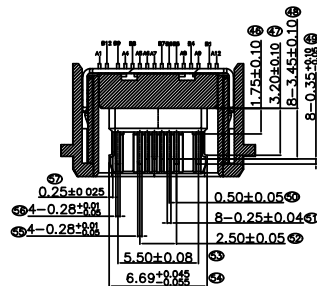
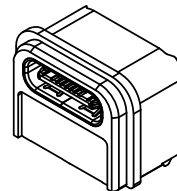


	深圳市精拓金电子有限公司 Shenzhen Jing Tuo Jin Electronics Co., Ltd.							
5. 2. 1. 0.5	单位 UNITS	MM	制图 DRAWING	L-S-S	产品料号 PRODUCT PART NO.	918-418K2023S40090		
	比例 SCALE	1:1	审核 CHKD	G-Z-F	产品名称 PRODUCT NO.	TYPE C 16P母座加防护护套加高 CH=6.96		
	日期 DATE	2021-03-10	核准 APPD	黄国荣	角法 VIEW		版本 VER	A0



SECTION A-A



1. Material:
All Housing: LCP(Polyplastics),Black,Thermoplastics,UL94V-0
Insulation Jacket: LCP(Polyplastics),Black,Thermoplastics,UL94V-0
Contact: Copper Alloy
Mid Plate: Stainless Steel
Outer Shell: Stainless Steel
Inner Shell: Stainless Steel

2. FINISH:
Contact: Au 2u" Min. over Pd-Ni 30u" Min. on
Contact Area
Au 2u" Min. on Solder Area
80~200u" Nickel Underplating Over All
Mid-Plate: NO PLATING

3. Outer Shell (Insulator) Minimum Thickness 0.40mm

4. Electrical Characteristics:

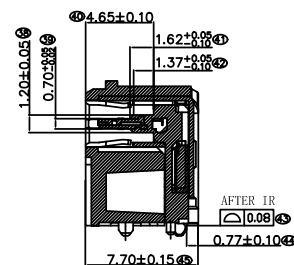
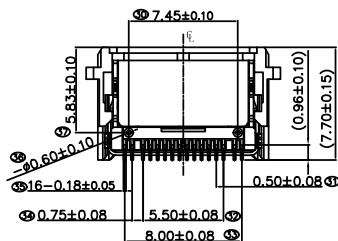
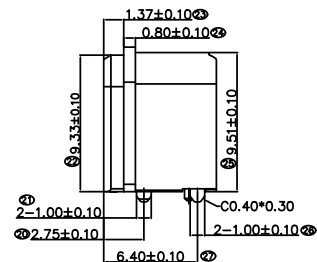
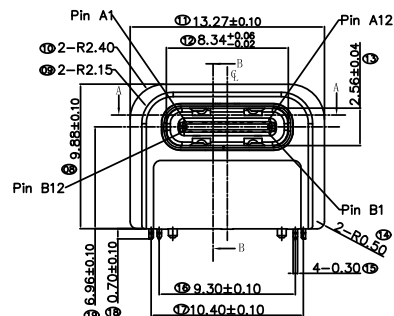
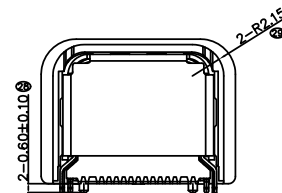
- Current Rating: 5A For Pin(A4,A9,B4,B9)
- 1.25A For Pin(B5)
- 0.25A For Others Pin

Insulation Resistance: 100MΩ Min.
Contact Resistance: 50 mΩ Max.
Dielectric Withstanding Voltage: 100V/AC 1Minute

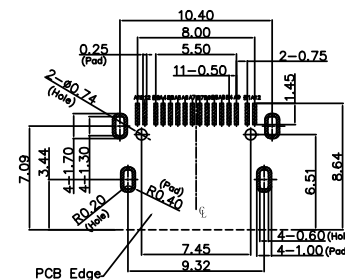
5. Mechanical Characteristics:
Insertion Force: 5~20N
Extraction Force: Initial: 8~20N

Extraction Force: Initial: 8~20N
After durability: 6~20N
Durability :10000 Cycles

6. Operating Temperature: -30°C TO $+85^{\circ}\text{C}$



SECTION B-B



Recommended PCB Layout
General Tolerance ± 0.05

Top View

<i>PIN ASSIGNMENT</i>			
<i>PIN NUMBER</i>	<i>SIGNAL NAME</i>	<i>PIN NUMBER</i>	<i>SIGNAL NAME</i>
<i>A1</i>	<i>GND</i>	<i>B12</i>	<i>GND</i>
<i>A2</i>	<i>XX1+</i>	<i>B11</i>	<i>XX1+</i>
<i>A3</i>	<i>XX1-</i>	<i>B10</i>	<i>XX1-</i>
<i>A4</i>	<i>VBUS</i>	<i>B9</i>	<i>VBUS</i>
<i>A5</i>	<i>CC1</i>	<i>B8</i>	<i>SBU2</i>
<i>A6</i>	<i>D+</i>	<i>B7</i>	<i>D-</i>
<i>A7</i>	<i>D-</i>	<i>B6</i>	<i>D+</i>
<i>A8</i>	<i>SBU1</i>	<i>B5</i>	<i>CC2</i>
<i>A9</i>	<i>VBUS</i>	<i>B4</i>	<i>VBUS</i>
<i>A10</i>	<i>TX2-</i>	<i>B3</i>	<i>TX2-</i>
<i>A11</i>	<i>RX2+</i>	<i>B2</i>	<i>TX2+</i>
<i>A12</i>	<i>GND</i>	<i>B1</i>	<i>GND</i>

9	UP Terminal	GUB126H-1A1-VA2A	C18400	Note.2	1SET
8	Down Terminal	GUB127H-1A1-VA2A	C18400	Note.2	1SET
7	Insulation Jacket	HUB113L-1A1-EX00-H	LCP E130i UL 94V-0, HF		1PCS
6	Down Molding	HUT112L-1A1-RM2A-H			1PCS
5	Up Molding	HUT111L-1A1-RM2A-H			1PCS
4	Second Molding	HUT110L-1A1-RM2A-H			1PCS
3	Mid-Plate	GUB128U-1A1-VX00	SUS301	Note.2	1PCS
2	Inner Shell	GUB106U-1C1-VN72	SUS304	Note.2	1PCS
1	Outer Shell	GUB124U-1A1-SN72	SUS304	Note.2	1PCS
項次 NO.	品名 NAME	料 号 PART NUMBER	材料 MATERIAL	表面処理 PLATING	备注 MARK

产品图 PRODUCT CHART DWG				深圳市精拓金电子有限公司 Shenzhen Jing Tuo Jin Electronics Co., Ltd.							
公差一览表 TOLERANCE UNLESS OTHERWISE				单位 UNITS	MM	制图 DRAWING	L-S-S	产品料号 PRODUCT PART NO.	918-418K2023S40090		
X.	±0.35	X.	±5.	比例 SCALE	1:1	审核 CHKD	G-Z-F	产品名称 PRODUCT NO.	TYPE C 16P母座加防护护套加高 CH=6.96		
.X	±0.30	.X	±2.								
.XX	±0.25	.XX	±1.								
.XXX	±0.05	.XXX	±0.5.	日期 DATE	2021-03-10	核准 APPD	黄国荣	角法 VIEW		版本 VER	AO