

[illegible]

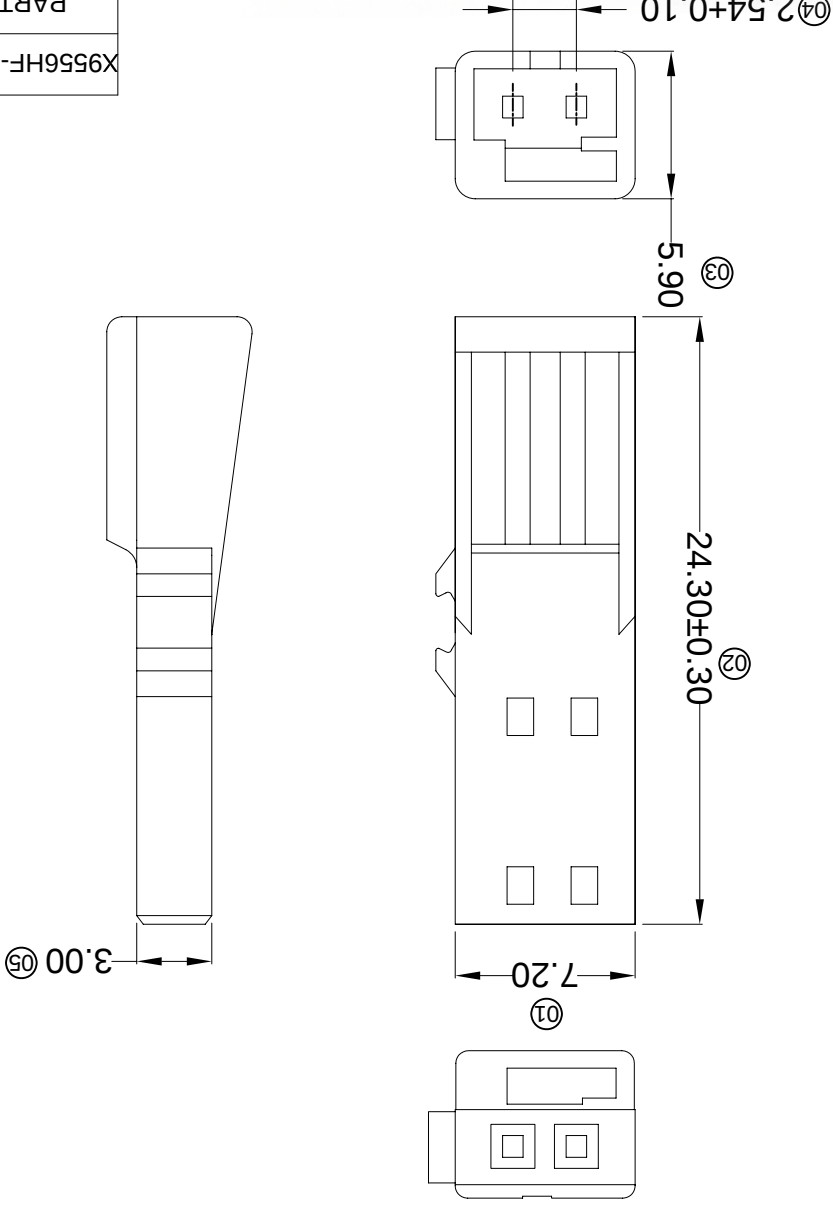
|                |               |                       |                       |
|----------------|---------------|-----------------------|-----------------------|
| PART NO        | Material      | Suitable XKB Terminal | Suitable XKB Terminal |
| X9556HF-02L-N0 | PA66 UL 94V-0 | X9556TM               | X9556HM-L             |

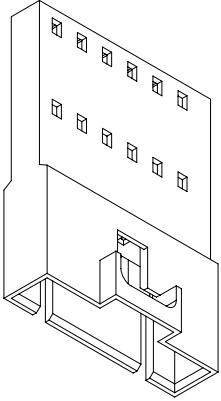
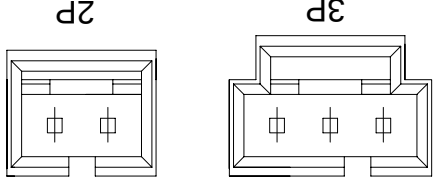
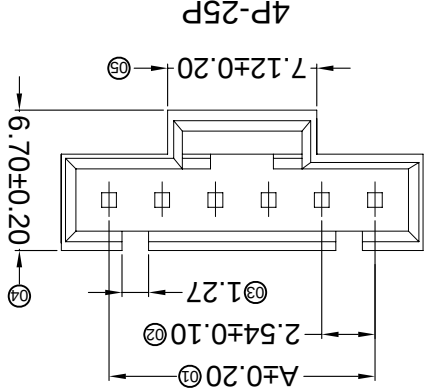
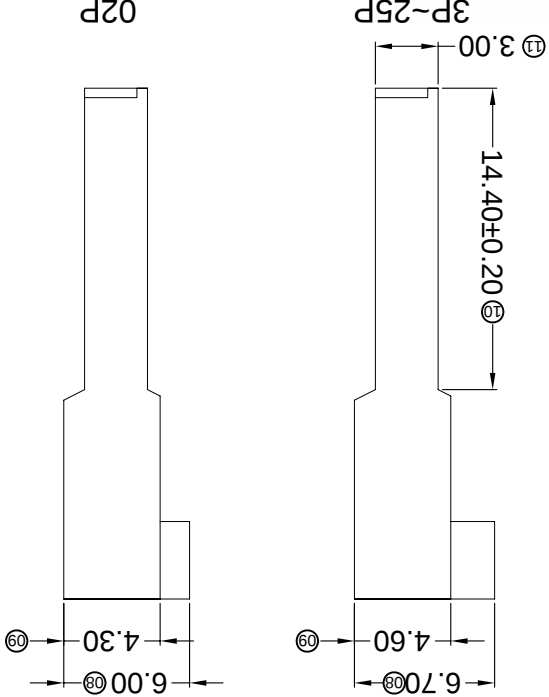
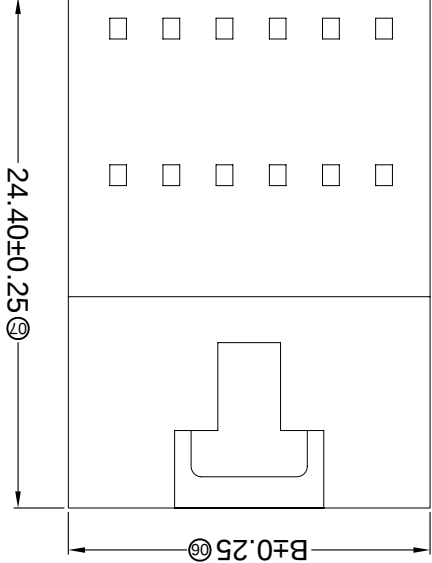
| Poles | Dimensions (mm) |       |       |
|-------|-----------------|-------|-------|
|       | A               | B     | C     |
| 2     | 2.54            | 5.08  | --    |
| 3     | 5.08            | 7.62  | 2.54  |
| 4     | 7.62            | 10.16 | 5.08  |
| 5     | 10.16           | 12.70 | 7.62  |
| 6     | 12.70           | 15.24 | 10.16 |
| 7     | 15.24           | 17.78 | 12.70 |
| 8     | 17.78           | 20.32 | 15.24 |
| 9     | 20.32           | 22.86 | 17.78 |
| 10    | 22.86           | 25.40 | 20.32 |
| 11    | 25.40           | 27.94 | 22.86 |
| 12    | 27.94           | 30.48 | 25.40 |
| 13    | 30.48           | 33.02 | 27.94 |
| 14    | 33.02           | 35.56 | 30.48 |
| 15    | 35.56           | 38.10 | 33.02 |
| 16    | 38.10           | 40.64 | 35.56 |
| 17    | 40.64           | 43.18 | 38.10 |
| 18    | 43.18           | 45.72 | 40.64 |
| 19    | 45.72           | 48.26 | 43.18 |
| 20    | 48.26           | 50.80 | 45.72 |

