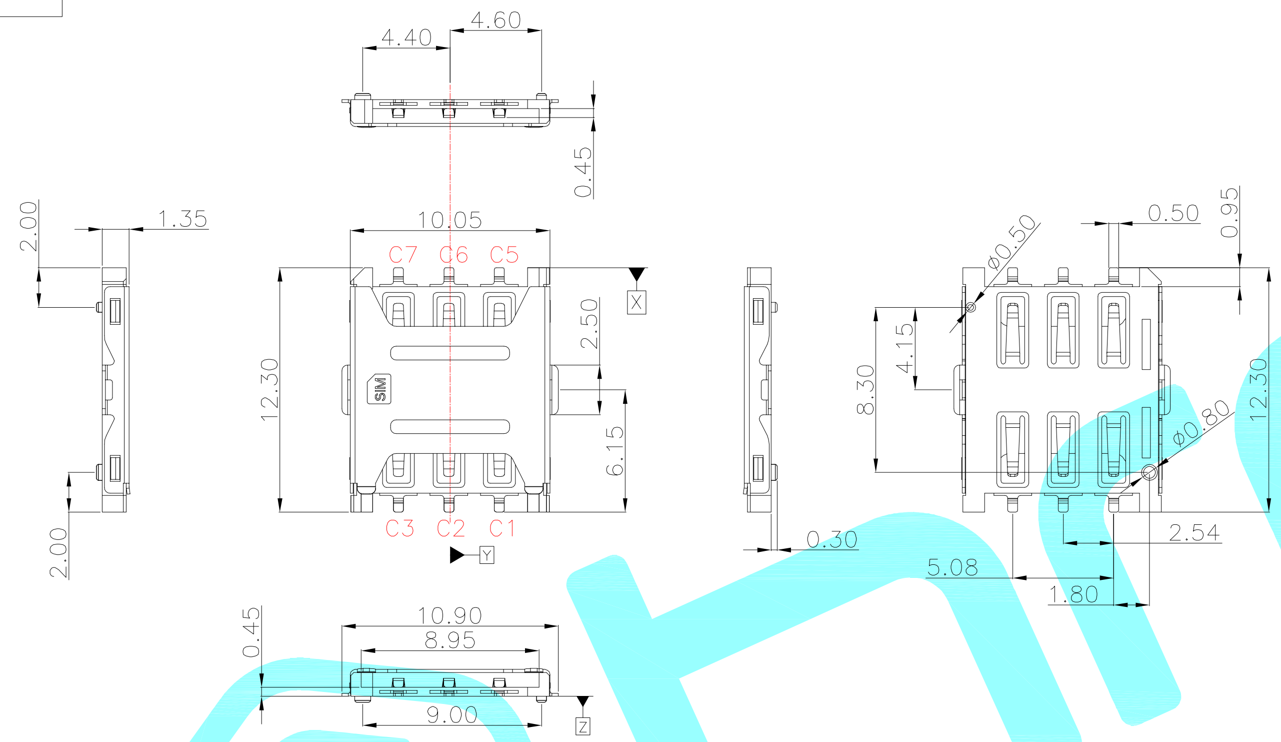
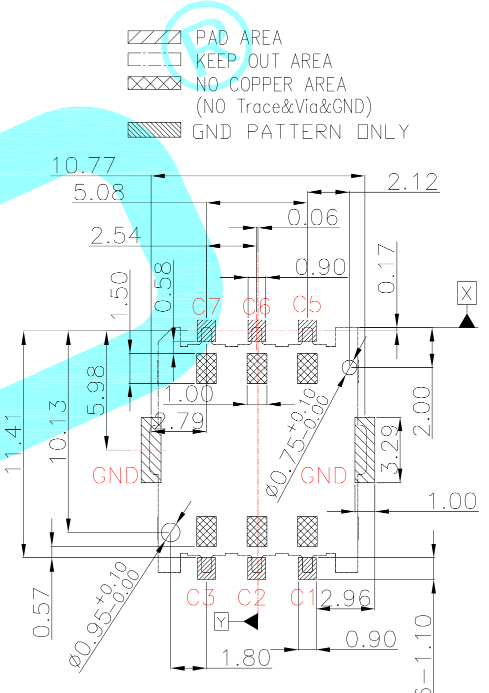
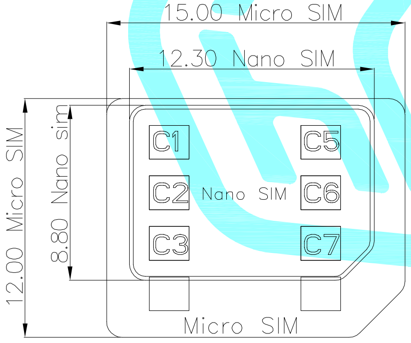
ROHS

