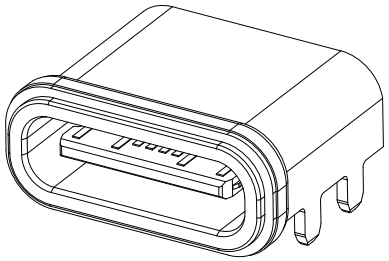
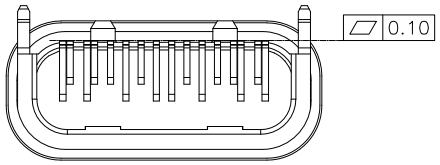
REV.	ZONE	DESCRIPTION	DESIGN	DATE
B	---	ADD NEW PART NUMBER	LJW	2026.05.07
C	---	DRAWING UPGRADE	LJW	2026.06.18

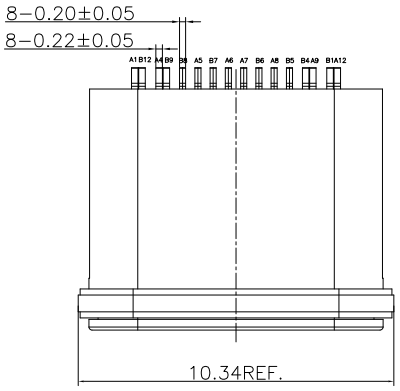
RoHS Compliant

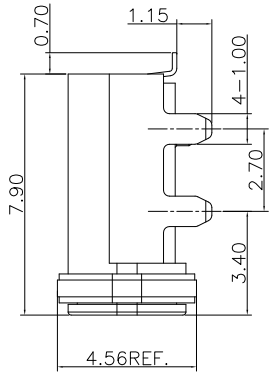
Process Capable

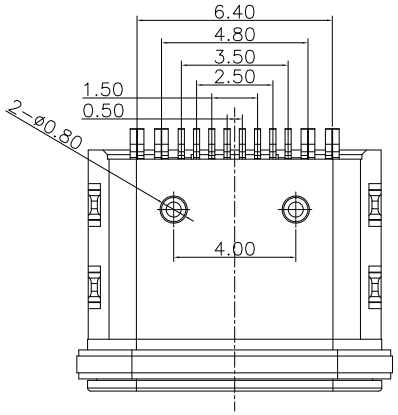
30 Min/1m
IP-X7

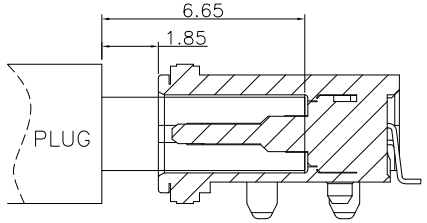




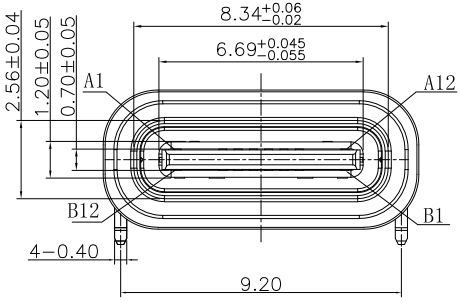


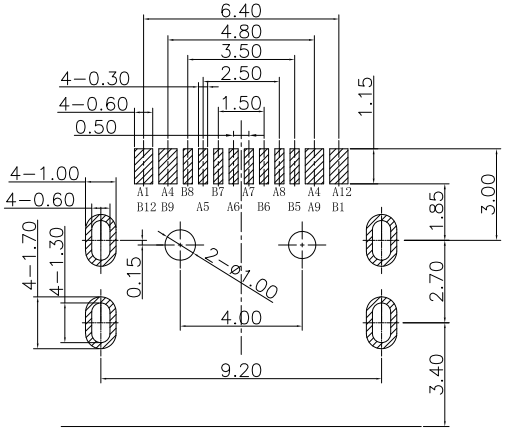






AFTER MATING





RECOMMENDED P.C.B. LAYOUT (TOP VIEW)

TOLERANCE UNSPECIFIED ±0.05mm

NOTE:
1. MATERIAL SPECIFICATION:
   1-1. HOUSING: LCP, BLACK, UL94 V-0.
   1-2. CONTACTS: C7025
   1-3. MID PLATE: SUS301
   1-4. SHELL: SUS316
   1-5. RUBBER RING: EPOXY RESIN
2. PLATING SPECIFICATION:
   2-1. CONTACTS:
      Ni 50u" MIN. UNDER PLATED OVER ALL.
      Aulu" PLATED ON THE FUNCTIONAL AREA OF CONTACT.
      1u" MIN Au PLATED ON SOLDER AREA.
   2-2. SHELL:
      Ni 30u" MIN. UNDER PLATED OVER ALL.
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: 3.0A
      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: IPX7

