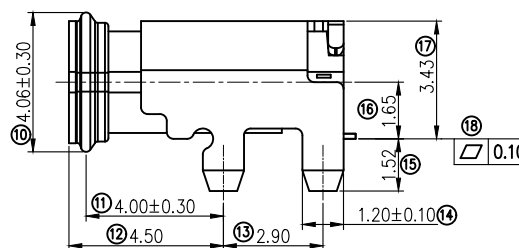
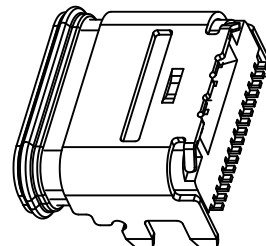
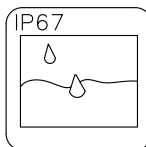
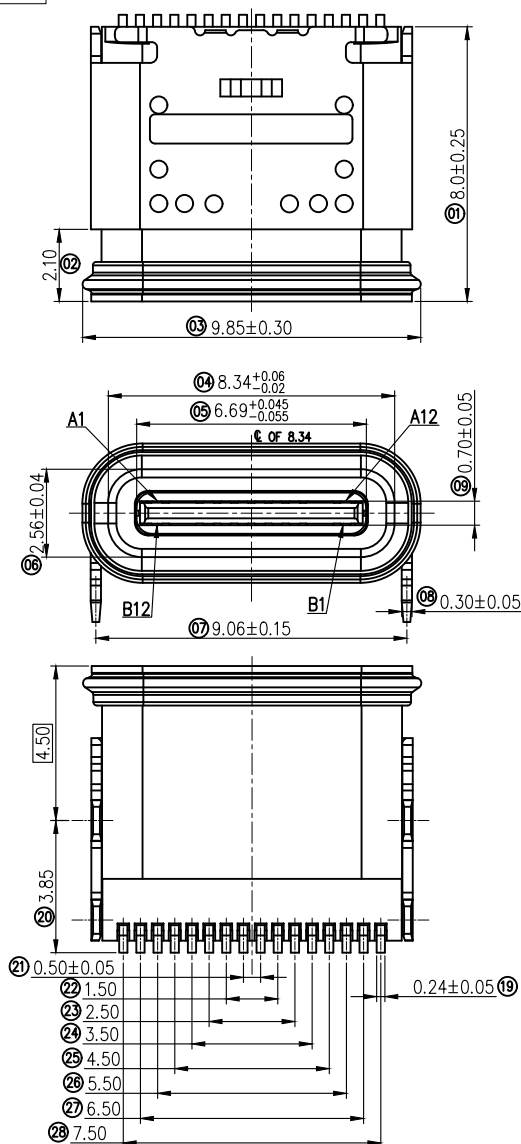




REV:	ECN. NO.	NAME	DATE
A1	-----	Update drawing	07-21-2026



USB TYPE-C PIN ASSIGNMENTS

Signal Name	Signal Name
A1 GND	B12 GND
A4 VBUS	B9 VBUS
A5 CC1	B8 SBU2
A6 Dp1	B7 Dn2
A7 Dn1	B6 Dp2
A8 SBU1	B5 CC2
A9 VBUS	B4 VBUS
A12 GND	B1 GND

备注:

1. 材质:

- 1.1 塑胶: PA46 HFX33S UL94V-0; 颜色: 黑色
- 1.2 端子: C7025
- 1.3 外壳: SUS304
- 1.4 内壳: SUS316L
- 1.5 中夹片: SUS301
- 1.6 EMT: SUS304
- 1.7 防水圈: 液态硅胶成型 黑色
胶水: 黑色环氧胶

2. 电镀:

- 2.1 端子: 接触区镀金1u" Min; 焊接区镀金G/F;
整体镀镍30u" Min.
- 2.2 外壳: 镀镍30u" Min.
- 2.3 内壳/中夹片/EMI: 清洗.

3. 电气性能:

- 3.1 额定电流: VBUS and GND pin 5A;
其他接触端子 0.25A
- 3.2 接触阻抗: 40mΩ Max. 测试后 50mΩ Max.
- 3.3 绝缘阻抗: 100MΩ Min.
- 3.4 耐压: 100V AC R.M.S

4. 机械性能:

- 4.1 插入力: 5-20N
拔出力: 8-20N 测试后6-20N
- 4.2 寿命: 10000次.

