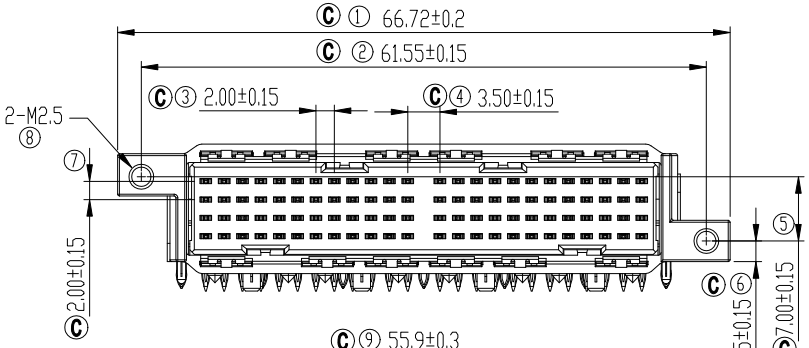
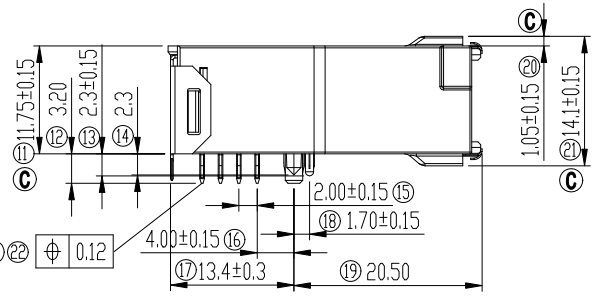
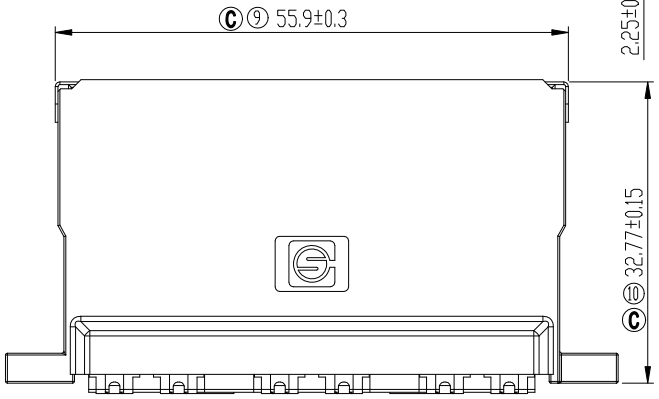
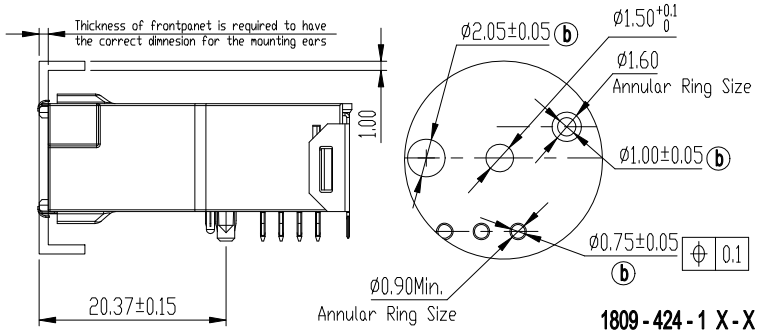
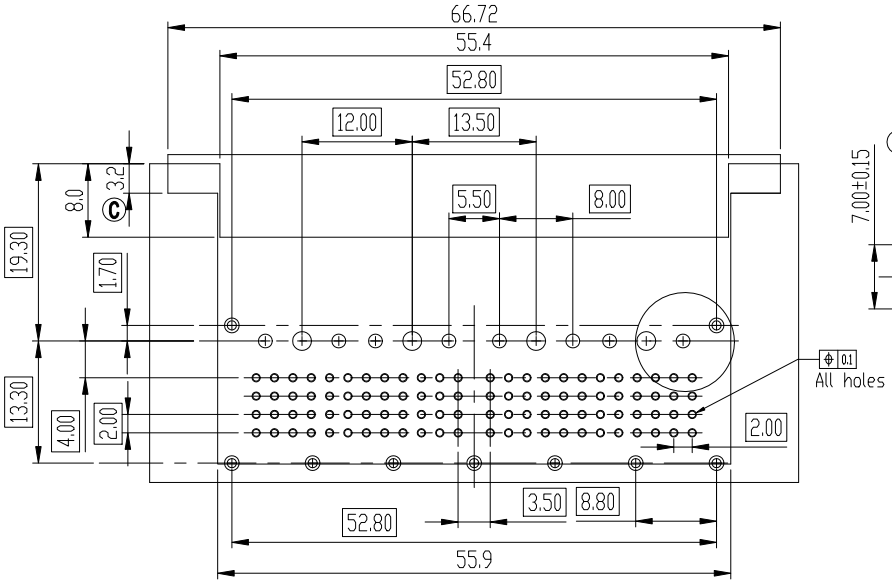
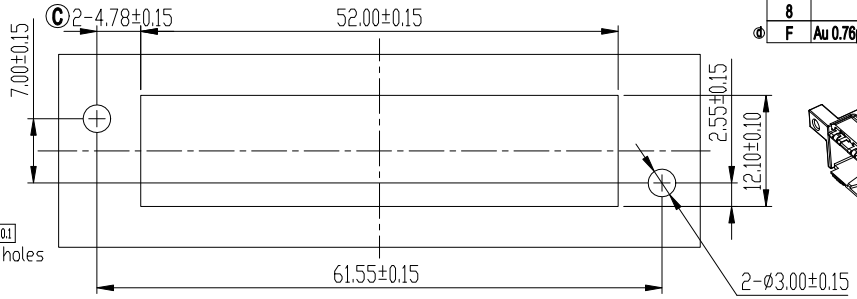