X9556 H F-02 L-N0 XX

|                                 |    |    |    |    |    |    |
|---------------------------------|----|----|----|----|----|----|
| 01                              | 02 | 03 | 04 | 05 | 06 | 07 |
| Series No.                      |    |    |    |    |    |    |
| Category:                       |    |    |    |    |    |    |
| H-HSG                           |    |    |    |    |    |    |
| Welding Board Angle:            |    |    |    |    |    |    |
| F-Female HGS                    |    |    |    |    |    |    |
| Row No.-Pin No.:                |    |    |    |    |    |    |
| XX-Single row                   |    |    |    |    |    |    |
| Special No.                     |    |    |    |    |    |    |
| L-Empty pick up the left button |    |    |    |    |    |    |
| Material:                       |    |    |    |    |    |    |
| N0-P-A66 94V-0                  |    |    |    |    |    |    |
| Color:                          |    |    |    |    |    |    |
| Black-Natural Color             |    |    |    |    |    |    |

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance:  $\geq 100M\Omega$
- Contact resistance:  $\leq 20m\Omega$
- After environmental testing :  $\leq 30m\Omega$



[illegible][illegible]

- Specifications :**
- Voltage rating: 250V AC / DC
  - Current rating: 3A AC / DC
  - Withstanding voltage: 1500V AC/minute
  - Temperature range: -25°C~+85°C
  - Insulation resistance:≥1000MΩ
  - Contact resistance: ≤20mΩ
  - After environmental testing: ≤30mΩ
- X9556 H F-XX X-PT XX      ① ② ③ ④ ⑤ ⑥ ⑦
- Series No.
- ① Category: H-HSG
  - ② Welding Board Angle: F-Female HGS
  - ③ Row No.-Pin No.: XX-Single row
  - ④ Special No.
  - ⑤ Material: PT-PBT 94V-0
  - ⑥ Color: Blank-Natural Color

For and on behalf of  
KKB INDUSTRIAL PRECISION CO., LIMITED  
香港星坤工業精密有限公司

Authorized Signature(s)

| MARK | DESCRIPTION | DATE | REVISED | APPROVED | UNSPECIFIED TOLERANCES |
|------|-------------|------|---------|----------|------------------------|
| △ X  |             |      |         |          | L > 63<br>± 0.5        |
| △ X  |             |      |         |          | 16 < L ≤ 63<br>± 0.4   |
| △ X  |             |      |         |          | 4 < L ≤ 16<br>± 0.3    |
|      |             |      |         |          | L ≤ 4<br>± 0.2         |
|      |             |      |         |          | ANGULAR<br>± 5°        |

|      |      |                                                                                         |                                            |
|------|------|-----------------------------------------------------------------------------------------|--------------------------------------------|
| DSND | DATE | SCALE: N/A                                                                              | MODEL TYPE:<br>X9556H-XXA-N0               |
| DWN  | DATE | VIEW:  | PART NO.:<br>2.54mm Crimp Style Connectors |
| CHKD | DATE | UNIT: mm                                                                                | DWG NO.:                                   |
| APPD | DATE | SIZE: A4                                                                                |                                            |

|                                       |                |              |                |
|---------------------------------------|----------------|--------------|----------------|
| XKB INDUSTRIAL PRECISION CO., LIMITED | WEIGHT<br>1.0g | SHEET<br>1/1 | REVISION<br>A0 |
|---------------------------------------|----------------|--------------|----------------|

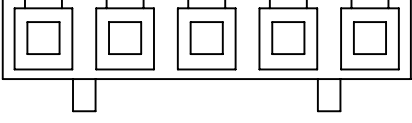
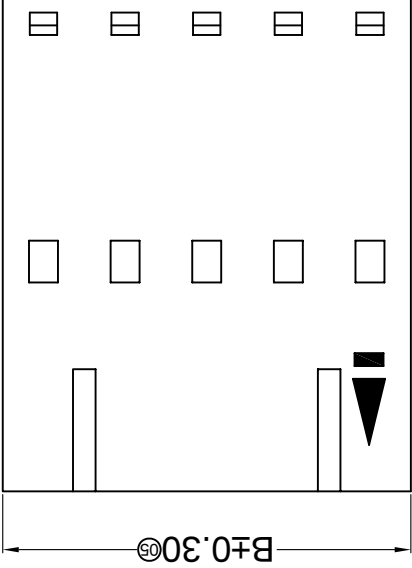
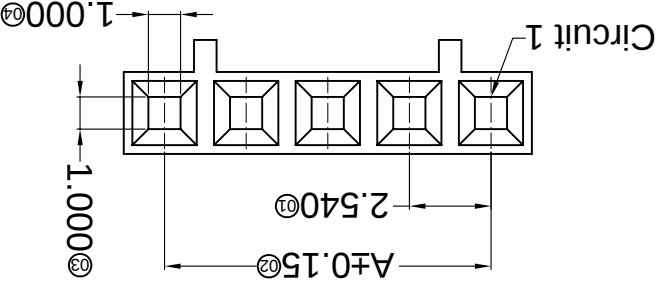
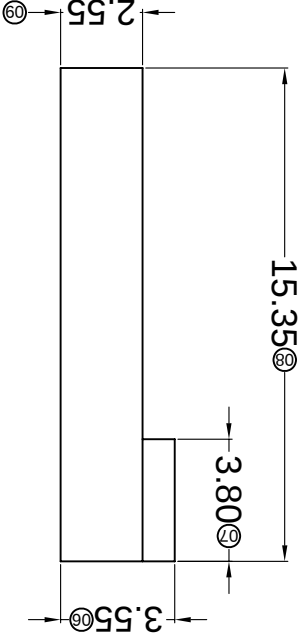
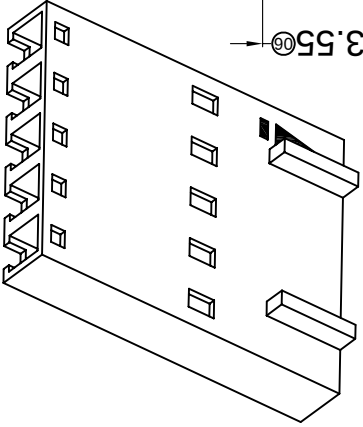
|               |               |                       |                       |
|---------------|---------------|-----------------------|-----------------------|
| PART NO       | Material      | Suitable XKB Terminal | Suitable XKB Terminal |
| X9556H-XXA-N0 | PA66 UL 94V-0 | X9556T                | X9556W                |

