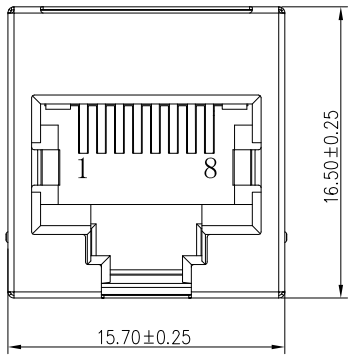
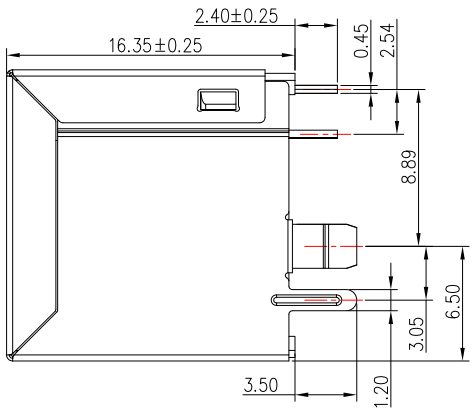
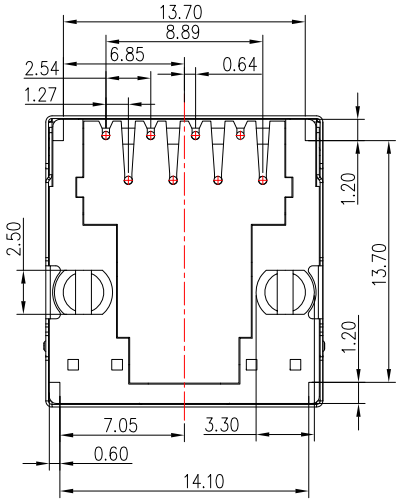
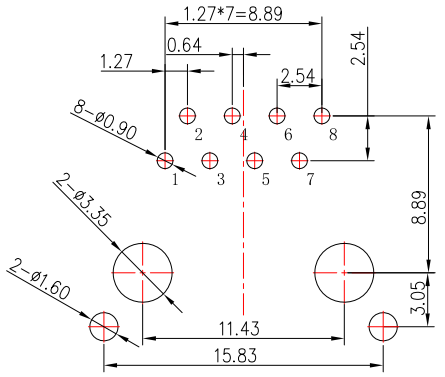
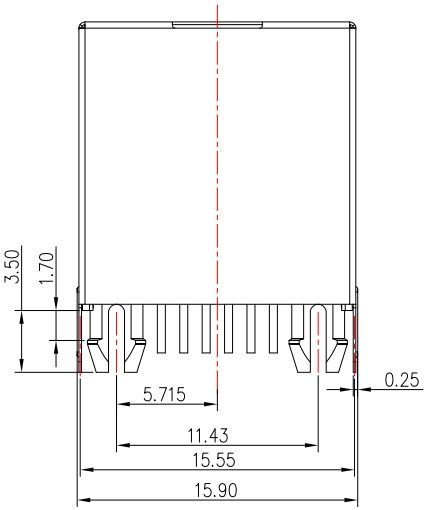








PCB LAYOUT



RJ45 Pin definition:

Pin位	Name	Description
1	TX+	Tranceive Data+
2	TX-	Tranceive Data-
3	RX+	Receive Data+
4	N/C	Not connected
5	N/C	Not connected
6	RX-	Receive Data-
7	N/C	Not connected
8	N/C	Not connected

SPECIFICATIONS:

Electrical:

1.Voltage Rating : 125 VAC RMS

2.Current Rating : 1.5 AMP

3.Contact Resistance : 30 mΩ MAX

4.Insulation Resistance : 500 MΩ MIN.

5.Dielectric Strength : 1000V AC

Environmental:

1.Operation Temperature : -40˚C ~ +85˚C

2.Storage Temperature : -40˚C ~ +85˚C

MATERIAL:

1.Houshing : PA9T,Black

2.Contact : Phosphor Bronze , Gold Plating over Nickel

3.Shield : Brass , Nickel Plated

ITEM NO.	DESCRIPTION	DRAWN	DATE

CONTACT 建倚科技股份有限公司
CONTACT TECHNOLOGY CORP.

TOLERANCE UNLESS OTHERWISE STATED : Up to 5 ±0.2; Above 5 ~ 15 ±0.3; Above 15 ~ 30 ±0.4; Above 30 ~ 50 ±0.5; Angle ±0.3˚

3RD. ANGEL'S | UNITS MM

DRAWN BY: Jack Lu	DATE 03/30/26	MAT'L	
CHECKED BY: Jacky Chen	DATE 03/30/26	FINISH	
APPROVED BY: Tony Kao	DATE 03/30/26	SCALE 1 : 1	SHEET NO. 1 of 1

TITLE	RJ45		
MODLE	RJ45 180度1X1 8P8C 無燈		
DWG NO.	RJ45-5224V-S491	SIZE	A4
PART NO.	RJ45-5224V-S491	VER	R