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板上四脚插板防水母座 粉末冶金外壳 IPX7

APPD:	CZN
CHKD:	CZJ
DR:	LJW

PART NO.: TYPE-C-16P-L7.9-00159

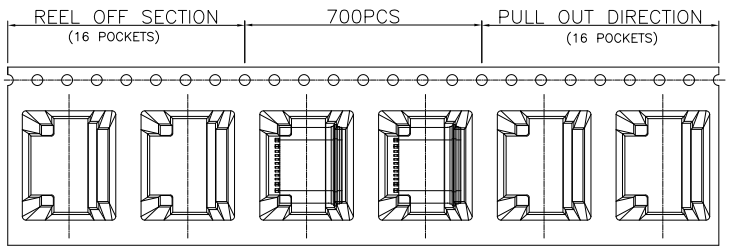
SCALE	SHEET
1/1	1/2

RoHS Compliant

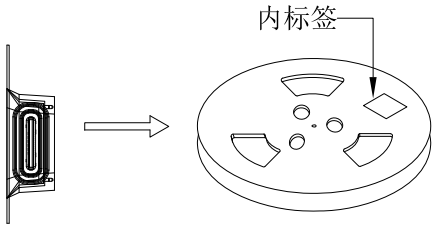
Process Capable

30 Min/1m
IP-X7

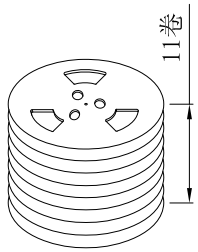
REV.	ZONE	DESCRIPTION	DESIGN	DATE
B	---	ADD NEW PART NUMBER	LJW	2026.05.07
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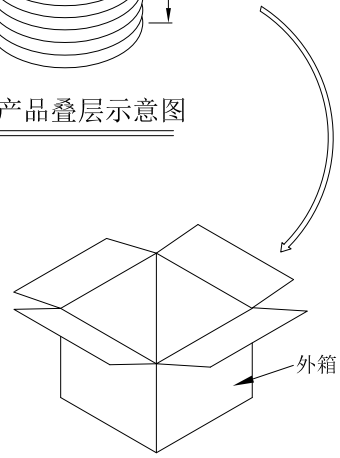
① 产品入载带示意图



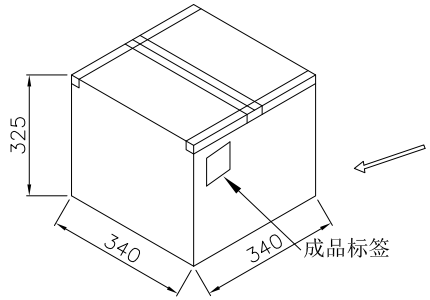
② 卷盘贴标签示意图



③ 11盘产品叠层示意图

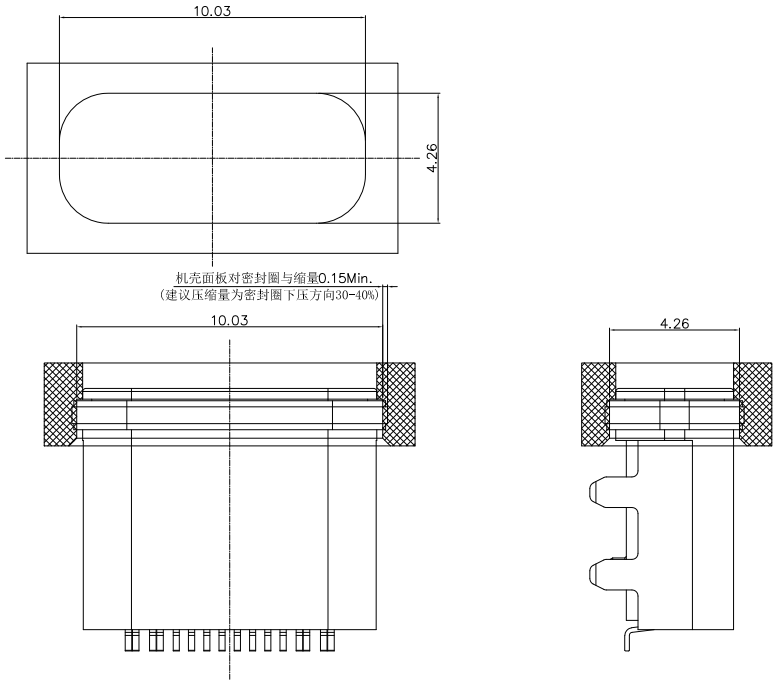


④ 产品入外箱示意图



⑤ 外箱封箱示意图

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



包装说明:
1. 将检验好的成品;对插口朝前放入载带;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盘叠放好;
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
6. COVER与CARRY剥离力:50-125g,速度:300mm/分钟左右,
剥离角度:165°-180°

	REEL	CARTON
CONNECTOR (PCS)	700	7700

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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SCALE	SHEET
1/1	2/2