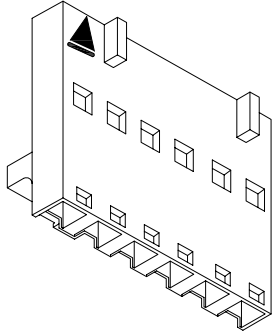
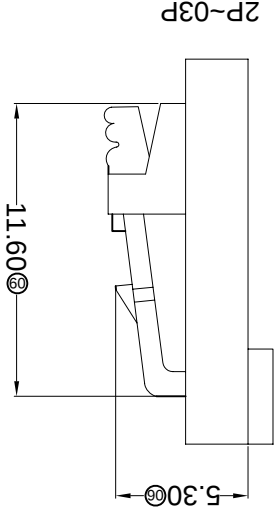
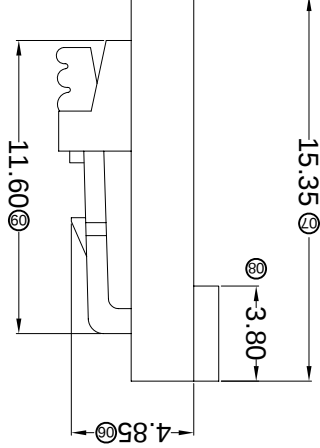
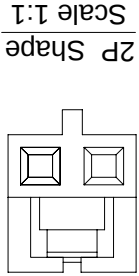
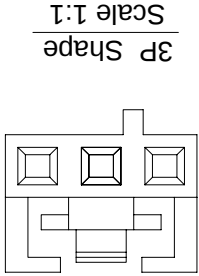
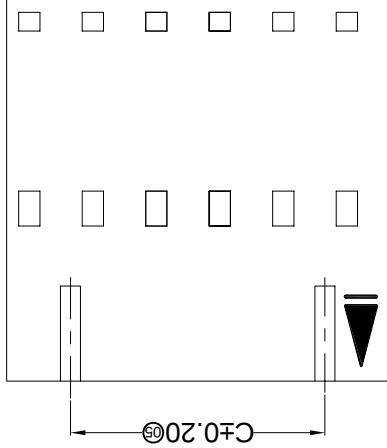
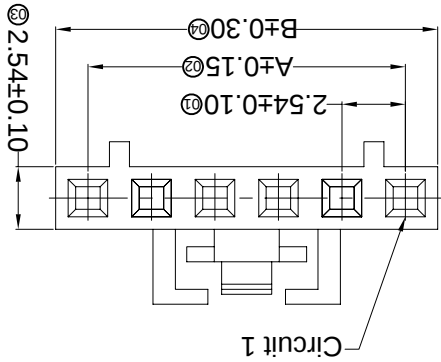
| Poles | Dimensions (mm) |       |
|-------|-----------------|-------|
|       | A               | B     |
| 02    | 2.54            | 5.08  |
| 03    | 5.08            | 7.62  |
| 04    | 7.62            | 10.16 |
| 05    | 10.16           | 12.70 |
| 06    | 12.70           | 15.24 |
| 07    | 15.24           | 17.78 |
| 08    | 17.78           | 20.32 |
| Poles | Dimensions (mm) |       |
|       | A               | B     |
| 02    | 20.32           | 22.86 |
| 03    | 22.86           | 25.40 |
| 04    | 25.40           | 27.94 |
| 05    | 27.94           | 30.48 |
| 06    | 30.48           | 33.02 |
| 07    | 33.02           | 35.56 |
| 08    | 35.56           | 38.10 |

- ① Series No.  
② Category: H-HSG  
③ Appearance type: Blank-Ordinary  
④ Row No.-Pin No.: XX-02P~15P  
⑤ Plug the Pin & special No.:  
A-There are convex point  
⑥ Material: NO-PA66 UL 94V-0  
⑦ Color: Blank-Natural Color

X9556 H X-XX A-N0 XX  
① ② ③ ④ ⑤ ⑥ ⑦

- Specifications :
- Voltage rating: 250V AC / DC
  - Current rating: 3A AC / DC
  - Withstanding voltage: 1500V AC/minute
  - Temperature range: -25°C~+85°C
  - Insulation resistance: ≥1000MΩ
  - Contact resistance: ≤20mΩ
  - After environmental testing: ≤30mΩ





### X9556 H X-XX B-N0 XX

①① ①② ①③ ①④ ①⑤ ①⑥ ①⑦

①① Series No.

①② Category: H-HSG

①③ Welding Board Angle: Blank-ordinary

①④ Row No.-Pin No.:XX-Single row

①⑤ Special No.

