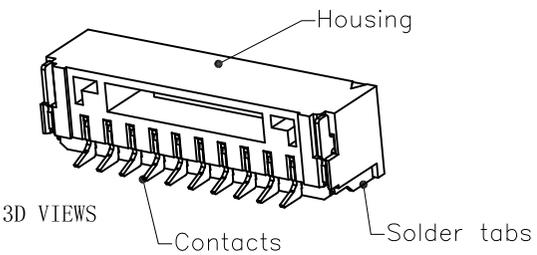
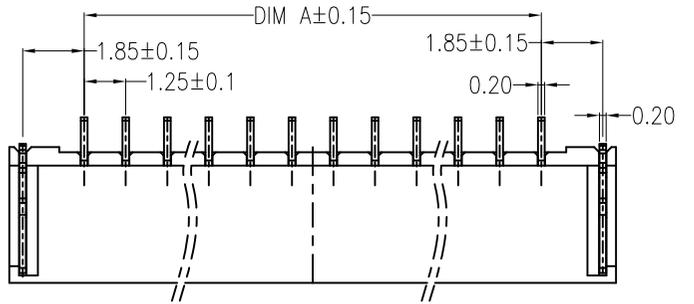
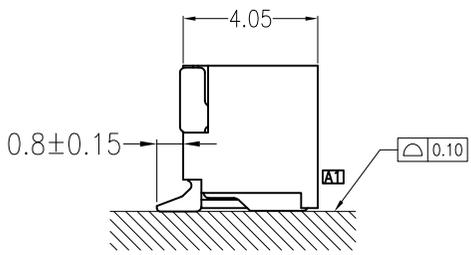
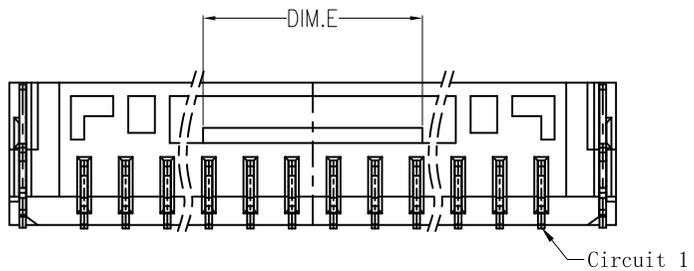
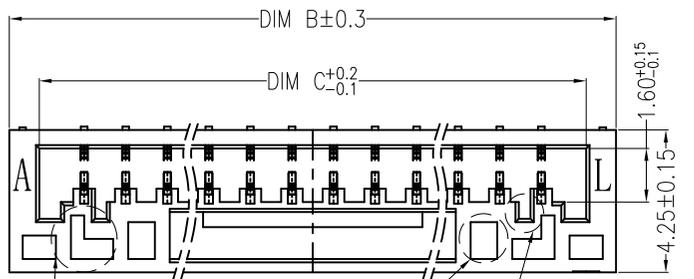


| REV | DESCRIPTION | DESIGN | DATE |
|-----|--------------------------|-------------|------------|
| A0 | NEW RELEASE | Wudanping | 2015/10/18 |
| A1 | Improve the scraping gum | Jiangjiayin | 2018/12/30 |

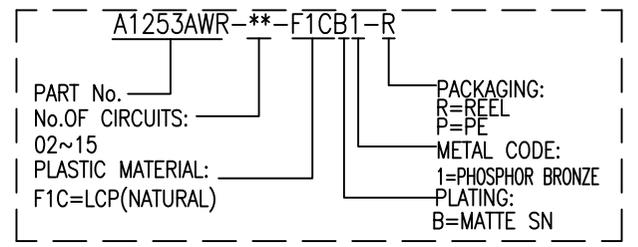


Specifications:

- Contact resistance: ≤20mΩ
- Insulation resistance: ≥100MΩ
- Rated voltage: 50V AC DC
- Rated current: 1.0A AC DC
- Withstand voltage: 500V AC/minute
- Temperature range: -40°C ~ +110°C
- Housing: LCP UL94V-0, Natural
- Contacts: Phosphor bronze/Matte Sn
- Solder tabs: Phosphor bronze/Matte Sn

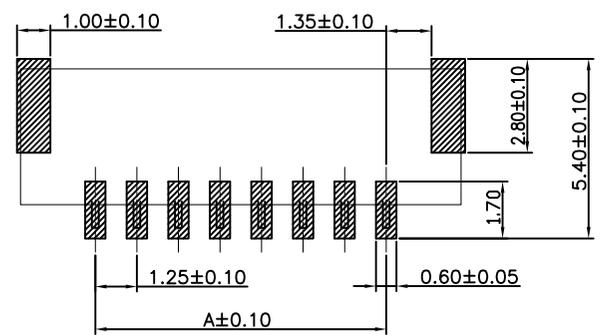


ORDER INFORMATION:



2~6P无此左、右结构 2~11P无此左、右结构 2~7P无此左、右结构

| 孔位 | 尺寸 | DIM A | DIM B | DIM C | DIM E |
|-----|----|-------|-------|-------|-------|
| 2P | | 1.25 | 5.75 | 3.75 | 0.75 |
| 3P | | 2.50 | 7.00 | 5.00 | 1.60 |
| 4P | | 3.75 | 8.25 | 6.25 | 2.65 |
| 5P | | 5.00 | 9.50 | 7.50 | 2.50 |
| 6P | | 6.25 | 10.75 | 8.75 | 4.65 |
| 7P | | 7.50 | 12.00 | 10.00 | 4.65 |
| 8P | | 8.75 | 13.25 | 11.25 | 4.65 |
| 9P | | 10.00 | 14.50 | 12.50 | 4.65 |
| 10P | | 11.25 | 15.75 | 13.75 | 6.60 |
| 11P | | 12.50 | 17.00 | 15.00 | 6.60 |
| 12P | | 13.75 | 18.25 | 16.25 | 6.60 |
| 13P | | 15.00 | 19.50 | 17.50 | 6.60 |
| 14P | | 16.25 | 20.75 | 18.75 | 6.60 |
| 15P | | 17.50 | 22.00 | 20.00 | 6.60 |



SUGGESTED PCB LAYOUT

JKUN 温州健坤接插件有限公司
WENZHOU JKUN CONNECTOR CO.,LTD.

