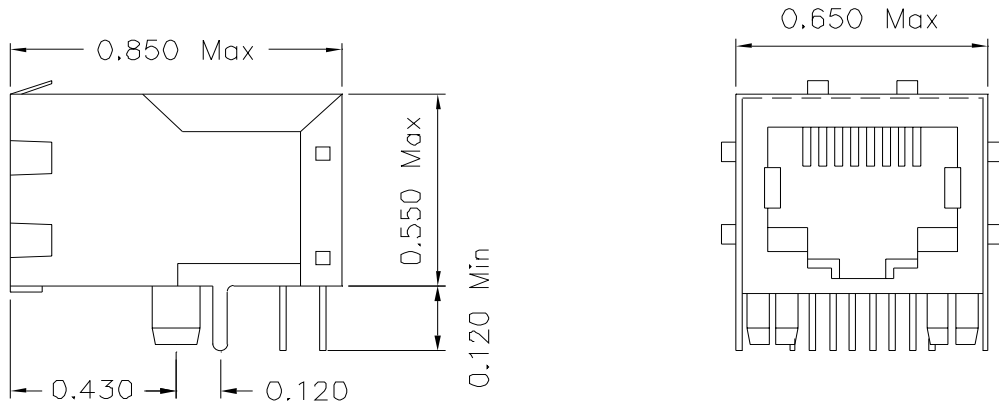
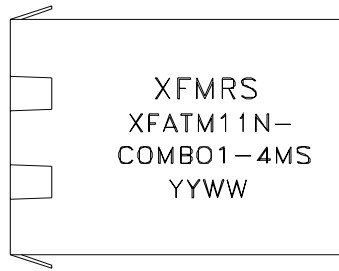
Crosstalk:	30MHz	60MHz	100MHz
	-50dB Min	-40dB Min	-35dB Min

preliminary

DOC. REV A/2

XFMRs Inc.		Title: SINGLE PORT COMBO	
UNLESS OTHERWISE SPECIFIED		P/N: XFATM11N-COMBO1-4MS	
TOLERANCES:		REV. A	
.xxx ±0.010		DWN.	廖玉坤 Jun-21-00
Dimensions in Inch		CHK.	李清儿 Jun-21-00
SHEET 1 OF 1		APP.	Joe Huff Jun-21-00

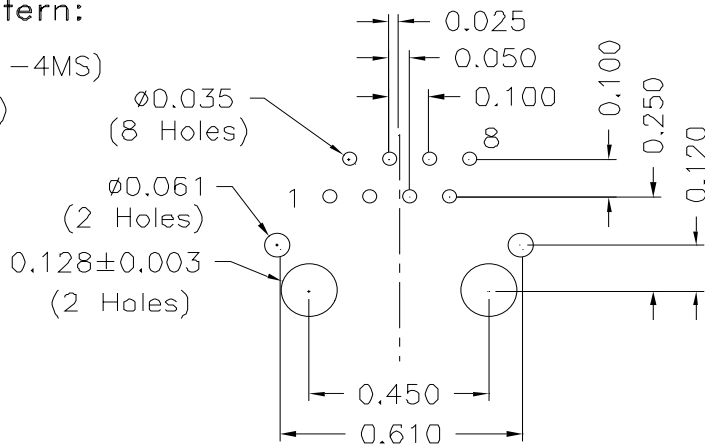
Mechanical Dimensions:



(BOTTOM VIEW)

Mounting Pattern:

(FOR COMBO1-4MS)
(COMP SIDE)



∅0.035
(8 Holes)

∅0.061
(2 Holes)

0.128±0.003
(2 Holes)

XFMRS Inc.		Title: Mechanical Dimensions For COMBO1-4MS Series	
		P/N: XFATM11N-COMBO1-4MS	REV. A
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	DWN.	廖玉坤	Jun-21-00
	CHK.	李清儿	Jun-21-00
	APP.	Joe Huff	Jun-21-00
SHEET 2 OF 2			