①⑥ B-There are convex point and the buckle

①⑦ Material: N0-PA66 94V-0

①⑧ Color:

Blank-Natural Color

HF-Halogen free

### Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ

| Poles | Dimensions(mm) |       |       | Poles | Dimensions(mm) |       |       |
|-------|----------------|-------|-------|-------|----------------|-------|-------|
|       | A              | B     | C     |       | A              | B     | C     |
| 02    | 2.54           | 5.08  | --    | 12    | 27.94          | 30.48 | 25.40 |
| 03    | 5.08           | 7.62  | --    | 13    | 30.48          | 33.02 | 27.94 |
| 04    | 7.62           | 10.16 | 5.08  | 14    | 33.02          | 35.56 | 30.48 |
| 05    | 10.16          | 12.70 | 7.62  | 15    | 35.56          | 38.10 | 33.02 |
| 06    | 12.70          | 15.24 | 10.16 | 16    | 38.10          | 40.64 | 35.56 |
| 07    | 15.24          | 17.78 | 12.70 | 17    | 40.64          | 43.18 | 38.10 |
| 08    | 17.78          | 20.32 | 15.24 | 18    | 43.18          | 45.72 | 40.64 |
| 09    | 20.32          | 22.86 | 17.78 | 19    | 45.72          | 48.26 | 43.18 |
| 10    | 22.86          | 25.40 | 20.32 | 20    | 48.26          | 50.80 | 45.72 |
| 11    | 25.40          | 27.94 | 22.86 |       |                |       |       |

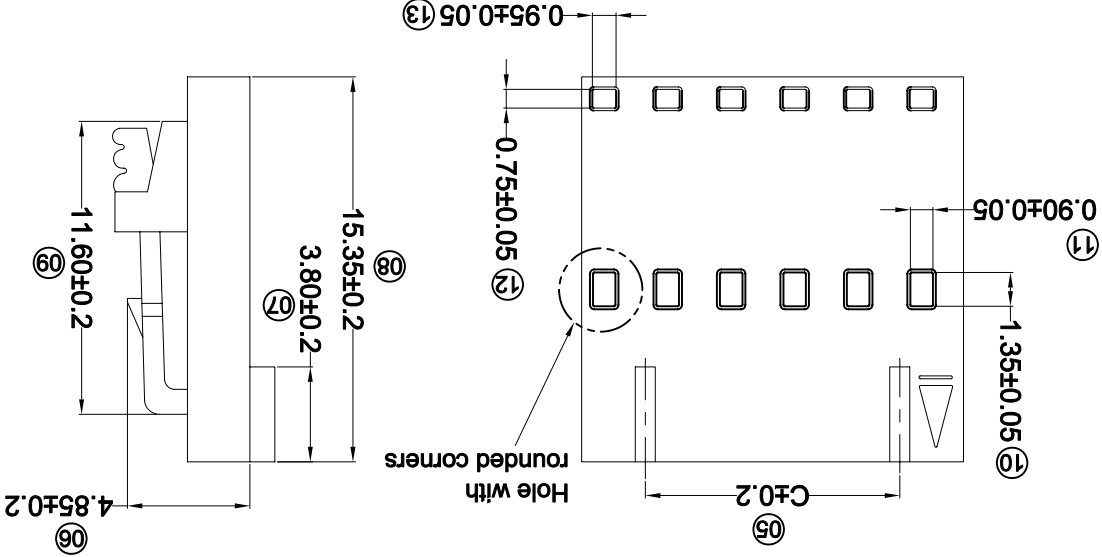
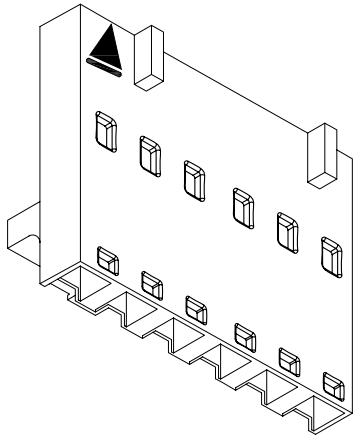
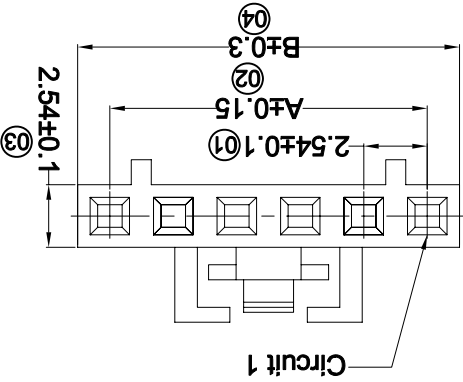
| PART NO         | Material          | Suitable XkB Terminal | PART NO       | Material          | Suitable XkB Terminal |
|-----------------|-------------------|-----------------------|---------------|-------------------|-----------------------|
|                 |                   |                       |               |                   |                       |
| X9556H-XXB-N0HF | Nylon 66 UL 94V-0 | X9556T                | X9556H-XXB-N0 | Nylon 66 UL 94V-0 | Suitable XkB Terminal |
| X9556H-XXB-N0XX | Halogen Free      |                       | X9556W        |                   |                       |

For and on behalf of  
KKB INDUSTRIAL PRECISION CO., LIMITED  
香港星坤工業精密有限公司

Authorized Signature(s)

| MARK | DESCRIPTION | DATE | REVISED | APPROVED | UNSPECIFIED TOLERANCES |       |
|------|-------------|------|---------|----------|------------------------|-------|
|      |             |      |         |          | L > 63                 | ± 0.5 |
| △ X  |             |      |         |          | 16 < L ≤ 63            | ± 0.4 |
| △ X  |             |      |         |          | 4 < L ≤ 16             | ± 0.3 |
| △ X  |             |      |         |          | L ≤ 4                  | ± 0.2 |
|      |             |      |         |          | ANGULAR                | ± 5°  |

|                                       |      |             |                                          |
|---------------------------------------|------|-------------|------------------------------------------|
| DSND                                  | DATE | SCALE: N/A  | MODEL TYPE: X9556H-XXB-N0XX              |
| DWN                                   | DATE | VIEW:       | PART NO.: 2.54 mm Crimp Style Connectors |
| CHKD                                  | DATE | UNIT: mm    | DWG NO.:                                 |
| APPD                                  | DATE | SIZE: A4    |                                          |
| KKB INDUSTRIAL PRECISION CO., LIMITED |      |             |                                          |
|                                       |      | WEIGHT 1.0g | REVISION A0                              |
|                                       |      | SHEET 1/1   |                                          |



## Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ

X9556 H X-XX C-N0 XX

① Series No.

② Category:

③ Welding Board Angle:

④ Row No.-Pin No.:

⑤ Blank-ordinary

⑥ XX-Single row

⑦ special No.