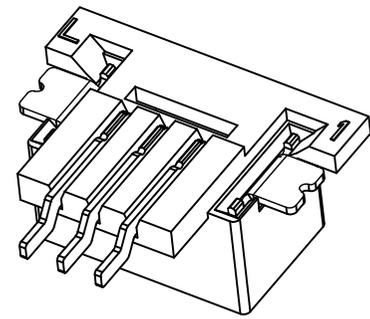
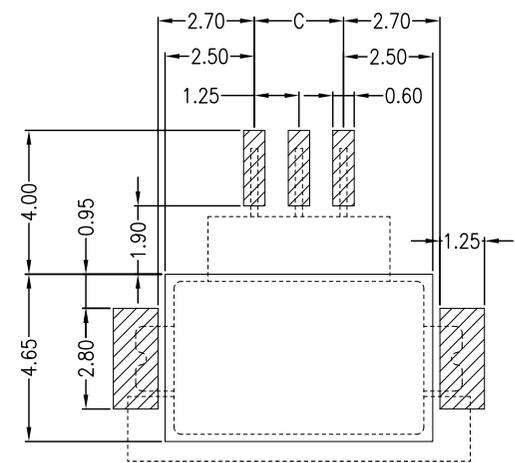
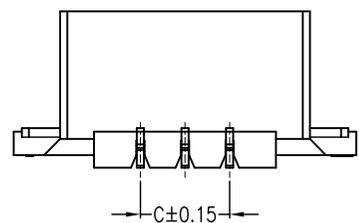
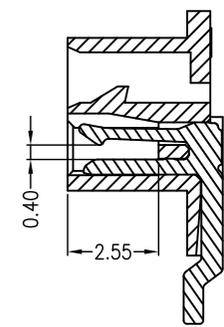
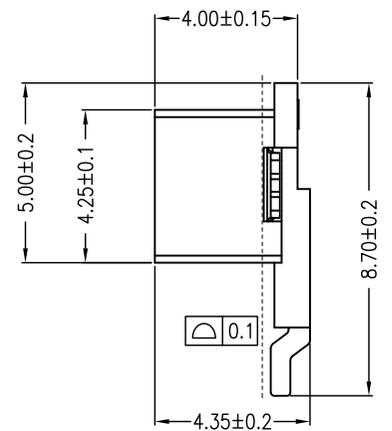
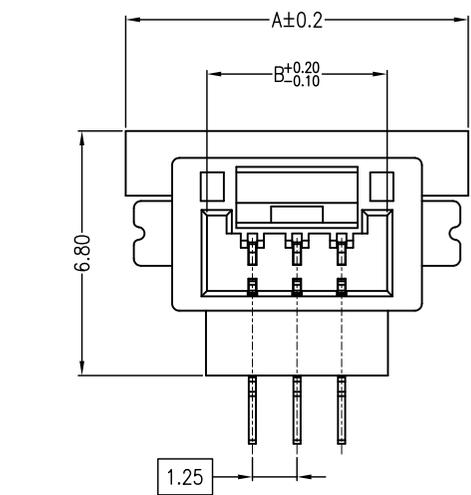
TITLE:
1.25mm PITCH 90° WAFER SMT TYPE

| GENERAL TOLERANCE | | USE: |
|-------------------|----------|--------------------|
| X. ±0.50 | X. ±5' | CUSTOMER |
| X.X ±0.30 | X.X ±2' | APPD: Shaojinghe |
| X.XX ±0.20 | X.XX ±1' | CHKD: Zenglingqing |
| UNITS: mm | | DR: Jiangjiayin |

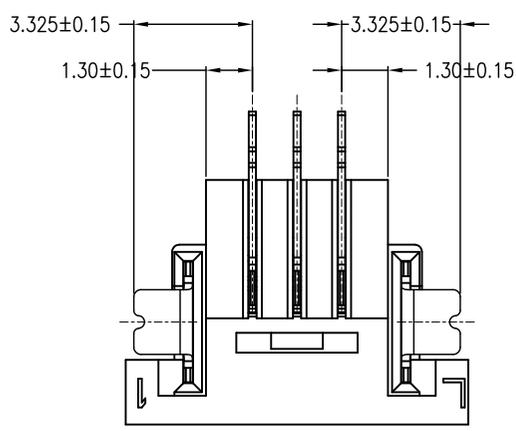
| | |
|---------------------|-------|
| PART NO.: | |
| A1253AWR-**-F1CB1-R | |
| DWG NO.: | |
| JKUN/GCKH-0513 | |
| SCALE | SHEET |
| 1 : 1 | 1 / 1 |

| REV | DESCRIPTION | DESIGN | DATE |
|-----|-------------|----------|------------|
| A | NEW RELEASE | Lingqing | 2020/06/06 |

Specifications:
 Poles:02~15
 Contact resistance:≤20mΩ
 Insulation resistance:≥100MΩ
 Rated voltage:50V AC DC
 Rated current:1.0A AC DC
 Withstand Voltage: 500V AC/minute
 Temperature Range:-25°C~ +85°C
 Housing:LCP UL94V-0,Natural(Beige)
 Contacts: Phosphor Bronze Sn-plated
 Solder Tabs: Phosphor Bronze Sn-plated



| Circuits | Dimensions (mm) | | |
|----------|-----------------|-------|-------|
| | A | B | C |
| 02 | 8.35 | 3.80 | 1.25 |
| 03 | 9.60 | 5.05 | 2.50 |
| 04 | 10.85 | 6.30 | 3.75 |
| 05 | 12.10 | 7.55 | 5.00 |
| 06 | 13.35 | 8.80 | 6.25 |
| 07 | 14.60 | 10.05 | 7.50 |
| 08 | 15.85 | 11.30 | 8.75 |
| 09 | 17.10 | 12.55 | 10.00 |
| 10 | 18.35 | 13.80 | 11.25 |
| 11 | 19.60 | 15.05 | 12.50 |
| 12 | 20.85 | 16.30 | 13.75 |
| 13 | 22.10 | 17.55 | 15.00 |
| 14 | 23.35 | 18.80 | 16.25 |
| 15 | 24.60 | 20.05 | 17.50 |



