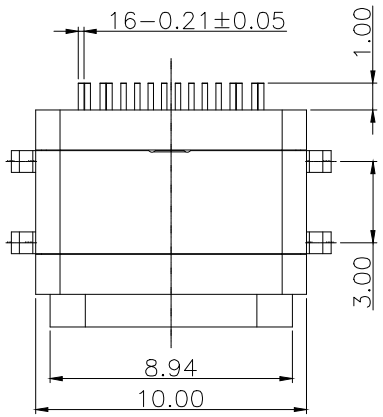
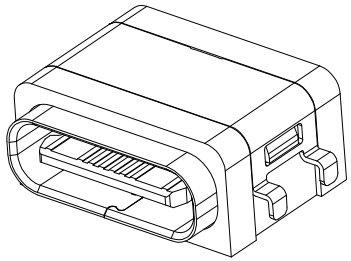
REV.	ZONE	DESCRIPTION	DESIGN	DATE
C	---	UPGRADER DRAWINGS	ZXM	2025.12.23

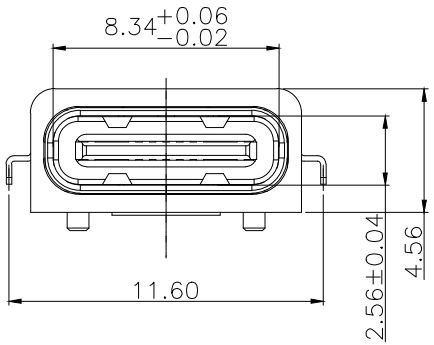
RoHS Compliant

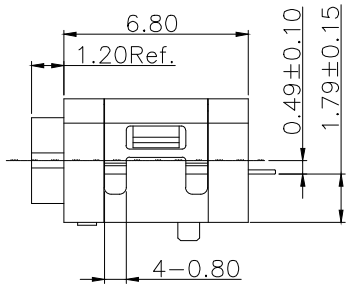
Process Capable

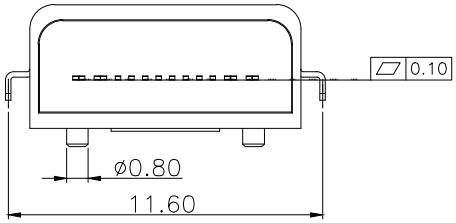
30 Min/1m
IP-X7

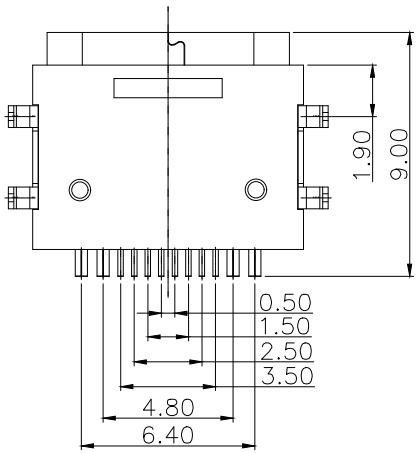












Note:
1.Material:
- 1.1 Housing: PA9T,BLACK
- 1.2 Contact: C7025,T=0.15mm
- 1.3 Shell: SUS304,T=0.3mm
- 1.4 Mid plate: SUS301,T=0.15mm
- 1.5 Ground plate: SUS304,T=0.2mm
- 1.6 Molding: LCP,BLACK,UL94V-0

2.ELECTRICAL:
- 2-1:CURUENT RATAING:
  VBUS AND GND CONTACTS RATED AT 1.25A PARALLELED FOR A TOTAL OF 3A;
- 2-2:INITIAL CONTACT RESISTANCE :40 MEGOHMS
- 2-3:DIEELECTRIC WITHSTANDING VOLTAGE:
  100V AC MIN;

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

4.MECHANICAL CHARACTERISTICS:
- 4-1:MATING FORCE: 5~20N
- 4-2:UNMATING FORCE: 8~20N(INITIAL), 6~20N(AFTER 10000 CYCLES),
- 4-3:FREQUENCE: 200±50 CYCLES /HOUR, 10000 CYCLES
- 4-4:OPERATING TEMPERATURE ;-40°~+85°.