⑧ C-Hole with rounded corners

⑨ Material:

⑩ NO-PA66 94V-0

⑪ Color:

⑫ Blank-Natural Color

⑬ HF-Halogen free

| ① Series No. |   | ⑫ Category:   |   | ⑬ H-HSG         |   | ⑭ Welding Board Angle: |   | ⑮ Blank-ordinary |   | ⑯ Row No.-Pin No.: |   | ⑰ XX-Single row |   | ⑱ special No.         |   | ⑲ C-Hole with rounded corners |   | ⑳ Material: |   | ㉑ NO-PAGE 94V-0       |   | ㉒ Color: |   | Blank-Natural Color |   | HF-Halogen free |   |       |  |       |  |       |  |       |  |      |  |      |  |      |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| ①            | ② | ③             | ④ | ⑤               | ⑥ | ⑦                      | ⑧ | ⑨                | ⑩ | ⑪                  | ⑫ | ⑬               | ⑭ | ⑮                     | ⑯ | ⑰                             | ⑱ | ⑲           | ⑳ | ㉑                     | ㉒ | ㉓        | ㉔ | ㉕                   | ㉖ | ㉗               | ㉘ |       |  |       |  |       |  |       |  |      |  |      |  |      |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PART NO      |   | X9556H-XXC-N0 |   | X9556H-XXC-N0HF |   | Nylon 66 UL 94V-0      |   | Halogen Free     |   | Nylon 66 UL 94V-0  |   | Material        |   | Suitable XKB Terminal |   | X9556T                        |   | X9556W      |   | Suitable XKB Terminal |   | PART NO  |   | X9556H-XXC-N0       |   | X9556H-XXC-N0HF |   |       |  |       |  |       |  |       |  |      |  |      |  |      |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20           |   | 48.26         |   | 50.80           |   | 45.72                  |   | 43.18            |   | 40.64              |   | 38.10           |   | 35.56                 |   | 33.02                         |   | 30.48       |   | 27.94                 |   | 25.40    |   | 22.86               |   | 20.32           |   | 17.78 |  | 15.24 |  | 12.70 |  | 10.16 |  | 7.62 |  | 5.08 |  | 2.54 |  | — |  | C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Poles        |   | A             |   | B               |   | C                      |   | Dimensions (mm)  |   |                    |   |                 |   |                       |   |                               |   |             |   |                       |   |          |   |                     |   |                 |   |       |  |       |  |       |  |       |  |      |  |      |  |      |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

- ① Series No.
- ② Category:
- ③ Welding Board Angle:
- ④ Row No.-Pin No.:
- ⑤ Blank-ordinary
- ⑥ XX-Single row
- ⑦ special No.
- ⑧ C-Hole with rounded corners
- ⑨ Material:
- ⑩ NO-PA66 94V-0
- ⑪ Color:
- ⑫ Blank-Natural Color
- ⑬ HF-Halogen free

| MARK |  | DESCRIPTION |  | DATE |  | REVISED |  | APPROVED |  | UNSPECIFIED TOLERANCES |  |
|------|--|-------------|--|------|--|---------|--|----------|--|------------------------|--|
| △ X  |  |             |  |      |  |         |  |          |  | L > 63                 |  |
| △ X  |  |             |  |      |  |         |  |          |  | 16 < L ≤ 63            |  |
| △ X  |  |             |  |      |  |         |  |          |  | 4 < L ≤ 16             |  |
|      |  |             |  |      |  |         |  |          |  | L ≤ 4                  |  |
|      |  |             |  |      |  |         |  |          |  | ANGULAR                |  |
|      |  |             |  |      |  |         |  |          |  | ± 5°                   |  |
|      |  |             |  |      |  |         |  |          |  | ± 0.2                  |  |
|      |  |             |  |      |  |         |  |          |  | L ≤ 4                  |  |
|      |  |             |  |      |  |         |  |          |  | 4 < L ≤ 16             |  |
|      |  |             |  |      |  |         |  |          |  | 16 < L ≤ 63            |  |
|      |  |             |  |      |  |         |  |          |  | L > 63                 |  |
|      |  |             |  |      |  |         |  |          |  | ± 0.5                  |  |

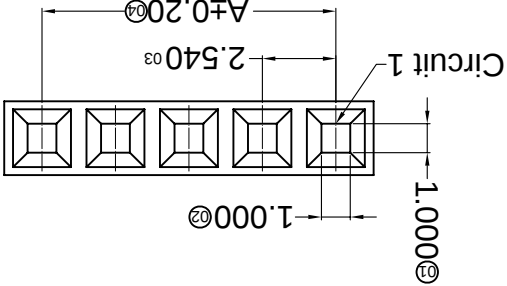
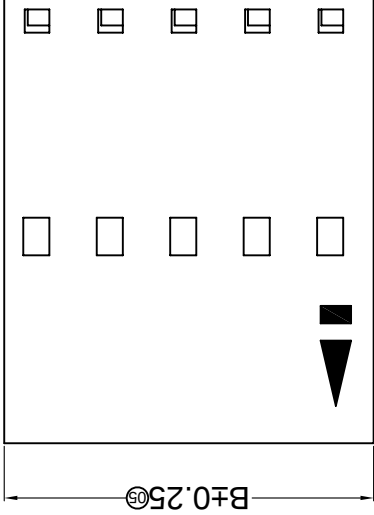
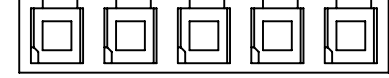
For and on behalf of  
XKB INDUSTRIAL PRECISION CO., LIMITED  
香港星坤工業精密有限公司

Authorized Signature(s)

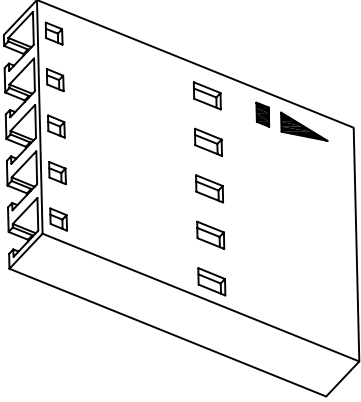
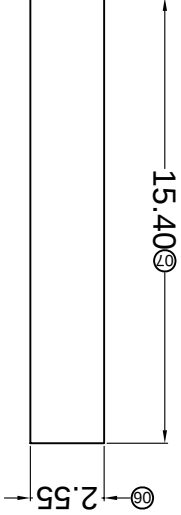
XKB INDUSTRIAL PRECISION CO., LIMITED

| WEIGHT |  | SHEET |  | REVISION |  |
|--------|--|-------|--|----------|--|
| 1.0g   |  | 1/1   |  | A0       |  |

For and on behalf of  
KKB INDUSTRIAL PRECISION CO., LIMITED  
香港星坤工業精密有限公司



| REVISIONS |             |  |  |  | UNSPECIFIED TOLERANCES |         |          |             |      |
|-----------|-------------|--|--|--|------------------------|---------|----------|-------------|------|
| MARK      | DESCRIPTION |  |  |  | DATE                   | REVISED | APPROVED | L > 63      | ±0.5 |
| △ X       |             |  |  |  |                        |         |          | 16 < L ≤ 63 | ±0.4 |
| △ X       |             |  |  |  |                        |         |          | 4 < L ≤ 16  | ±0.3 |
| △ X       |             |  |  |  |                        |         |          | L ≤ 4       | ±0.2 |
|           |             |  |  |  |                        |         |          | ANGULAR     | ±5°  |



## Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing : ≤30mΩ

X9556 H X-XX X-N0 XX  
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.
- ② Category: H-HSG
- ③ Appearance type: Blank-Ordinary
- ④ Row No.-Pin No.: XX-02P~15P
- ⑤ Plug the Pin & special No.:
- ⑥ Material: NO-PA66 UL 94V-0
- ⑦ Color: Blank-Natural Color

| Poles | Dimensions (mm) |       |
|-------|-----------------|-------|
|       | A               | B     |
| 02    | 2.54            | 5.15  |
| 03    | 5.08            | 7.69  |
| 04    | 7.62            | 10.23 |
| 05    | 10.16           | 12.77 |
| 06    | 12.70           | 15.31 |
| 07    | 15.24           | 17.85 |
| 08    | 17.78           | 20.39 |
| Poles | Dimensions (mm) |       |
|       | A               | B     |
| 09    | 20.32           | 22.93 |
| 10    | 22.86           | 25.47 |
| 11    | 25.40           | 28.01 |
| 12    | 27.94           | 30.55 |
| 13    | 30.48           | 33.09 |
| 14    | 33.02           | 35.63 |
| 15    | 35.56           | 38.17 |

|              |               |                       |                       |
|--------------|---------------|-----------------------|-----------------------|
| X9556H-XX-N0 | PA66 UL 94V-0 | Suitable XKB Terminal | Suitable XKB Terminal |
| X9556W       |               |                       |                       |

|                                       |      |            |                          |
|---------------------------------------|------|------------|--------------------------|
| DSND                                  | DATE | SCALE: N/A | MODEL TYPE: X9556H-XX-N0 |
| DWN                                   | DATE | VIEW:      | PART NO.:                |
| CHKD                                  | DATE | UNIT: mm   | DWG NO.:                 |
| APPD                                  | DATE | SIZE: A4   |                          |
| KKB INDUSTRIAL PRECISION CO., LIMITED |      |            |                          |
|                                       |      | WEIGHT     | 1.0g                     |
|                                       |      | SHEET      | 1/1                      |
|                                       |      | REVISION   | A0                       |

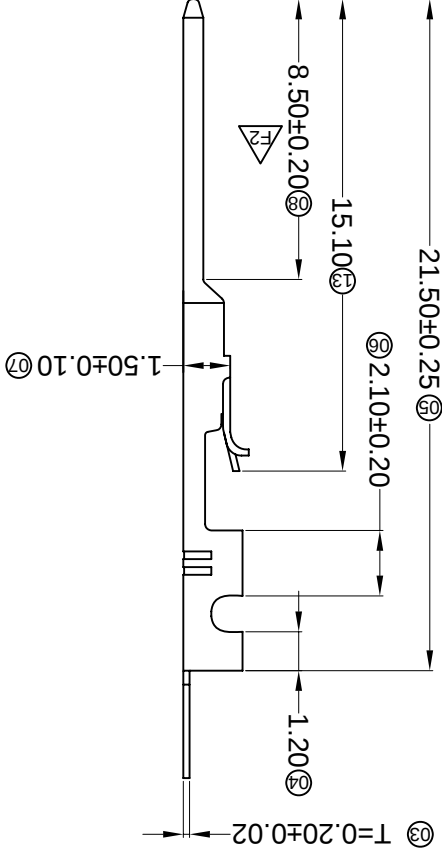
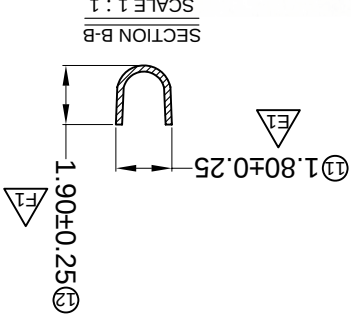
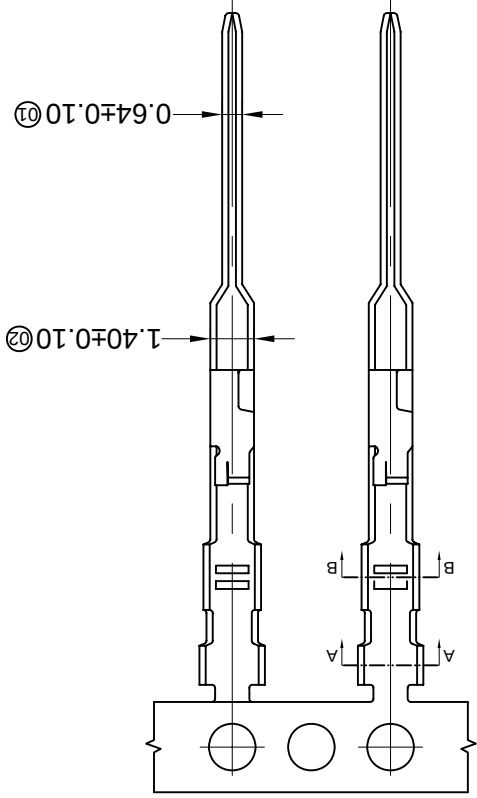
For and on behalf of  
KKB INDUSTRIAL PRECISION CO., LIMITED  
香港星坤工業精密有限公司