SUGGESTED PCB LAYOUT

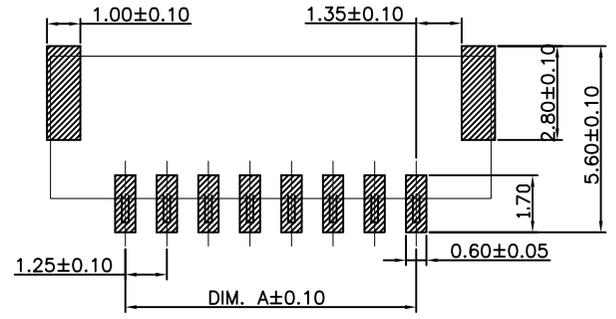
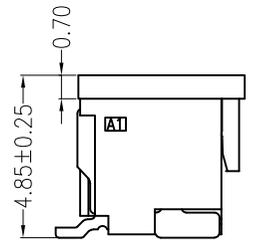
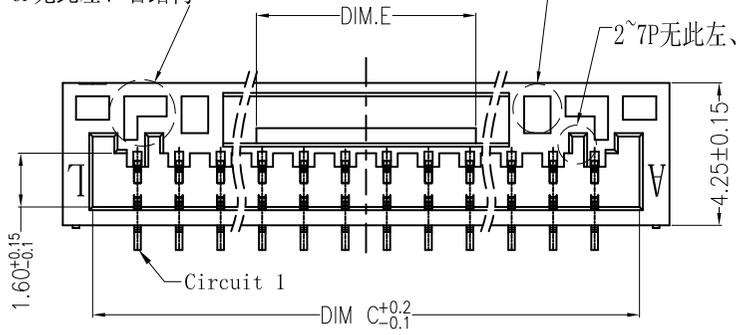
ORDER INFORMATION:

A1253FW-**-F3MA1-R
 PART No. _____
 No.OF CIRCUITS: 02~15
 PLASTIC MATERIAL: F3M=LCP(BEIGE)
 PACKAGING: R=REEL
 Metal code: 1=Phosphor Bronze
 PLATING: A=Sn-plated

| | | | |
|--|----------|--|-------|
| JKUN 温州健坤接插件有限公司 WENZHOU JKUN CONNECTOR CO.,LTD. | | TITLE: 1.25mm pitch 180° WAFER-SMT TYPE | |
| GENERAL TOLERANCE | | PART NO.: | |
| X. ±0.50 | X. ±5° | A1253FW-**-F3MA1-R | |
| X.X ±0.30 | X.X ±2° | DWG NO.: | |
| X.XX ±0.20 | X.XX ±1° | JKUN-GCKH-0874 | |
| UNITS: mm | | SCALE | SHEET |
| | | 1 : 1 | 1 / 1 |

| REV | DESCRIPTION | DESIGN | DATE |
|-----|--------------------------|--------------|------------|
| A0 | NEW RELEASE | Wudanping | 2015/10/18 |
| A1 | Improve the scraping gum | Jiangjianyin | 2018/12/30 |
| B | Change the cover | Zenglingqing | 2020/03/26 |

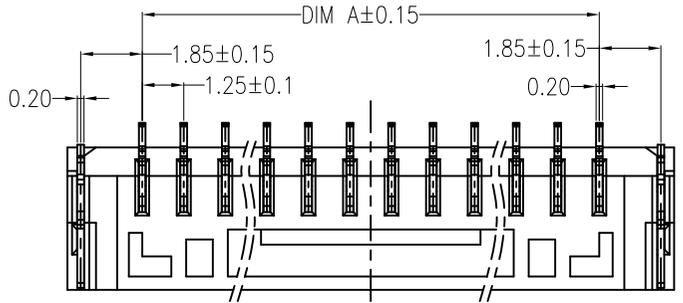
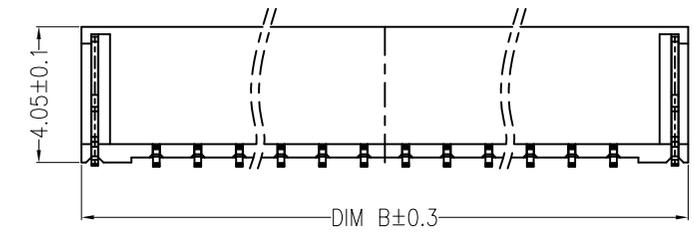
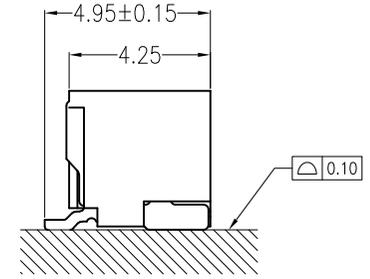
2~6P无此左、右结构
2~11P无此左、右结构
2~7P无此左、右结构



SUGGESTED PCB LAYOUT

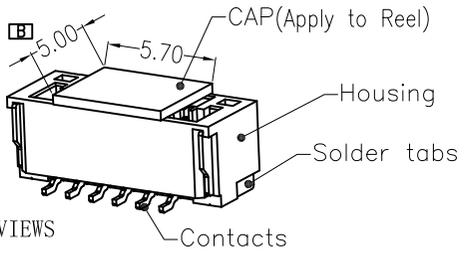
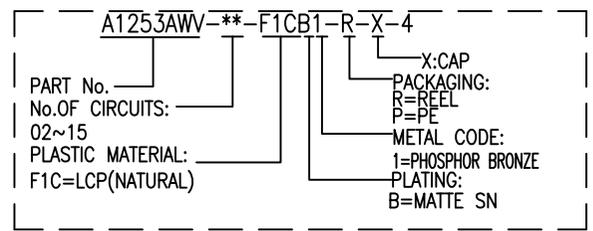
Specifications:

- Contact resistance: ≤20mΩ
- Insulation resistance: ≥100MΩ
- Rated voltage: 50V AC DC
- Rated current: 1.0A AC DC
- Withstand voltage: 500V AC/minute
- Temperature range: -40°C ~ +110°C
- Housing: LCP UL94V-0, Natural
- CAP: LCP UL94V-0, Natural
- Contacts: Phosphor bronze/Matte Sn
- Solder tabs: Phosphor bronze/Matte Sn



| 尺寸 | DIM A | DIM B | DIM C | DIM E |
|-----|-------|-------|-------|-------|
| 2P | 1.25 | 5.75 | 3.75 | 0.75 |
| 3P | 2.50 | 7.00 | 5.00 | 1.60 |
| 4P | 3.75 | 8.25 | 6.25 | 2.65 |
| 5P | 5.00 | 9.50 | 7.50 | 2.50 |
| 6P | 6.25 | 10.75 | 8.75 | 4.65 |
| 7P | 7.50 | 12.00 | 10.00 | 4.65 |
| 8P | 8.75 | 13.25 | 11.25 | 4.65 |
| 9P | 10.00 | 14.50 | 12.50 | 4.65 |
| 10P | 11.25 | 15.75 | 13.75 | 6.60 |
| 11P | 12.50 | 17.00 | 15.00 | 6.60 |
| 12P | 13.75 | 18.25 | 16.25 | 6.60 |
| 13P | 15.00 | 19.50 | 17.50 | 6.60 |
| 14P | 16.25 | 20.75 | 18.75 | 6.60 |
| 15P | 17.50 | 22.00 | 20.00 | 6.60 |

ORDER INFORMATION:



3D VIEWS

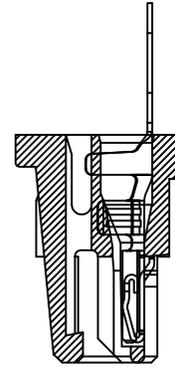
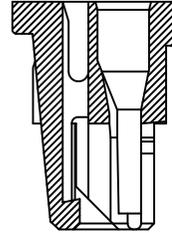
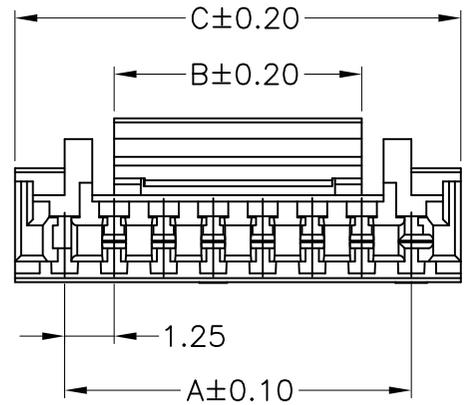
JKUN 温州健坤接插件有限公司
WENZHOU JKUN CONNECTOR CO.,LTD.

TITLE:
1.25mm PITCH 180° WAFER SMT TYPE

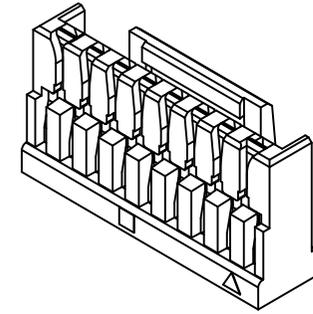
| GENERAL TOLERANCE | | USE: |
|-------------------|----------|--------------------|
| X. ±0.50 | X. ±5° | CUSTOMER |
| X.X ±0.30 | X.X ±2° | APPD: Shaojinghe |
| X.XX ±0.20 | X.XX ±1° | CHKD: Zenglingqing |
| UNITS: mm | | DR: Jiangjianyin |

| | |
|-------------------------|-------|
| PART NO.: | |
| A1253AWV-**-F1CB1-R-X-4 | |
| DWG NO.: | |
| JKUN/GCKH-0514 | |
| SCALE | SHEET |
| 1 : 1 | 1 / 1 |

| | | | | |
|-----|---------|-------------|--------|------------|
| REV | ECN No. | DESCRIPTION | DESIGN | DATE |
| A | - | NEW RELEASE | 吴丹平 | 2017.10.12 |



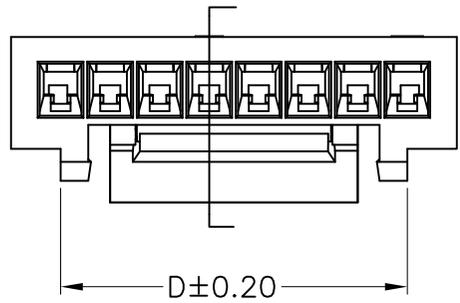
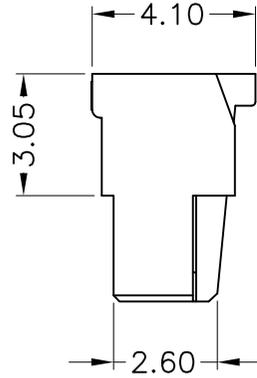
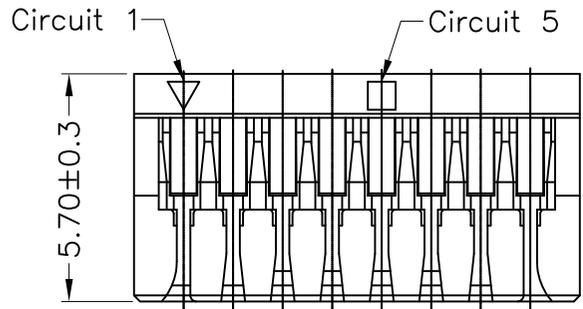
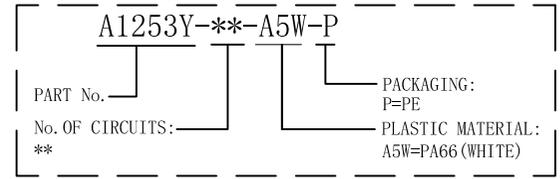
插线状态



主要技术参数 Main Specifications

线 数 (Poles): 02 to 16
 接触电阻 (Contact resistance): $\leq 20m\Omega$
 绝缘电阻 (Insulation resistance): $\geq 100M\Omega$
 额定电压 (Rated voltage): 125 V AC DC
 额定电流 (Rated current): 1.0A AC DC
 耐 电压 (Withstand Voltage): 500V AC/minute
 温度范围 (Temperature Range): $-25^{\circ}C \sim +85^{\circ}C$

