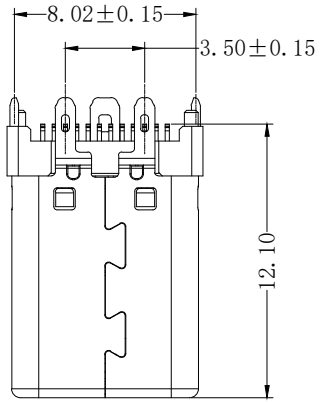
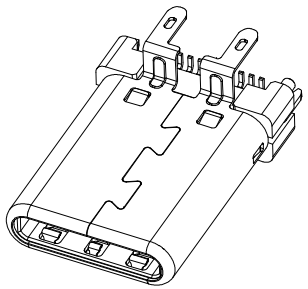
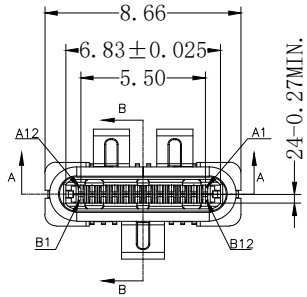
Pb Process Capable

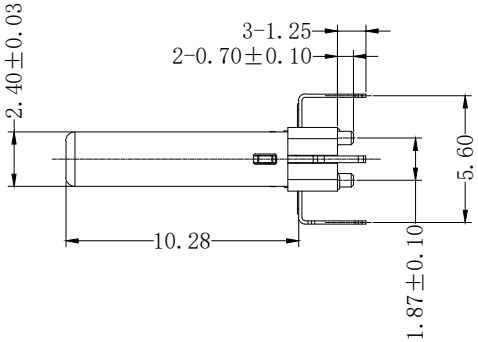
RoHS Compliant

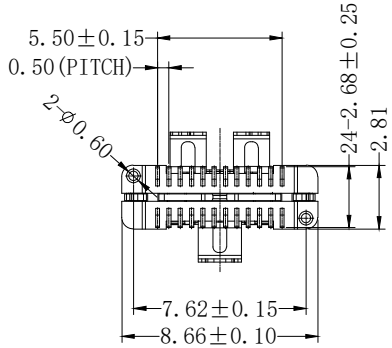
| REV. | ZONE | DESCRIPTION | DESIGN | DATE |
|---|---|---|---|---|
| A | --- | INITIAL RELEASED | ZXM | 2025.08.30 |

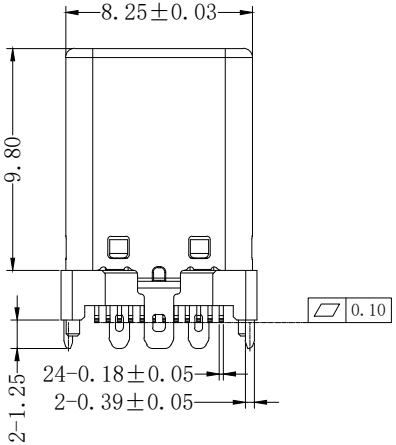


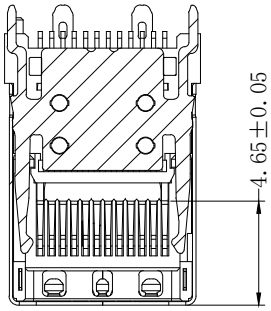






SECTION: A-A
SCALE 1:1

NOTE:

1.MATERIAL SPECIFICATION:

1-1.HOUSING: PA,BLACK
1-2.MOLDING: LCP,BLACK
1-3.CONTACTS: C5191 T=0.15
1-4.LATCH: SUS301 T=0.30
1-5.SHELL: SUS304 T=0.15;
1-6.SPRING: SUS304 T=0.10;
1-7.CAP: LCP,BLACK

2.PLATING SPECIFICATION:

2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au1u" PLATED ON THE FUNCTIONAL AREA OF CONTACT.
MATTE TIN 50u" MIN. PLATED ON SOLDER AREA.
2-2.SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
2-3.LATCH:
Ni 30u" MIN. UNDER PLATED OVER ALL.
50u" MIN. TIN PLATED ON SOLDER AREA.
2-4.SPRING:
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: 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℃~+85℃.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260℃.

| | | |
|---|---|---|
| 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 24PIN立式贴片公头 三支脚 H=12.1MM

APPD: CZN
CHKD: CZJ
DR: ZXM

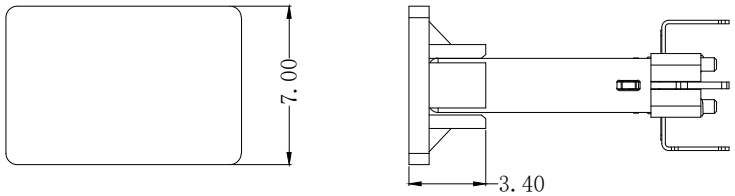
PART NO.: TYPE-CM-24P-H12.1SMT-00118

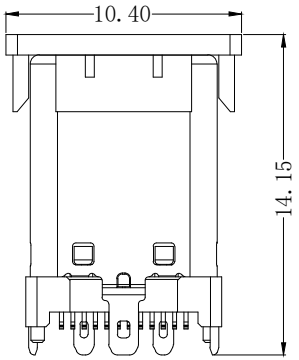
| SCALE | SHEET | REV. |
|---|---|---|
| 1/1 | 1/3 | A |

| REV. | ZONE | DESCRIPTION | DESIGN | DATE |
|---|---|---|---|---|
| A | --- | INITIAL RELEASED | ZXM | 2025.08.30 |

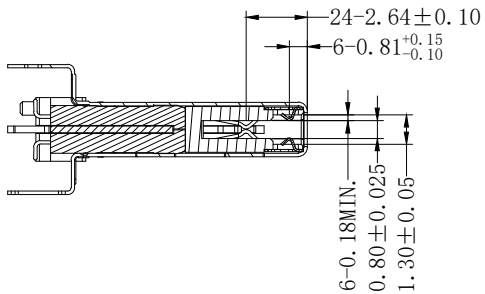
RoHS Compliant

Process Capable



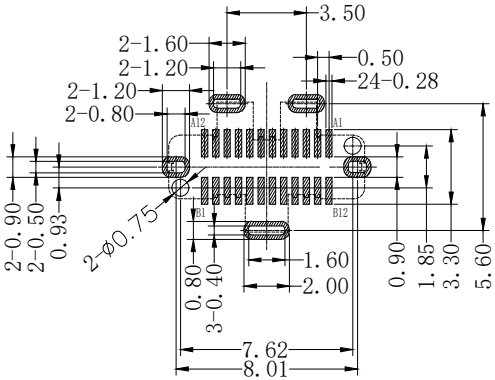

Added suction cap view
SCALE 1:1




SECTION: B-B
SCALE 1:1

PIN ASSIGNMENT:

| | | | |
|---|---|---|---|
| A1 | GND | B12 | GND |
| A2 | SSTXP1 | B11 | SSRXP1 |
| A3 | SSTXN1 | B10 | SSRXN1 |
| A4 | VBUS | B9 | VBUS |
| A5 | CC1 | B8 | SBU2 |
| A6 | DP1 | B7 | DN2 |
| A7 | DN1 | B6 | DP2 |
| A8 | SBU1 | B5 | CC2 |
| A9 | VBUS | B4 | VBUS |
| A10 | SSRXN2 | B3 | SSTXN2 |
| A11 | SSRXP2 | B2 | SSTXP2 |
| A12 | GND | B1 | GND |
| PIN | SIGNAL NAME | PIN | SIGNAL NAME |



