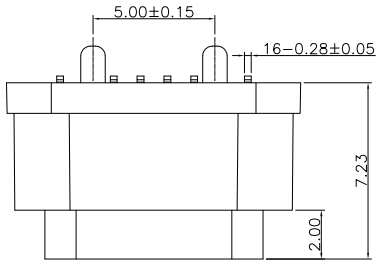
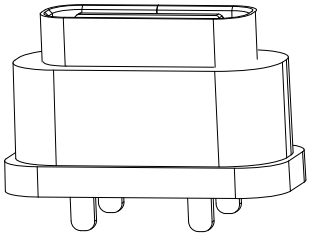
RoHS Compliant

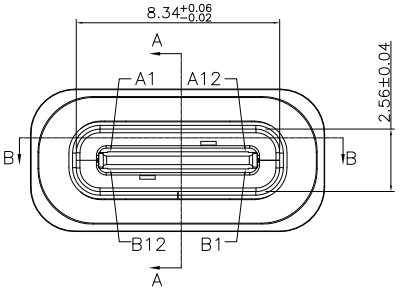
Process Capable

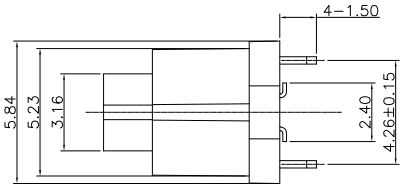
30 Min/1.5m
IP-X8

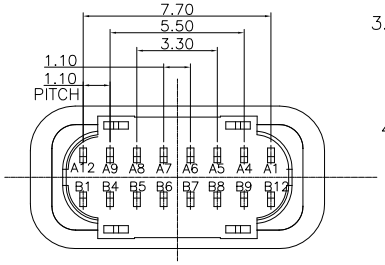
REV.	ZONE	DESCRIPTION	DESIGN	DATE
A	---	NEW	曾捷	2023/07/11
B	---	UPGRADER DRAWINGS	ZXM	2025.03.21

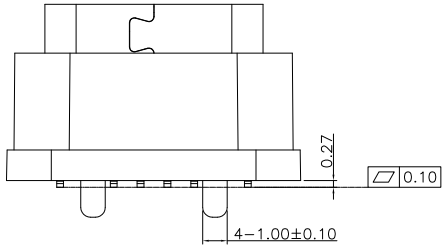


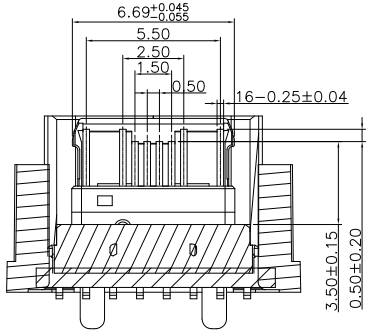




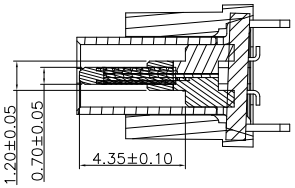








SECTION: B-B
SCALE 1:1



SECTION: A-A
SCALE 1:1

NOTE:

1.MATERIAL SPECIFICATION:
- 1-1.HOUSING: LCP,BLACK,UL94 V-0.
- 1-2.CONTACTS: C2680 T=0.15
- 1-3.SHELL: SUS304 T=0.30;
- 1-4.MID PLATE: SUS304 T=0.15;

2.PLATING SPECIFICATION:
- 2-1.CONTACTS:
  - Ni 50u" MIN. UNDER PLATED OVER ALL.
  - G/F PLATED ON THE FUNCTIONAL AREA OF CONTACT.
  - G/F PLATED ON SOLDER AREA.
- 2-2.SHELL:
  - Ni 30u" MIN. UNDER PLATED OVER ALL.
- 2-3.MID PLATE:
  - CLEAR ONLY

3.MECHANICAL PERFORMANCE,
- 3-1.INSERTION FORCE: 0.5~2.0kgf.
- 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
- 3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,
- 4-1. CURRENT RATING: 5.0A
  VOLTAGE RATING: 5.0V
- 4-2.INSULATION RESISTANCE: 100MΩ MIN.
- 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- 4-4.LOW CONTACT RESISTANCE: INITIAL 40mΩ AFTER 50mΩ

5.ENVIRONMENTAL PERFORMANCE:
- OPERATING TEMPERATURE: -40°C~+85°C.

6.IR REFLOW:
- THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

7.Water Resistance: IPX8

X. ±0.50	X.° ± 2°	UNITS mm
.X ±0.30	.X° ± 1°	MAT'L
.XX ±0.20	.XX° ± 0.5°	FINISH
.XXX ±0.10		Q'TY

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

TITLE: TYPE-C 16PIN直立式防水母座H=7.50 IPX8

APPD: CZN
CHKD: CZJ
DR: ZXM

PART NO.: TYPE-C-16P-H7.5SMT-00142

SCALE	SHEET	REV.
1/1	1/3	B

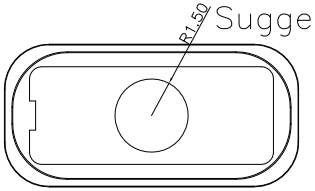
REV.	ZONE	DESCRIPTION	DESIGN	DATE
A	---	NEW	曾捷	2023/07/11
B	---	UPGRADER DRAWINGS	ZXM	2025.03.21