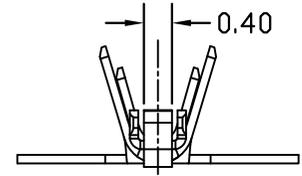
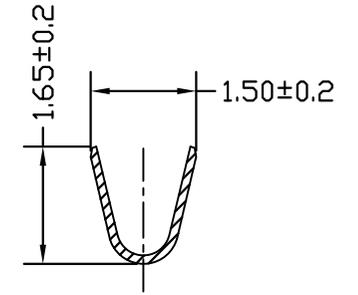
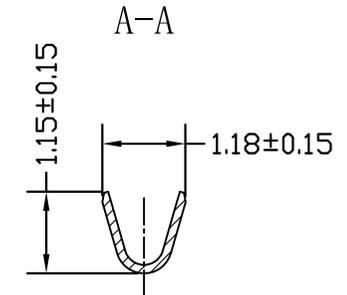
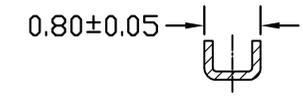
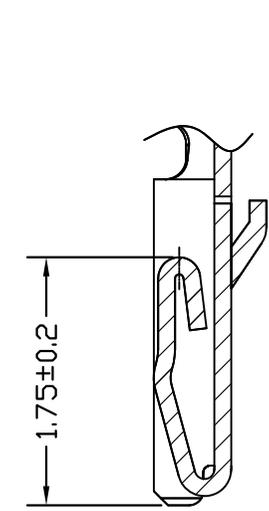
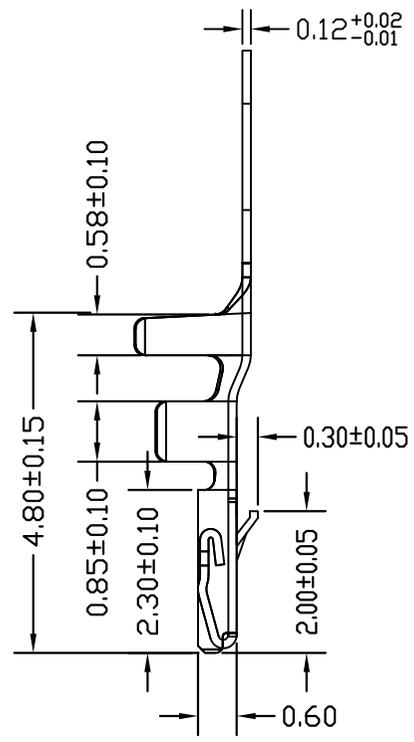
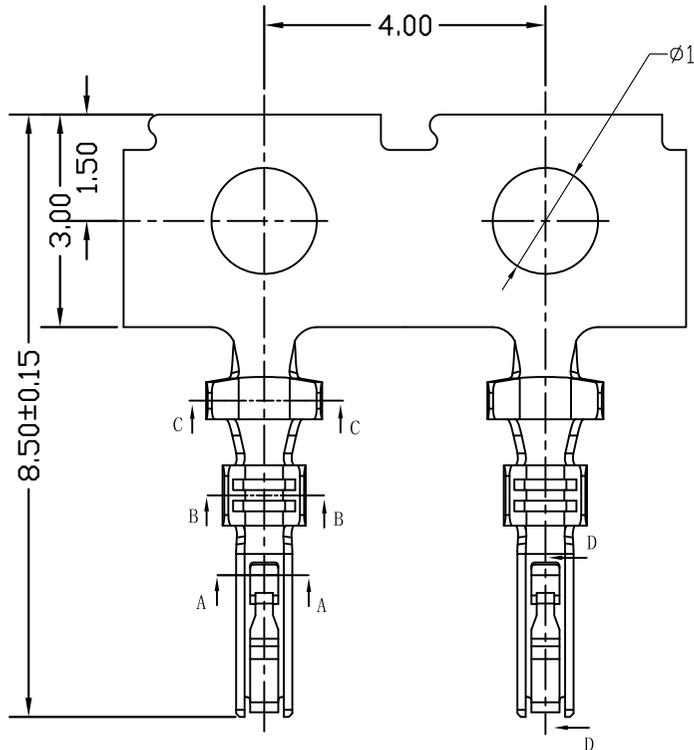
ORDER INFORMATION:



| Circuits | Dimensions (mm) | | | |
|----------|-----------------|--------|--------|--------|
| | DIM. A | DIM. B | DIM. C | DIM. D |
| 02 | 1.25 | 2.20 | 3.75 | |
| 03 | 2.50 | 2.90 | 5.00 | |
| 04 | 3.75 | 4.20 | 6.25 | |
| 05 | 5.00 | 4.20 | 7.50 | |
| 06 | 6.25 | 6.25 | 8.75 | |
| 07 | 7.50 | 6.25 | 10.00 | 8.70 |
| 08 | 8.75 | 6.25 | 11.25 | 8.70 |
| 09 | 10.00 | 6.25 | 12.50 | 8.70 |
| 10 | 11.25 | 8.20 | 13.75 | 10.70 |
| 11 | 12.50 | 8.20 | 15.00 | 10.70 |
| 12 | 13.75 | 8.20 | 16.25 | 10.70 |
| 13 | 15.00 | 8.20 | 17.50 | 10.70 |
| 14 | 16.25 | 8.20 | 18.75 | 10.70 |
| 15 | 17.50 | 8.20 | 20.00 | 10.70 |

| | | | | |
|---|-----------|--------|----------|--------------------------------------|
| C | | | | |
| B | | | | |
| A | HOUSING | | 2~16 PCS | PA66 COLOR:WHITE |
| ITEM | COMPONENT | Q'TY | MATERIAL | FINISH |
| JKUN 温州健坤接插件有限公司 WENZHOU JKUN CONNECTOR CO.,LTD. | | | | TITLE: A1253Y 1.25mmPITCH Housing |
| .X±0.35 | X.± | USE: | CUSTOMER | PART NO.: |
| .XX±0.25 | .X± | APPD: | 邵敬和 | A1253Y-**-A5W-P |
| .XXX±0.15 | .XX± | CHKD: | 田峰 | DWG NO.: |
| -- | -- | DR: | 吴丹平 | JKUN/GCCP-0515 |
| ⊕ | ◁ | UNITS: | mm | SCALE |
| | | | | 1 : 1 |
| | | | | SHEET |
| | | | | 1 / 1 |

| REV | ECN No. | DESCRIPTION | DESIGN | DATE |
|-----|---------|-------------|--------|------------|
| A0 | | Release | 吴丹平 | 2016.06.28 |



| ITEM | COMPONENT | Q'TY | MATERIAL | FINISH |
|------|-----------|-------|-----------------|-----------|
| C | | | | |
| B | | | | |
| A | CONTACT | 1 PCS | Phosphor bronze | Sn-plated |

JKUN 温州健坤接插件有限公司
WENZHOU JKUN CONNECTOR CO.,LTD.

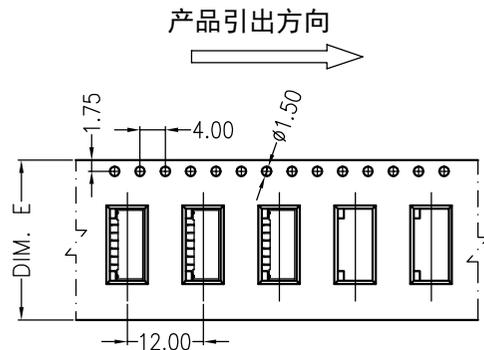
TITLE: -
-

| | | | | |
|----------|--------------|------------------|----------------|-------|
| X.±0.5 | X.±5' | USE: CUSTOMER | PART NO.: | |
| .X±0.3 | .X±2' | | A1253T-02端子 | |
| .XX±0.25 | .XX±1' | APPD: 邵敬和 | DWG NO.: | |
| -- | -- | CHKD: 田峰 | JKUN-GCDZ-0065 | |
| | UNITS: mm | DR: 蒋建银 | SCALE | SHEET |
| | | | 1 : 1 | 1 / 1 |