REVISIONS  
*Authorized Signature(s)*

| MARK | DESCRIPTION | DATE | REVISED | APPROVED | UNSPECIFIED TOLERANCES |
|------|-------------|------|---------|----------|------------------------|
| △ X  |             |      |         |          | L > 63<br>± 0.5        |
| △ X  |             |      |         |          | 16 < L ≤ 63<br>± 0.4   |
| △ X  |             |      |         |          | 4 < L ≤ 16<br>± 0.3    |
|      |             |      |         |          | L ≤ 4<br>± 0.2         |
|      |             |      |         |          | ANGULAR<br>± 5°        |

|                                       |        |                                                                                         |                                          |
|---------------------------------------|--------|-----------------------------------------------------------------------------------------|------------------------------------------|
| DSND                                  | DATE   | SCALE: N/A                                                                              | MODEL TYPE: X9556TM-PXXX                 |
| DWN                                   | DATE   | VIEW:  | PART NO.: 2.54 mm Crimp Style Connectors |
| CHKD                                  | DATE   | UNIT: mm                                                                                | DWG NO.:                                 |
| APPD                                  | DATE   | SIZE: A4                                                                                |                                          |
| KKB INDUSTRIAL PRECISION CO., LIMITED |        |                                                                                         |                                          |
|                                       | WEIGHT | 1.0g                                                                                    | REVISION                                 |
|                                       | SHEET  | 1/1                                                                                     | A0                                       |

| PART NO       | Material        | Wire Range | Insulation O.D | Finish                                 | Suitable XKB |
|---------------|-----------------|------------|----------------|----------------------------------------|--------------|
| X9556TM-P-G01 | Phosphor Bronze | AWG#22-26  | 1.63mm(Max)    | Stamping Before Plating:30u" Ni;70u"Sn | X9556HF      |
| X9556TM-P-SN  |                 |            |                | Stamping Before Plating:30u" Ni;70u"Sn |              |



X9556 T M-P XX X-X

① Series Number

② Category: T-terminal

③ Shape: M-male

④ Material: P-Phosphor bronze

⑤ Plating style:

G01-Gold Plated Contact

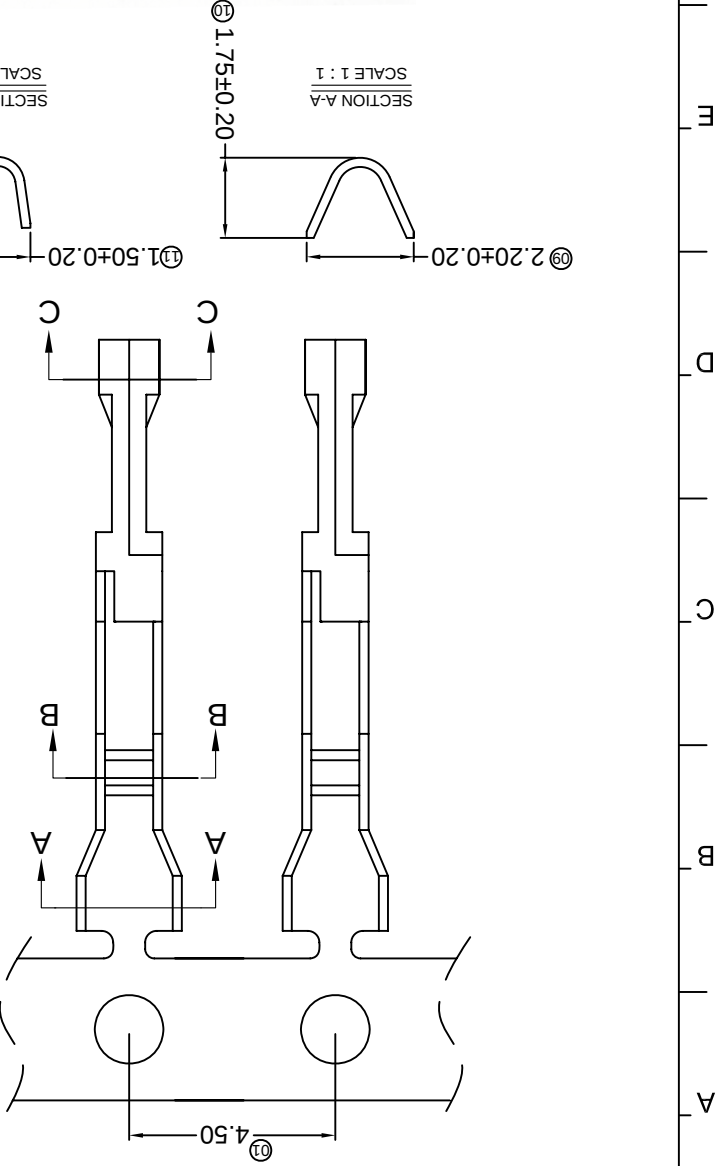
⑥ Plating method:

Blank-Stamping before plating

⑦ Mold No./Mark/Special No.

Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing : ≤30mΩ



| REVISIONS |             |      |         | UNSPECIFIED TOLERANCES |        |             |       |
|-----------|-------------|------|---------|------------------------|--------|-------------|-------|
| MARK      | DESCRIPTION | DATE | REVISED | APPROVED               | L > 63 | 16 < L ≤ 63 | L ≤ 4 |
| △ X       |             |      |         |                        | ± 0.5  | ± 0.4       | ± 0.3 |
| △ X       |             |      |         |                        |        | ± 0.3       | ± 0.2 |
| △ X       |             |      |         |                        |        | ± 0.2       | ± 5°  |

For and on behalf of  
KKB INDUSTRIAL PRECISION CO., LIMITED  
香港星坤工業精密有限公司

| DSND | DATE | SCALE: N/A                                                                              | MODEL TYPE: | X9556T-XX |
|------|------|-----------------------------------------------------------------------------------------|-------------|-----------|
| DWN  | DATE | VIEW:  | PART NO.:   |           |
| CHKD | DATE | UNIT: mm                                                                                | DWG NO.:    |           |
| APPD | DATE | SIZE: A4                                                                                |             |           |

KKB INDUSTRIAL PRECISION CO., LIMITED

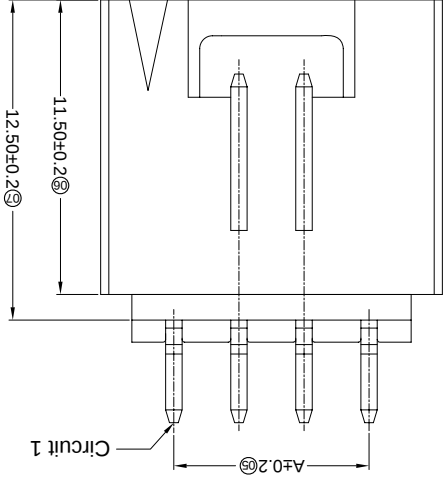
| WEIGHT   | 1.0g |
|----------|------|
| SHEET    | 1/1  |
| REVISION | A0   |

- ① Series Number  
② Category: T-terminal  
③ Shape: Blank-ordinary  
④ Material:  
⑤ Plating style: P-Phosphor bronze ; B-brass  
⑥ G\*-Gold-Plated Contact  
⑦ \*01-Gold Flash ;  
⑧ \*15-15u"  
⑨ SN-Bright tin plating 70-120u"  
⑩ 0-No plating material  
⑪ Plating method:  
⑫ Blank-Stamping before plating  
⑬ B-Plating before stamping  
⑭ Mold No./Mark/Special No.