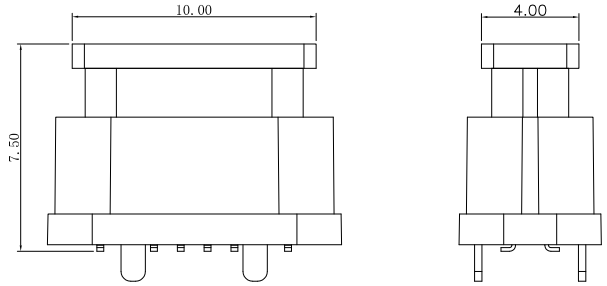
RoHS Compliant

Process Capable

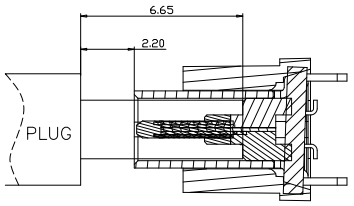
30 Min/1.5m
IP-X8

Suggested adsorption size





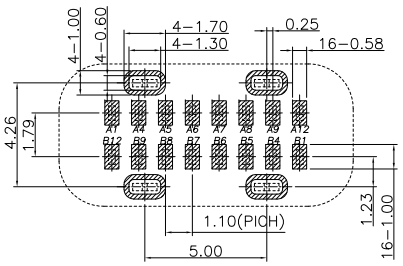
Install suction cap diagram



AFTER MATING

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



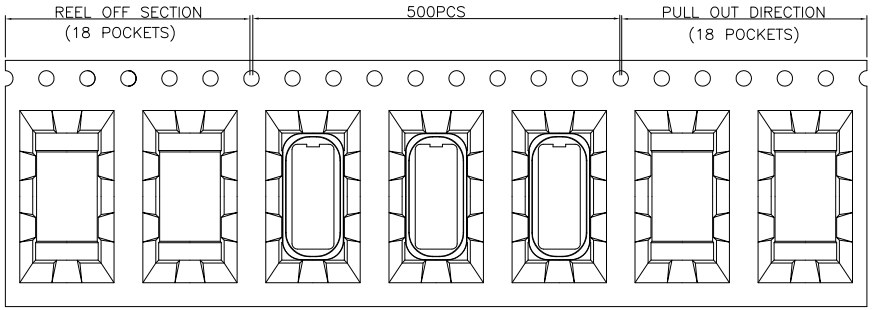
RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

X. ±0.50	X.° ± 2°	UNITS mm	广东创粤科技有限公司 Guangdong Chuangyue Technology Co.,Ltd
.X ±0.30	.X° ± 1°		
.XX ±0.20	.XX° ± 0.5°	MAT'L	TITLE: TYPE-C 16PIN直立式防水母座H=7.50 IPX8
.XXX ±0.10			
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF GUANGDONG CHUANGYUE TECHNOLOGY CO.,LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF GUANGDONG CHUANGYUE TECHNOLOGY CO., Ltd		FINISH	APPD: CZN / PART NO.: TYPE-C-16P-H7.5SMT-00142
		Q'TY	CHKD: CZJ
			DR: ZXM

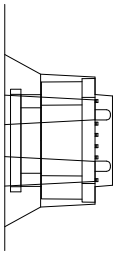
SCALE	SHEET	REV.
1/1	2/3	B

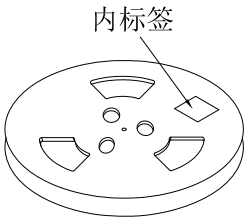
REV.	ZONE	DESCRIPTION	DESIGN	DATE
A	---	NEW	曾捷	2023/07/11
B	---	UPGRADER DRAWINGS	ZXM	2025.03.21

RoHS Compliant

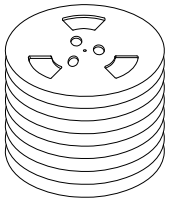


① 产品入载带示意图

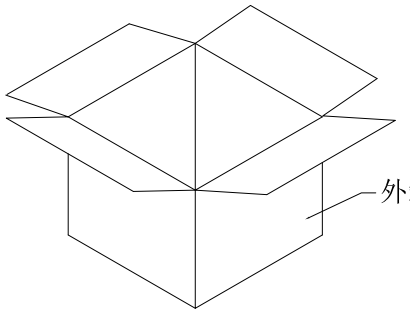




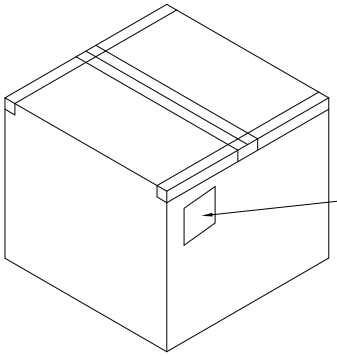
② 卷盘贴标签示意图



③ 产品叠层示意图



④ 产品入外箱示意图



⑤ 外箱封箱示意图

	REEL	CARTON
CONNECTOR (PCS)	500	5500

包装说明：

1. 将检验好的成品；对插口朝前放入载带；每卷装500PCS产品；
2. 将包装好的产品；每盘必须贴上内标签；
3. 将贴好内标签的产品每11盘叠；
4. 装好后并封好纸箱及贴好相关标签；

（产品包装的标签，如客户有要求，请按客户要求包装出货）

X. ±0.50	X.° ± 2°	UNITS	广东创粤科技有限公司 Guangdong Chuangyue Technology Co.,Ltd
.X ±0.30	.X° ± 1°	mm	
.XX ±0.20	.XX° ± 0.5°	MAT'L	TITLE: TYPE-C 16PIN直立式防水母座H=7.50 IPX8
.XXX ±0.10			
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		Q'TY	CHKD: CZJ
			DR: ZXM

SCALE	SHEET	REV.
1/1	3/3	B