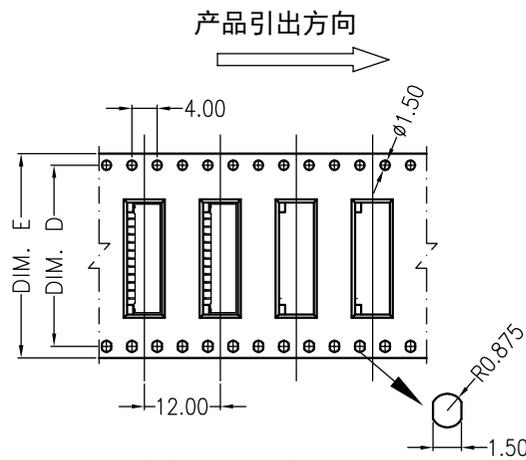
Ordering Information & Specification:

| Part No | Wire Range | Insulation O.D. | Material | Finish |
|-------------|-------------|-----------------|-----------------|------------|
| A1253T-02端子 | AWG #26~#30 | 1.00mm(max) | Phosphor bronze | Tin-plated |

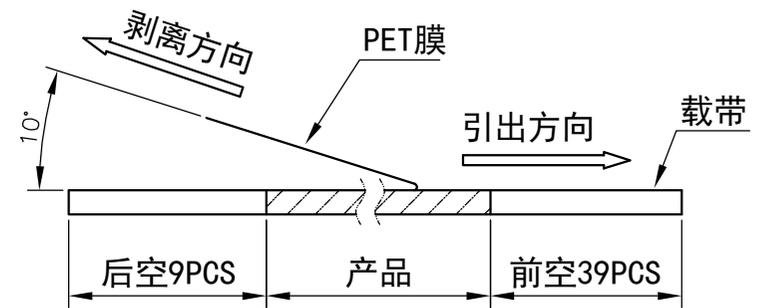
| REV | ECN No. | DESCRIPTION | DESIGN | DATE |
|-----|---------|-------------|--------|------------|
| A | | Release | 蒋建银 | 2018.08.15 |



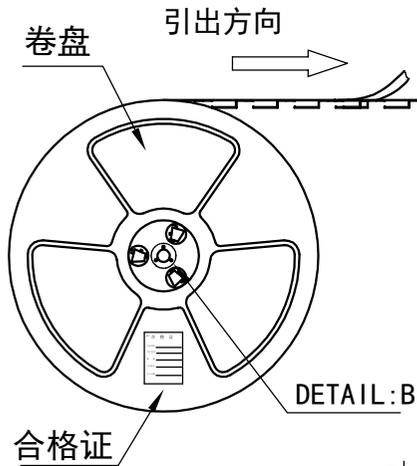
02~10 CONTACTS



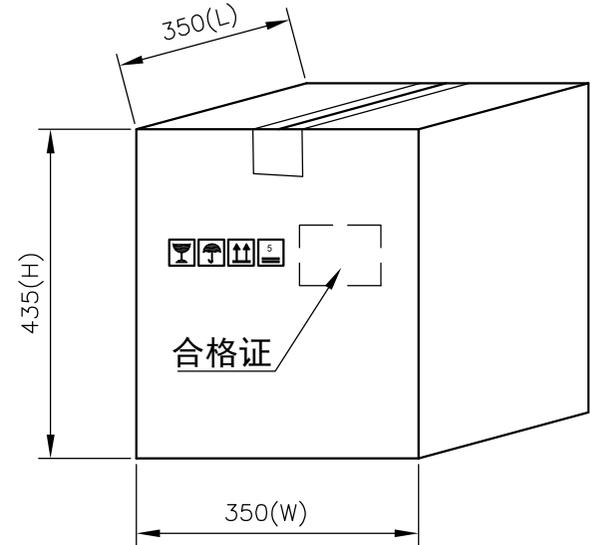
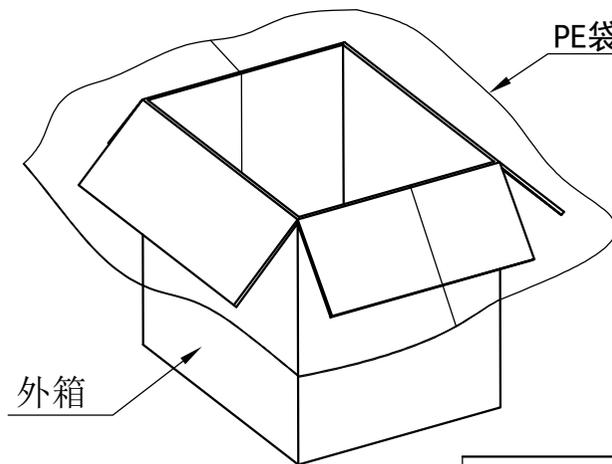
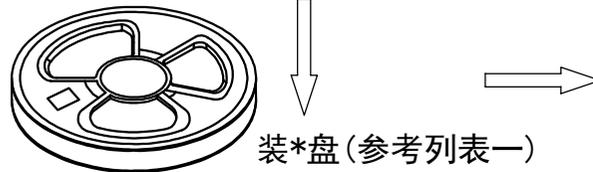
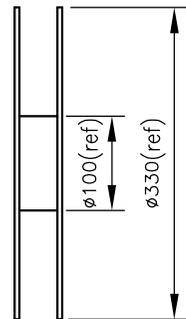
11~15 CONTACTS



(PET膜剥离示意图)



DETAIL: B



列表一

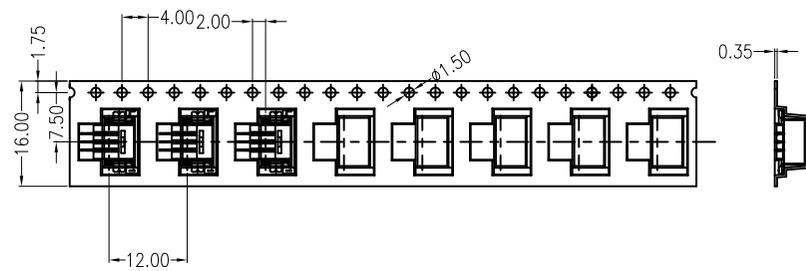
| Circuits | DIM. D | DIM. E | Q'ty/Reel | Packing (Reel/Caton) |
|----------|--------|--------|-----------|----------------------|
| 02-04PIN | - | 16 | 1000PCS | 20/Reel |
| 05-10PIN | - | 24 | 1000PCS | 15/Reel |
| 11-14PIN | 28.4 | 32 | 1000PCS | 11/Reel |
| 15PIN | 40.4 | 44 | 1000PCS | 8/Reel |

包装说明:

- 把成品包入卷盘中, 每盘装1000PCS, 卷盘上贴上合格证, 将装好产品的卷盘放进外箱中, 外箱内先套一个大PE袋, 外箱上贴贴上合格证。
- 所有材料有害物控制需符合RoHS标准。