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

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

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沉板4脚插板防水母座
头部外露1.2中心高0.48

APPD: CZN
CHKD: CZJ
DR: ZXM

PART NO.: TYPE-C-16P-R1.8L6.8-00187

SCALE	SHEET	REV.
1/1	1/3	C

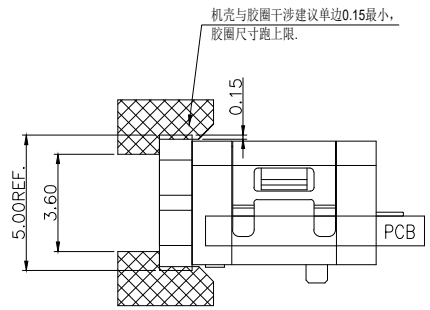
REV.	ZONE	DESCRIPTION	DESIGN	DATE
C	---	UPGRADER DRAWINGS	ZXM	2025.12.23

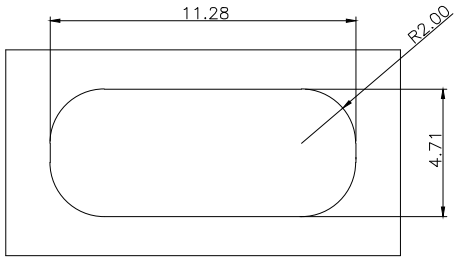
RoHS Compliant

Process Capable

30 Min/1m
IP-X7

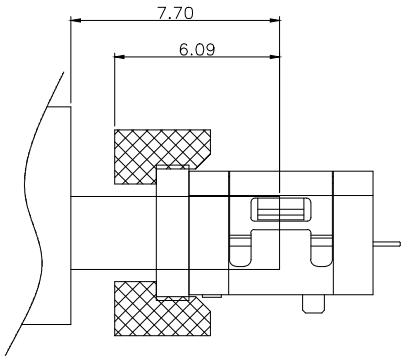
密封开孔参考尺寸(只供参考),组装外壳时需要打环保润滑油



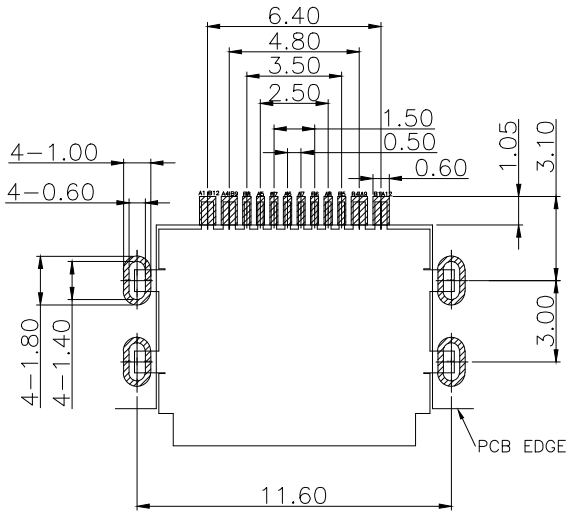


装配方向

组装示意图

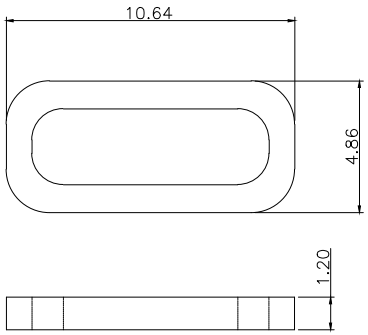


plug插入深度参考图



RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ±0.05



胶圈使用尺寸参考图

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

UNITS mm

MAT'L

FINISH

Q'TY

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Guangdong Chuangyue Technology Co.,Ltd.

TITLE: TYPE-C 16PIN沉板4脚插板防水母座
头部外露1.2中心高0.48

APPD: CZN

CHKD: CZJ

DR: ZXM

PART NO.: TYPE-C-16P-R1.8L6.8-00187

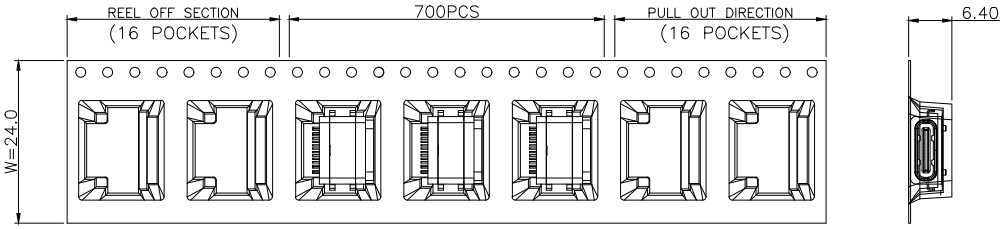
SCALE	SHEET	REV.
1/1	2/3	C

REV.	ZONE	DESCRIPTION	DESIGN	DATE
B	---	UPGRADER DRAWINGS	ZXM	2025.12.23

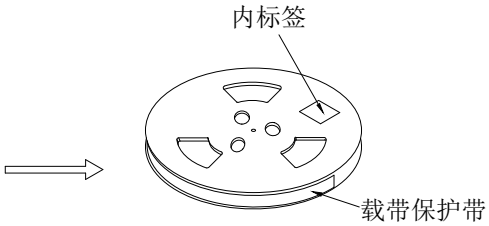
RoHS Compliant

Process Capable

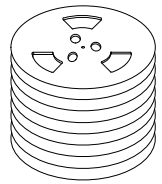
30 Min/1m
IP-X7



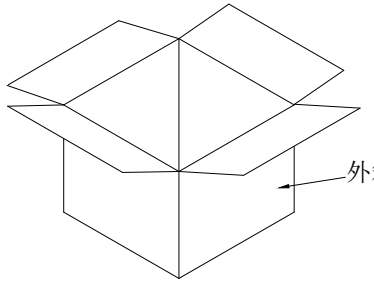
① 产品入载带示意图



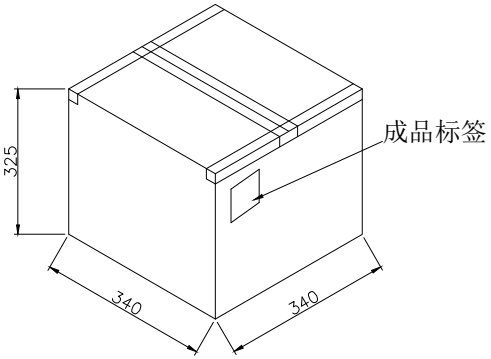
② 卷盘贴标签示意图



③ 11盘产品叠层示意图



④ 产品入外箱示意图



⑤ 外箱封箱示意图

包装说明：
1. 将检验好的成品;SMT朝下放入载带底部;每卷装700PCS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）
5. 载带前面留16PCS空格，后面留16PCS空格

	REEL	CARTON
CONNECTOR (PCS)	700	7700

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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头部外露1.2中心高0.48

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SCALE	SHEET	REV.
1/1	3/3	C