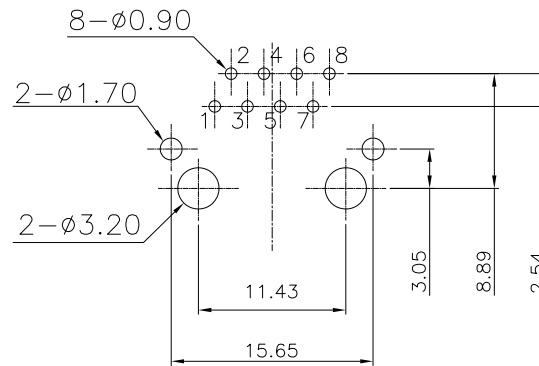
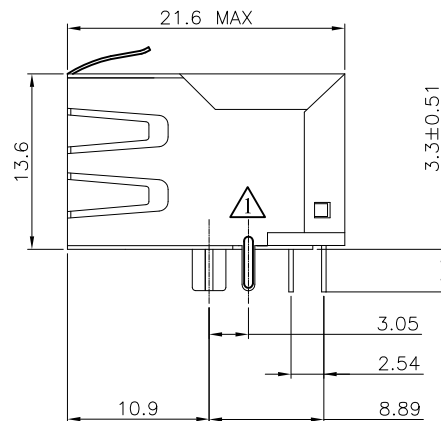
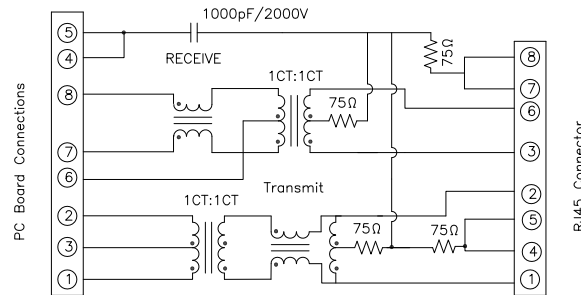


Schematic:



PC Board Layout Component Side Shown

Notes :

Electrical :

1. RJ45 10/100 Base-Tx Transformer Jack With Transformer Impedance Resistor/High Voltage Capacitor.
2. Size Same As RJ-45 Modular Jack To Save PCB Space.
3. Reduce EMI Radiation, Improve EMI Performance.
4. Designed For Network Interface Card Application.
5. Designed To Meet IEEE 802.3u Requirement.
6. Designed For 100 Base Transmission Over UTP-5 Cable.

Electrical Characteristics:

- 1.Insertion Loss: 0.3-100MHz -1.0dB Max.
- 2.Return Loss: 1-30MHz -20dB Min.Load 100 Ohm  
30-60MHz -15dB Min.Load 100 Ohm  
60-80MHz -10dB Min.Load 100 Ohm
- 3.Cross Talk : 1-100MHz -30dB Min.
- 4.Common To Common Mode Rejection : 1-100MHz -30dB Min.
- 5.Turn Ratios: RX=1:1(+/-3%) TX=1:1(+/-3%) .
- 6.Isolation 60Hz: Input To Output 1500Vac,60 Seconds
- 7.Primary Inductance: @100KHz 0.1Vrms,8mA DC Bias 350uH Min.
- 8.Rise Time (10-90%): 2.5ns Typical

Mechanical:

1. Housing Material: High Temp. UL94V-0
2. Contact Material: Phosphor Bronze t=0.35mm
3. Plating: Gold Plating Over Nickel.
4. Operating Life: 750 Cycles Min.
5. PCB Retention Pre-Solder: 1 LB Min.
6. PCB Retention Post-Solder: 10 LBS Min.

Environmental:


1. Storage: -40°C To +85°C.
  2. Operation: 0°C To +70°C.
  3. Wave Soldering Temperature: 255~265°C (3~5 Seconds)
- Mates With Modular Plug Conforming To FCC Part 68, Subpart F.

PRODUCT NUMBER:  
212A-11 C A 0-R  
1 2 3

1.No. of Contact  
11:1X1

2.Contact Plating  
C:5u' Gold Plating

3.EMI Tab  
A:with EMI Tab

						UNLESS OTHERWISE SPECIFIED TOLERANCE			 www.attend.com.tw	
						ANGLES	ANG.	±5°		
						LINEAR	0.	±0.3		
							0.00	±0.25		
						SCALE	AS SHOWN	UNIT: mm		
						DRAWN	Willis	2012/08/03	DRAWN NAME:	
						CHECKED	Angel	2012/08/03	RJ45 Jack Magnetic Type	
						APPROVED	Ken	2012/08/03	PRODUCT NO.	212A-11CA0-R
REV.	DESCRIPTION			DATE	REV.	DESCRIPTION			DATE	SIZE
A	Revise:									REV. 1.0
	Revise: 8~1 change to 1~8			2010/01/08						FILE NAME
	Revise: Shell Peg			2009/08/10						212A-11CA0-R_B_1
1					2					
2					3					
3					4					
4					5					
5					6					
6					7					
7					8					
8					9					
9					10					