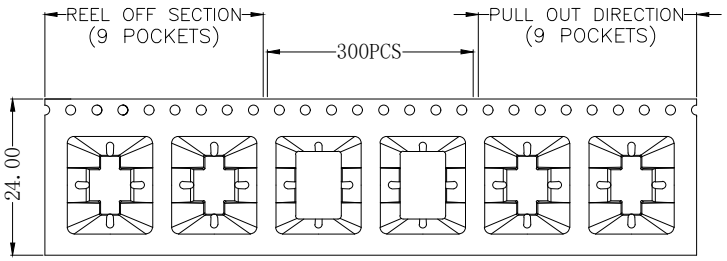

RECOMMENDED PCB LAYOUT(t=0.80±0.05)
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)

| | | | |
|---|---|---|---|
| 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° | MAT'L | TITLE: TYPE-C 24PIN立式贴片公头 三支脚 H=12.1MM |
| .XX ±0.20 | .XX° ± 0.5° | | |
| .XXX ±0.10 | | FINISH | APPD: CZN / PART NO.: TYPE-CM-24P-H12.1SMT-00118 |
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| | | | DR: ZXM |

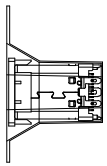
| SCALE | SHEET | REV. |
|---|---|---|
| 1/1 | 2/3 | A |

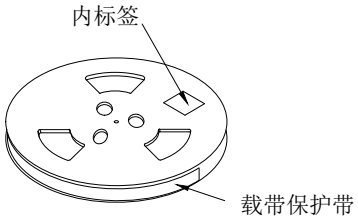
| REV. | ZONE | DESCRIPTION | DESIGN | DATE |
|---|---|---|---|---|
| A | --- | INITIAL RELEASED | ZXM | 2025.08.30 |

RoHS Compliant

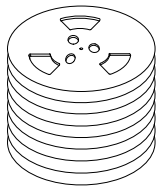



① 产品入载带示意图

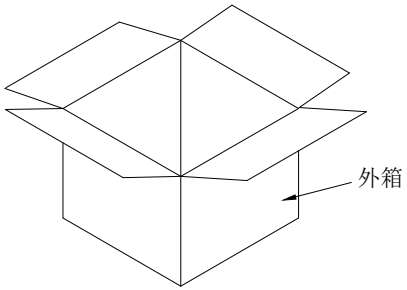




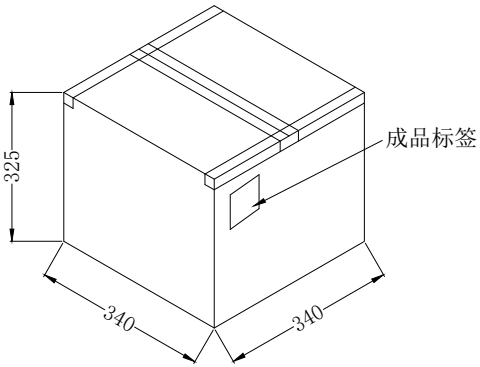

② 卷盘贴标签示意图



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

| | REEL | CARTON |
|---|---|---|
| CONNECTOR (PCS) | 300 | 3300 |

包装说明：
1. 将检验好的成品;SMT朝下放入载带底部;每卷装300PCS产品;
2. 将包装好的产品;每盘必需贴上内标签;
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9PCS空格，后面留9PCS空格
6. COVER与CARRY剥离力:50-125g,速度:300mm/分钟左右,
   剥离角度:165° -180°

| | | | |
|---|---|---|---|
| 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° | MAT'L | TITLE: TYPE-C 24PIN立式贴片公头 三支脚 H=12.1MM |
| .XX ±0.20 | .XX° ± 0.5° | FINISH | APPD: CZN / PART NO.: TYPE-CM-24P-H12.1SMT-00118 |
| .XXX ± 0.10 | | Q'TY | CHKD: CZJ |
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| SCALE | SHEET | REV. |
|---|---|---|
| 1/1 | 3/3 | A |