5. 环境性能:

- 5.1 工作温度: 温度-40° C~+85° C;
湿度 80% R.H MAX

- 5.2 盐雾: 24H

6. 焊锡: 245±5° C, 5±0.5s

7. IR 炉: 220℃的回流焊60S Min,
且保持260+0/-5℃ 10S Min

8. 拆除真空包装后, 需要在8小时内完成贴片.

MILLIMETERS	INCH
X° ± 2°	X° ± 2°
.X ± 0.30	.X ± 0.012
.XX ± 0.20	.XX ± 0.008
.XXX ± 0.10	.XXX ± 0.004



FOR YOUR
VITAL CONNECTION

TITLE:

TYPE C 16PIN 板上3.43 CH1.65 端子SMT
四脚插板 一体防水母座LIM款IP67

DRAWN BY: Zou Long

PART NO: UC3210492E1

SHEET: 1 OF 3

REV: A1

CHECKED BY: Bob

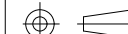
DWG NO: D-UC3210492E1

SIZE: A4

UNIT:mm FCN: E1

APPROVED BY: QPF

PROJECTION:

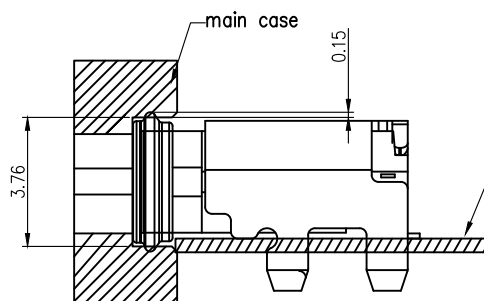


<http://www.vitalconn.com>

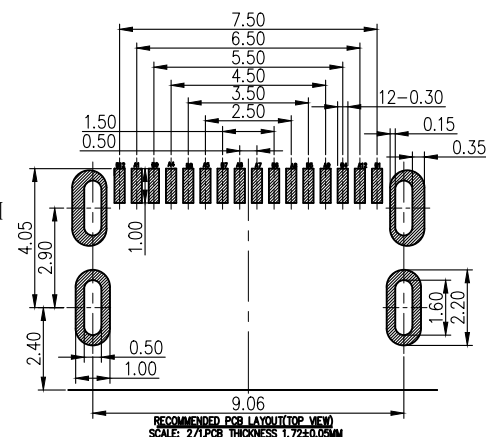
For technical support, please send an email to support@vitalconn.com



REV:	ECN. NO.	NAME	DATE
A1	-----	Update drawing	07-21-2026



PCB板
建议PCB板距离防水圈保留0.1-0.15MM



MILLIMETERS	INCH
X° ± 2°	X° ± 2°
.X ± 0.30	.X ± 0.012
.XX ± 0.20	.XX ± 0.008
.XXX ± 0.10	.XXX ± 0.004



FOR YOUR
VITAL CONNECTION

TITLE:

TYPE C 16PIN 板上3.43 CH1.65 端子SMT
四脚插板 一体防水母座LIM款IP67

DRAWN BY: Zou Long

PART NO: UC3210492E1

SHEET: 2 OF 3 REV: A1

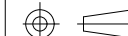
CHECKED BY: Bob

DWG NO: D-UC3210492E1

SIZE: A4 UNIT:mm FCN: E1

APPROVED BY: QPF

PROJECTION:

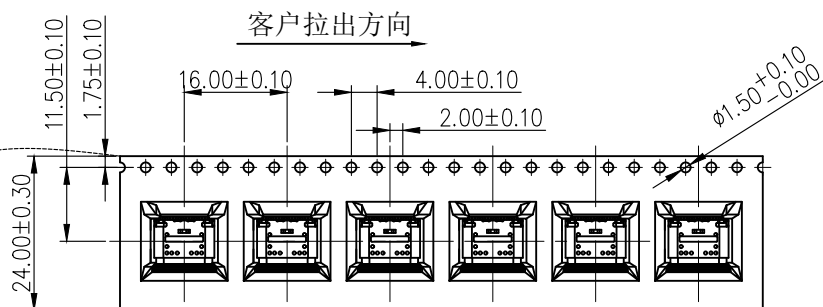


<http://www.vitalconn.com>

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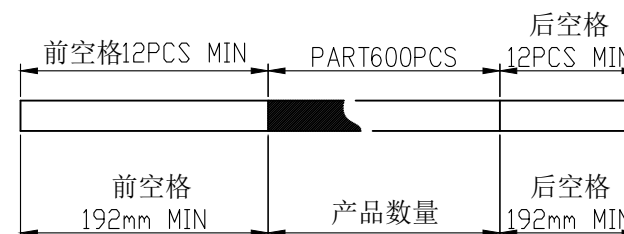


REV:	ECN. NO.	NAME	DATE
A1	----	Update drawing	07-21-2026

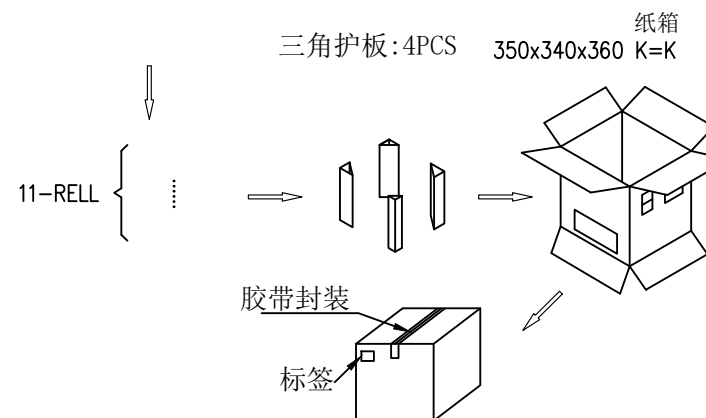
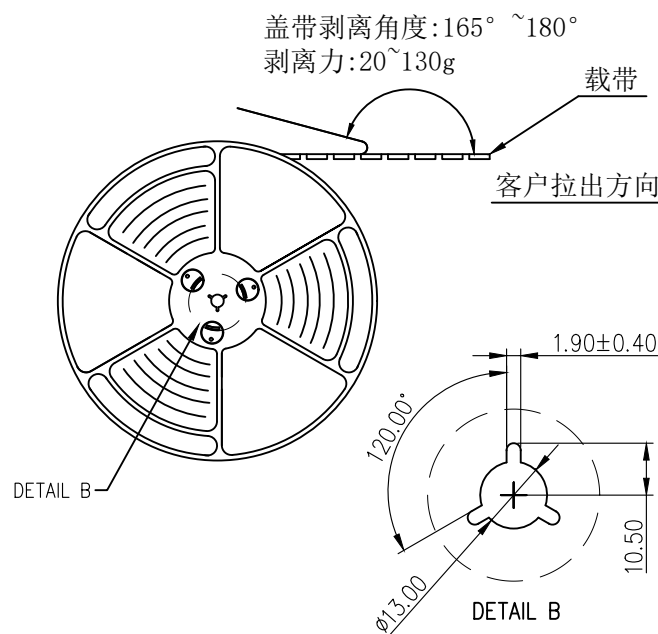


备注

1. 卷装数量:600PCS/REEL
2. 载带总长度



3. 每箱包装数量: 6600PCS/CARTON



MILLIMETERS	INCH
X° ± 2°	X° ± 2°
.X ± 0.30	.X ± 0.012
.XX ± 0.20	.XX ± 0.008
.XXX ± 0.10	.XXX ± 0.004



FOR YOUR
VITAL CONNECTION

TITLE:	TYPE C 16PIN 板上3.43 CH1.65 端子SMT 四脚插板 一体防水母座LIM款IP67				
DRAWN BY:	Zou Long	PART NO:	UC3210492E1	SHEET:	3 OF 3
CHECKED BY:	Bob	DWG NO:	D-UC3210492E1	SIZE: A4	UNIT:mm
APPROVED BY:	QPF	PROJECTION:		http://www.vitalconn.com	

For technical support, please send an email to support@vitalconn.com