Http://www.krhro.com


4.40
4.60
0.45
2.00
1.35
2.00
10.05
C7 C6 C5
12.30
2.50
X
6.15
C3 C2 C1
Y
SIM
0.30
Ø0.50
0.50
0.95
8.30
4.15
Ø0.80
12.30
2.54
5.08
1.80
0.45
10.90
8.95
9.00
Z


PAD AREA
KEEP OUT AREA
NO COPPER AREA
(NO Trace&Via&GND)
GND PATTERN ONLY
10.77
5.08
2.54
2.12
0.06
0.90
0.17
1.50
0.58
C7 C6 C5
X
11.41
10.13
5.98
1.00
2.79
Ø0.75+0.10 -0.00
2.00
3.29
GND
GND
1.00
0.57
Ø0.95+0.10 -0.00
C3 C2 C1
2.96
0.90
Y
1.80
6-1.10

RECOMMEND P.C.B LAYOUT
(General tolerance ±0.05)


15.00 Micro SIM
12.30 Nano SIM
12.00 Micro SIM
8.80 Nano sim
C1
C5
C2
Nano SIM
C6
C3
C7
Micro SIM

Specification

1.MATERIAL:

1.1 Insulator: High Temperature Thermoplastic, (LCP,S475),UL Black 94V-0.
1.2 Contact: C5210R-H,T=0.15±0.03mm
1.3 SHELL: SUS304R-H,T=0.15±0.03mm

2.PLATING:

2.1 Contact: Plated 50u" Ni Overa Contact Au 1u,Pad Au 1u
2.2 Shell: Plated 50u" Ni Overall,Pad Au 1u

3.Electrical:

3.1 Current Rating :0.5mA
3.2 Voltage Rating :5V AC/DC
3.3 Ambient Temperature Range :-40°C~+85°C
3.4 Storage Temperature Range :-40°C~+85°C
3.5 Ambient Humidity Range :95% R.H. Max.
3.6 Contact Resistance:100mΩ max.
3.7 Insulation Resistance:1000MΩ min./500VDC
3.8 Reflow peak temp.: 250°C ±5°C, 3~5 S

4.Mating Cycles:3,000 Insertions Min

5.Recommending A Metal More Than 0.15mm Thick. Please Confirm Solderadility, IF Use A Metal Mask Less Than 0.15mm Thick.

SIM pin assignment	
PIN#	Name
C1	VCC供电电压
C2	RST重置
C3	CLK时钟
C5	GND接地
C6	VPP程序电压
C7	I/O输入输出

APPROVALS		DATE
DRAWN	LIUCAN	2023.12.19
CHECKED		
APPROVALS		

TOLERANCES ARE			
	30~以上	±0.30	ANGLE
	10~30	±0.25	
	5~10	±0.20	±2°
	~ 5	±0.15	

TITLE:	SIM		
PART NO.	SIM-18A		
UNIT: mm	SCALE: 1:1	PROJ:	
DRAWING NO.	———	SHEET 1 OF 1	

———	A	———	NEW	———	———	———
ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.