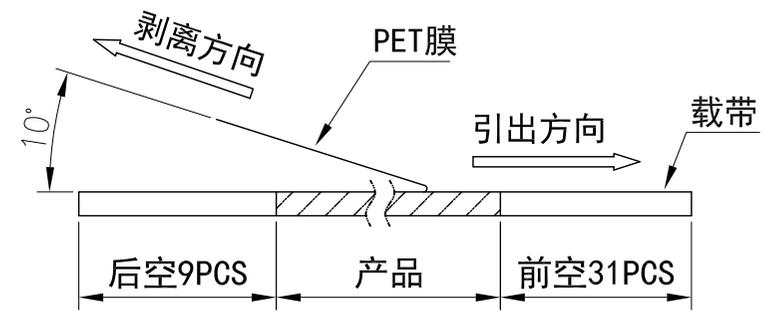
| JKUN 温州健坤接插件有限公司 WENZHOU JKUN CONNECTOR CO., LTD. | | | TITLE: A1253AWR 包装规范 | |
|--|---------|---------------------|-------------------------|--|
| X.± 0.5 | X.±* | USE: MANUFACTURE | PART NO.: | |
| .X± 0.3 | .X±* | | A1253AWR-nP 卷装 | |
| .XX± 0.25 | .XX±* | APPD: 邵敬和 | DWG NO.: | |
| -- | -- | CHKD: 田峰 | JKUN/GCBZ-0513 | |
| UNITS: mm | DR: 蒋建银 | SCALE | SHEET | |
| | | 1 : 1 | 1 / 1 | |

| REV | ECN No. | DESCRIPTION | DESIGN | DATE |
|-----|---------|-------------|--------|------------|
| A | | Release | 蒋建银 | 2018.08.22 |

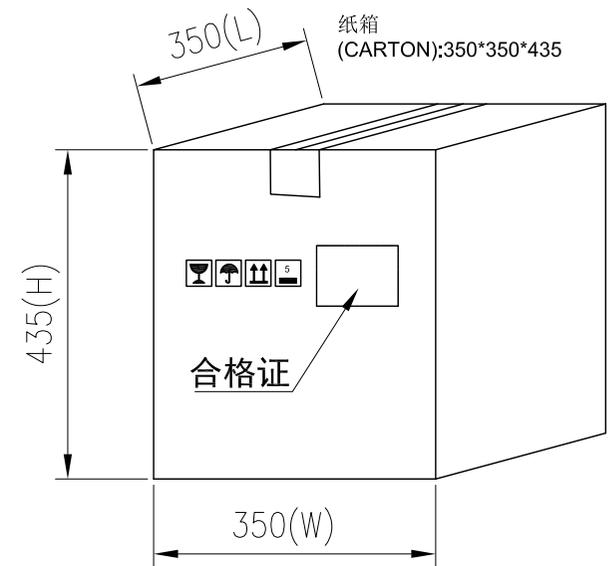
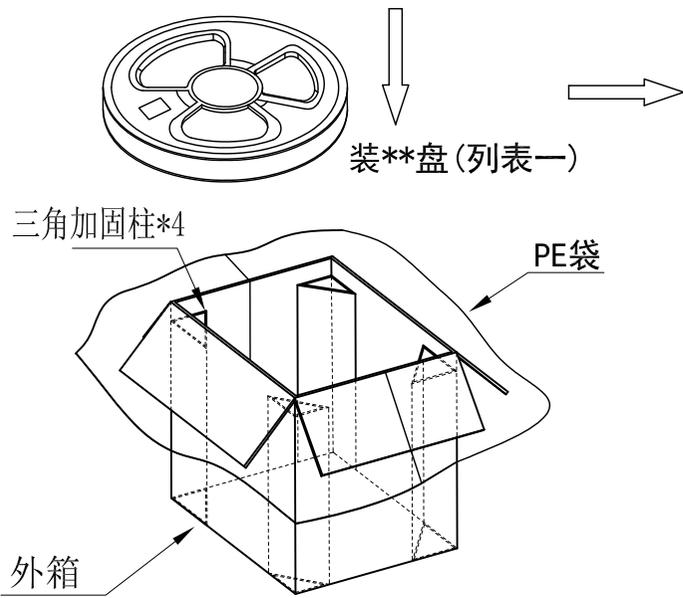
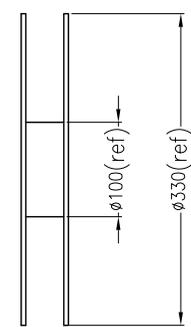
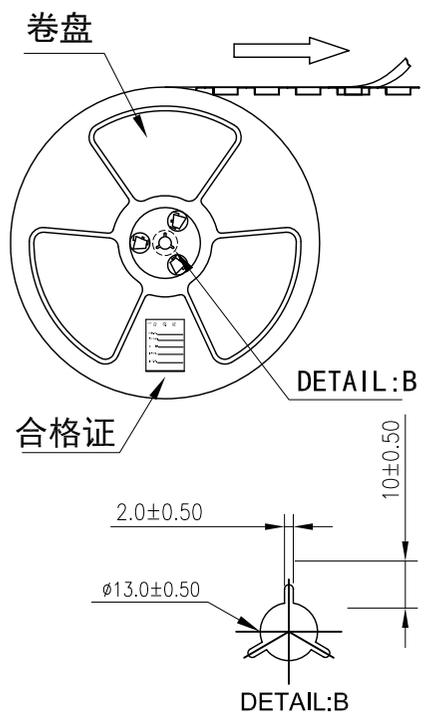


02~03 CONTACTS

产品引出方向



(PET膜剥离示意图)



列表一

| Circuits | DIM. D | DIM. E | Q'ty/Reel | Packing (Reel/Caton) |
|----------|--------|--------|-----------|----------------------|
| 02~03PIN | 7.5 | 16 | 1000PCS | 20/Reel |

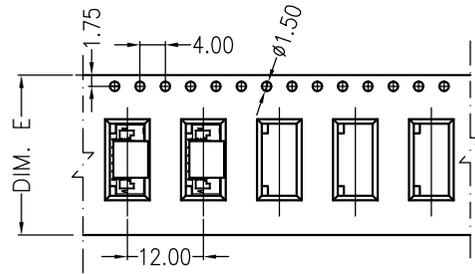
包装说明:

- 把成品包入卷盘中, 每盘装1000PCS, 卷盘上贴上合格证, 将装好产品的卷盘放进外箱中, 外箱内先套一个大PE袋, 外箱上贴贴上合格证.
- 所有材料有害物控制需符合RoHS标准.