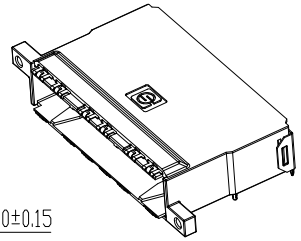








RECOMEND FRONTPANEL CUTOUT DIMENSIONS



Performance characteristics:

1.Main body part material
Insulator:LCP Black UL94V-0
Cover:Zinc alloy , Salt Spray 48H
Cover bottom:PBT Black UL94V-0
Terminal: Phosphor bronze ,plating see spec list
Shell: SUS304

2.Electrical requirements:
Current rating: 1A
ⓐ Contact resistance: ≤20 mΩ
Insulation resistance: ≥500 MΩ
ⓐ Withstanding voltage: 1000 Vr.m.s, 1mA, 60s(pin to pin)
1500 Vr.m.s, 1mA, 60s(pin to ground)

3.Mechanical requirements
Mechanical life: 200 cycles

4.Environment specification
Working temperature: -55℃～+125℃

5.Applicable standard: IEC61076-4-104

6.Packing & storing
Method of packing: tray, inner box, outer box
Storing condition: temperature of -10℃～+40℃
below 80% relative humidity

7.Style of installation: press-fit pcb installation

8.To prevent the pollution of the environment product info RoHS agreement:In line with the european union RoHS

1809 - 424 - 1 X - X

Series code

Terminal number	
Code	Definition
424	4*24

Spec code	
Code	Definition
1	with ESD shrapnel

Plating code		
Code	Definition	
	Contact area	Tail
8	Au 0.76μm	Sn
ⓓ F	Au 0.76μm or PdNi 0.76μm+Gold Flash	

Insulator material & color	
Code	Definition
3	LCP Black UL94V-0

Unless otherwise specified tolerance:

X.	±0.50	X.°	±3°
.X	±0.38	.X°	±2°
.XX	±0.25		

Mark	NO.	File NO.	Signature	Date
ⓓ	1	518588	ChunshunGong	2021.06.07
Ⓒ	13	PCN-201411002	Lawrence	2014.11.06
ⓑ	4	SN-00003351	Lawrence	2014.01.13

DRAW	Lawrence 2012.12.20
CHK	Lawrence 2021.09.18
MAN	
STD	Juanli lai 2021.09.18
APP	Alan 2021.09.22

2.00mm 4*24 male Right angle Press fit CONN.

1809-424-1X-3

SL0.1809.102

Projection	Rev.	Weight	Scale
	A4		

All Dimensions in mm | Sheet 1 of 1

SHINNING SHENZHEN SHINNING ELECTRONIC CO.,LTD.