

10

9

8

7

6

5

4

3

2

1

RoHS Compliant

业务图

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	NEW DRAWING	ERIC	2023.06.10
B	图面整理	ERIC	2023.10.17

规格说明Specifications

电气特性Electrical

1. 额定电流 Current Rating	3.0A/5.0A
2. 额定电压 Voltage Rating	5.0V
3. 接触阻抗 Contact Resistance	V&S & GND PINS AND OTHER PINS: 40mΩ/PIN MAX. SHIELD: 50mΩ/MAX SHIELD: LCR MAX. CHANGE OF ALL PINS: 10mΩ.
4. 耐电压 Dielectric Withstanding Voltage	150V AC / 1 mA MAX
5. 绝缘阻抗 Insulation Resistance	150V DC/1000 MΩ

物理性能 (Mechanical)

1. 插拔力 Connector Mate and Unmate Force	1. 插入力 (insertion force) : 5~20N 2. 拔出力 (pullout force) : 8~20N
2. 插拔寿命 DURABILITY	10000次

材质 (Material)

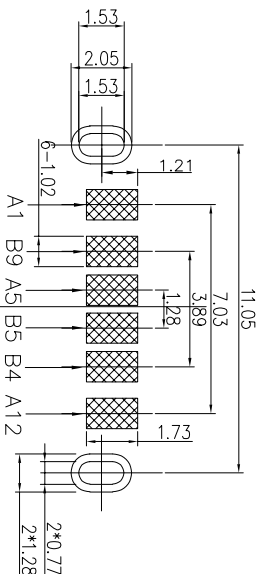
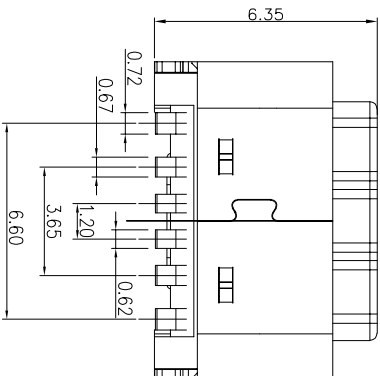
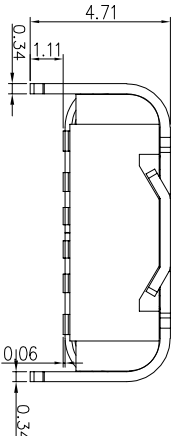
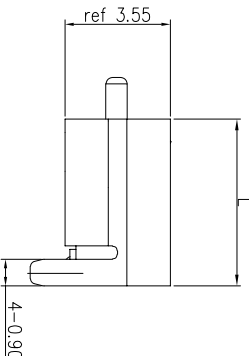
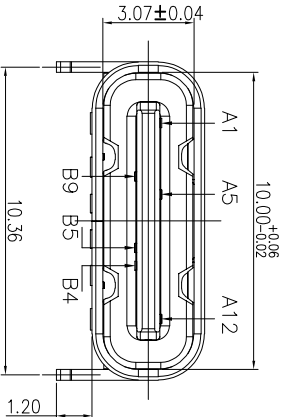
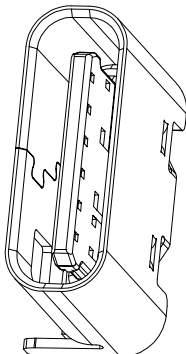
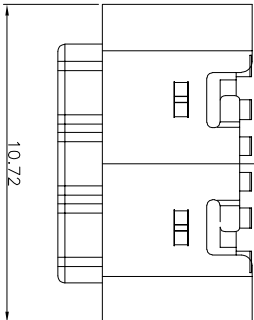
1. 塑胶 Housing	LCP UL94V-0 /PA9T
2. 端子 Contact	端子 (Contact) : C2680/C7025/C18400 T=0.20MM
3. 外壳 Shell	SUS304 T=0.30MM

电镀 (Finish)

1. 端子 Contact	镀金3U (Gold plated 3U)
2. 外壳 Shell	镀镍 (50U~80U) *MIN (丝重49H) (Nickel plating 50U*MIN (sail spray 49H))

电镀厚度规格说明：板面面积达到95%以上，SMT回流焊（峰值260℃/5S）下不起泡、不开裂、无脱落、无变色、无杂质等缺陷。
Electroplating products need to be tested for the adhesion in the area of the adhesion is more than 95%
SMT reflow soldering (peak 260℃/5S) can not bubble, poor melting and discoloration (deformation within tolerance)

工作温度 (operating temperature) : -25℃~+85℃



RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

Product Edge

UNLESS OTHERWISE
SPECIFIED TOLERANCES

TOLERANCE

B12	GND	A5	CC1
B9	V&S	A1	GND
B5	CC2	A12	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

L	L = 5.5
L	L = 5.0

深圳市金通精密有限公司

A

Shenzhen quantong precision co., Ltd

TYPE C 6PIN 板顶部板面面积达到95%以上，SMT回流焊（峰值260℃/5S）下不起泡、不开裂、无脱落、无变色、无杂质等缺陷。
foot length 11.1MM, shell outer 2 feet

QT-HTC-6BS0055-02/QT-HTC-6BS0050-02

PART NO.	SCALE:1:1	UNIT: mm	REV: A
DRAW	SIZE: A4	SHEET:10F1	
CHKD			
APVD			

CUSTOMER DRAWING

10

9

8

7

6

5

The copyright belongs to Shenzhen quantong precision co., Ltd, stolen pictures will be prosecuted