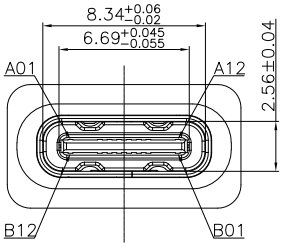
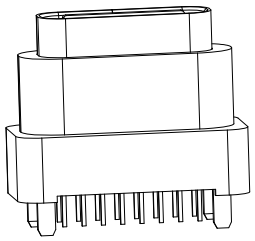
RoHS Compliant

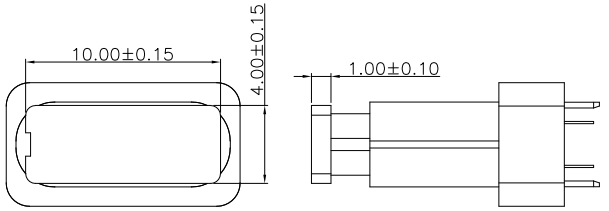
Process Capable

30 Min/1.5m
IP-X8

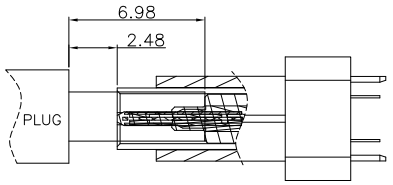
REV.	ZONE	DESCRIPTION	DESIGN	DATE
02	---	DRAWINGS UPGRADE	ZXM	2026.02.05
03	---	DRAWINGS UPGRADE	LJW	2026.05.09



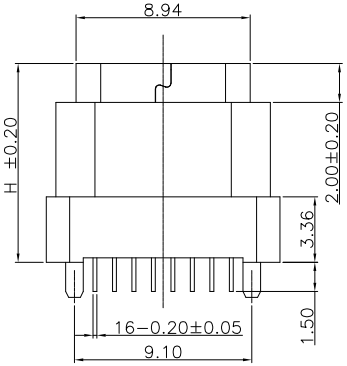


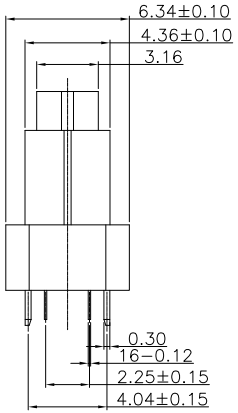


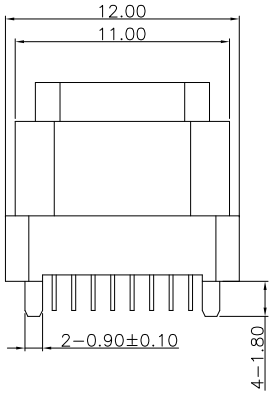
产品带吸取盖图示

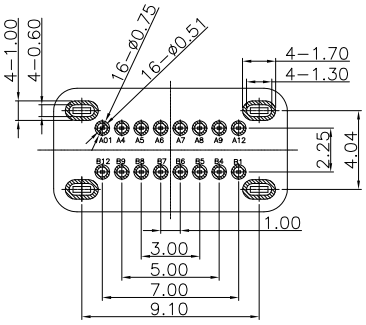


AFTER MATING









RECOMMENDED P.C.B. LAYOUT

TOLERANCE UNSPECIFIED ±0.05mm

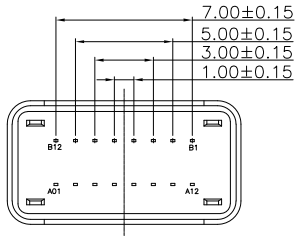


TABLE:

"H"Product height	H1	H2	H3	H4	H5	H6	H7
dimension	9.3	10.2	11.0	12.0	13.0	13.7	15.0

PIN ASSIGNMENT:

Pin No.	Signal Name	Pin No.	Signal Name
A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D−
A7	D−	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND

SPECIFICATION:

1、ELECTRICAL:
- 1.1 CURRENT RATING:5A;
- 1.2 CONTACT RESISTANCE:40mΩ Max;
- 1.3 DIELECTRIC WITHSTANDING VOLTAGE:100V AC;
- 1.4 INSULATION RESISTANCE:100 MΩ MIN;

2、MECHANICAL;
- 2.1 MATING FORCE:5~20N;
- 2.2 UNMATING FORCE:8~20N;
- 2.3 DURABILITY:10000 CYCLES;6~20N AFTER DURABILITY TEST;

3、MATERIAL:
- 3.1 OUTER COVER: PA9T UL94V−0 BLACK;
- 3.2 BODY HOUSING: LCP UL94V−0 BLACK;
- 3.3 TERMINAL:C7025 T=0.12mm;
- 3.4 SHELL:SUS304 T=0.30mm;
- 3.5 MID PLATE:SUS301 T=0.15mm;

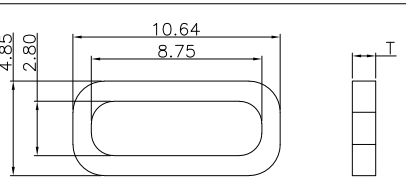
4、PLATING SPECIFICATION:
- 4.1 TERMINAL:CONTACT AREA GOLD PLATED 1u "MIN PIN WELDING AREA GOLD PLATED 1u" MIN.
- 4.2 SHELL:PLATED Ni 60u" MIN(Salt spray 48H)
- 4.3. MID PLATE:CLEAR ONLY

5、ELECTROPLATED PRODUCTS NEED TO UNDERGO TIN ADHESION TESTING: THE TIN ADHESION AREA SHOULD REACH OVER 95%.

6、SMT REFLOW SOLDERING (PEAK VALUE 260 °C ± 5 ° C) SHALL BE FREE OF BLISTERING, GLUE MELTING AND POOR COLOR CHANGE (DEFORMATION WITHIN TOLERANCE)

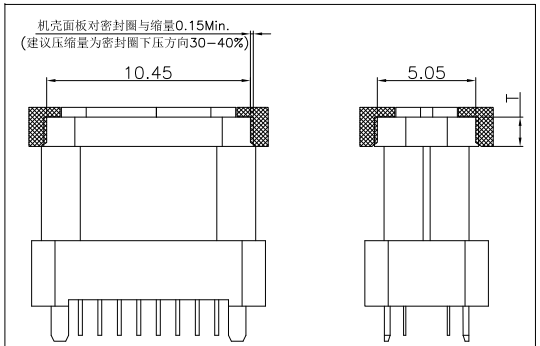
7、OPERATING TEMPERATURE: −40°C~+85°C

8. WATER PROOFNESS:THIS PRODUCTIS BASED ON IPX8.



建议的胶圈尺寸

"T"thickness	T1	T2
dimension	1.2	1.5



密封开孔参考尺寸(只供参考),组装外壳时需要打环保润滑油

X.	±0.50	X.°	± 2°
.X	±0.30	.X°	± 1°
.XX	±0.20	.XX°	± 0.5°
.XXX	± 0.10		

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UNITS: mm

MAT'L:

FINISH:

Q'TY:

广东创粤科技有限公司
Guangdong Chuangyue Technology Co.,Ltd.

TITLE: TYPE C 16PIN立插防水母座
头部外露2.0 IPX8

APPD: CZN

CHKD: CZJ

DR: LJW

PART NO.: TYPE-C-16P-H10.2-001172

SCALE	SHEET	REV.
1/1	1/1	03