| | | | | |
|--|-------|-----------|----------------|-------|
| JKUN 温州健坤接插件有限公司 WENZHOU JKUN CONNECTOR CO., LTD. | | | TITLE: | |
| X.± 0.5 | X.±' | USE: | PART NO.: | |
| .X± 0.3 | .X±' | CUSTOMER | A1253FWW 卷装 | |
| .XX±0.25 | .XX±' | APPD: 邵敬和 | DWG NO.: | |
| -- | -- | CHKD: 田峰 | JKUN-GCBZ-0874 | |
| UNITS: mm | | DR: 蒋建银 | SCALE | SHEET |
| | | | 1 : 1 | 1 / 1 |

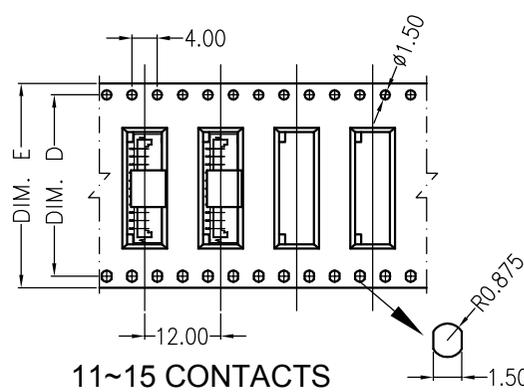
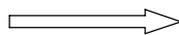
| REV | ECN No. | DESCRIPTION | DESIGN | DATE |
|-----|---------|-------------|--------|------------|
| A | | Release | 蒋建银 | 2018.08.15 |

产品引出方向

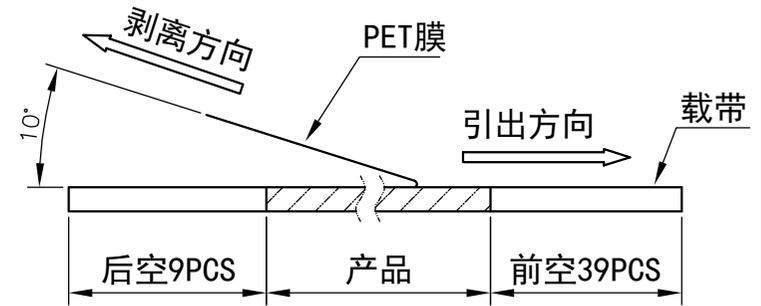


02~10 CONTACTS

产品引出方向



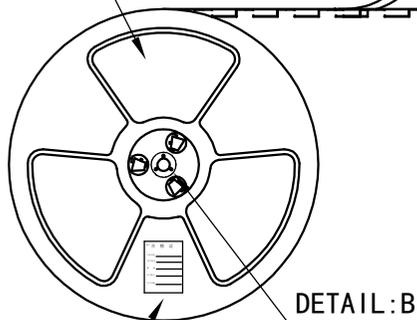
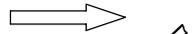
11~15 CONTACTS



(PET膜剥离示意图)

引出方向

卷盘



合格证

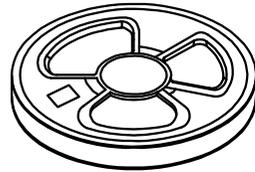
DETAIL: B

2.0±0.50

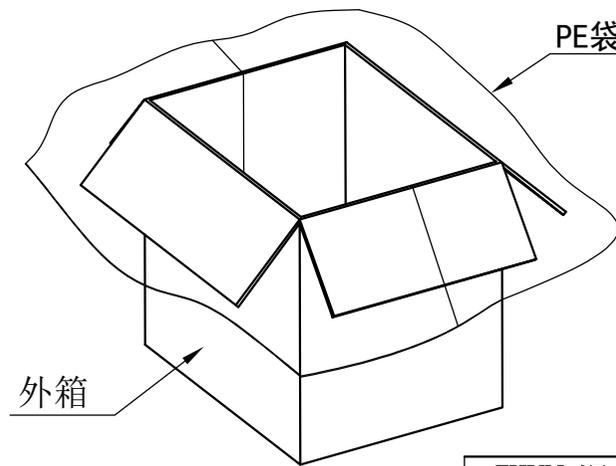
10±0.50

φ13.0±0.50

DETAIL: B

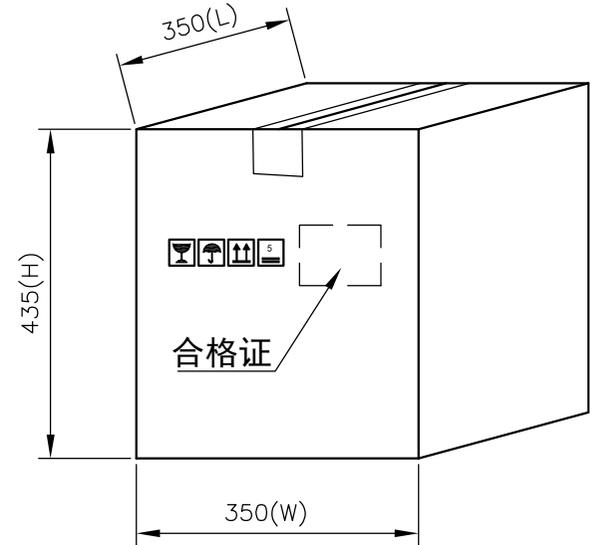


装*盘(参考列表一)



外箱

PE袋



列表一

| Circuits | DIM. D | DIM. E | Q'ty/Reel | Packing (Reel/Caton) |
|----------|--------|--------|-----------|----------------------|
| 02-04PIN | - | 16 | 1000PCS | 20/Reel |
| 05-10PIN | - | 24 | 1000PCS | 15/Reel |
| 11-14PIN | 28.4 | 32 | 1000PCS | 11/Reel |
| 15PIN | 40.4 | 44 | 1000PCS | 8/Reel |

包装说明:

- 把成品包入卷盘中, 每盘装1000PCS, 卷盘上贴上合格证, 将装好产品的卷盘放进外箱中, 外箱内先套一个大PE袋, 外箱上贴贴上合格证。
- 所有材料有害物控制需符合RoHS标准。

JKUN 温州健坤接插件有限公司
WENZHOU JKUN CONNECTOR CO., LTD.

TITLE:
A1253AWV 包装规范

| | | |
|-----------|-------|---------------------|
| X.± 0.5 | X.±* | USE: MANUFACTURE |
| .X± 0.3 | .X±* | |
| .XX± 0.25 | .XX±* | APPD: 邵敬和 |
| -- | -- | CHKD: 田峰 |
| ⊕ | ◁ | DR: 蒋建银 |

| | |
|----------------|-------|
| PART NO.: | |
| A1253AWV-nP 卷装 | |
| DWG NO.: | |
| JKUN/GCBZ-0514 | |
| SCALE | SHEET |
| 1 : 1 | 1 / 1 |

UNITS:
mm