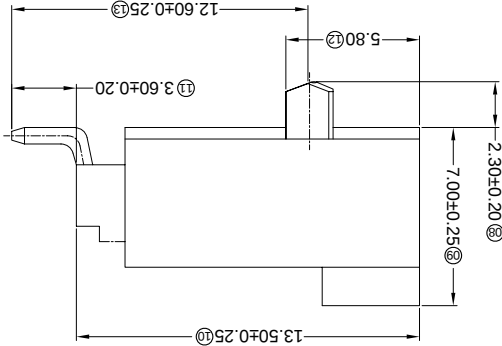
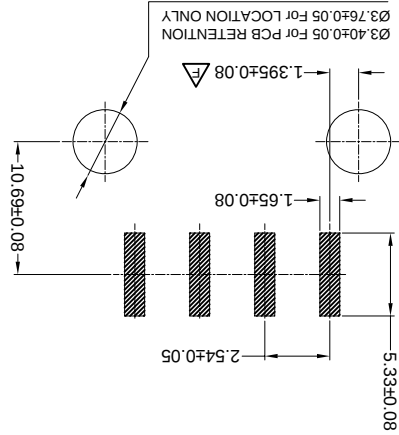
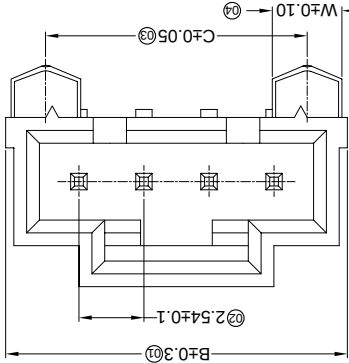
X9556 T XX - X XX X - X

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing : ≤30mΩ

Specifications :



|                     |        |
|---------------------|--------|
| 9556WRS-XX-LP-V01   | W=2.7  |
| 9556WRS-XX-A-LP-V01 | W=3.12 |



Recommend PCB Layout

For and on behalf of  
KKB INDUSTRIAL PRECISION CO., LIMITED  
香港星坤工業精密有限公司

| MARK | DESCRIPTION | DATE | REVISED | APPROVED | UNSPECIFIED TOLERANCES |       |
|------|-------------|------|---------|----------|------------------------|-------|
|      |             |      |         |          | L > 63                 | ± 0.5 |
| △ X  |             |      |         |          | 16 < L ≤ 63            | ± 0.4 |
| △ X  |             |      |         |          | 4 < L ≤ 16             | ± 0.3 |
| △ X  |             |      |         |          | L ≤ 4                  | ± 0.2 |
|      |             |      |         |          | ANGULAR                | ± 5°  |

|                                       |      |             |                                          |
|---------------------------------------|------|-------------|------------------------------------------|
| DSND                                  | DATE | SCALE: N/A  | MODEL TYPE: X9556WRS-XXX-XXXX            |
| DWN                                   | DATE | VIEW:       | PART NO.: 2.54 mm Crimp Style Connectors |
| CHKD                                  | DATE | UNIT: mm    | DWG NO.:                                 |
| APPD                                  | DATE | SIZE: A4    |                                          |
| KKB INDUSTRIAL PRECISION CO., LIMITED |      |             |                                          |
|                                       |      | WEIGHT 1.0g | REVISION A0                              |
|                                       |      | SHEET 1/1   |                                          |

| PART NO             | Material       | Material(Pin) | Finish(Pin) | Suitable XKB Terminal |
|---------------------|----------------|---------------|-------------|-----------------------|
| X9556WRS-XXX-4TSW   | Nylon 4T 94V-0 | Brass         | Gold-Flash  | X9556H                |
| X9556WRS-XXX-LPSW   |                |               |             |                       |
| X9556WRS-XXA-LP-V01 |                |               | Matte tin   |                       |
| X9556WRS-XX-LP-V01  |                |               |             |                       |

| Poles | Dimensions (mm) |       |       | Poles | Dimensions (mm) |       |       |
|-------|-----------------|-------|-------|-------|-----------------|-------|-------|
|       | A               | B     | C     |       | A               | B     | C     |
| 02    | 2.54            | 8.89  | 5.33  | 08    | 17.78           | 24.13 | 20.57 |
| 03    | 5.08            | 11.43 | 7.87  | 09    | 20.32           | 26.67 | 23.11 |
| 04    | 7.62            | 13.97 | 10.41 | 10    | 22.86           | 29.21 | 25.65 |
| 05    | 10.16           | 16.51 | 12.95 | 11    | 25.40           | 31.75 | 28.19 |
| 06    | 12.70           | 19.05 | 15.49 | 12    | 27.94           | 34.29 | 30.73 |
| 07    | 15.24           | 21.59 | 18.03 |       |                 |       |       |

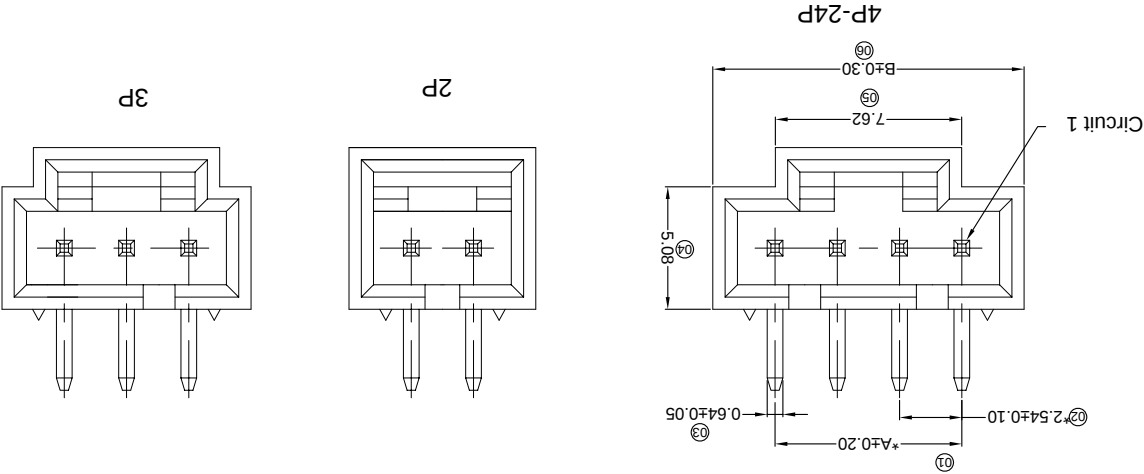
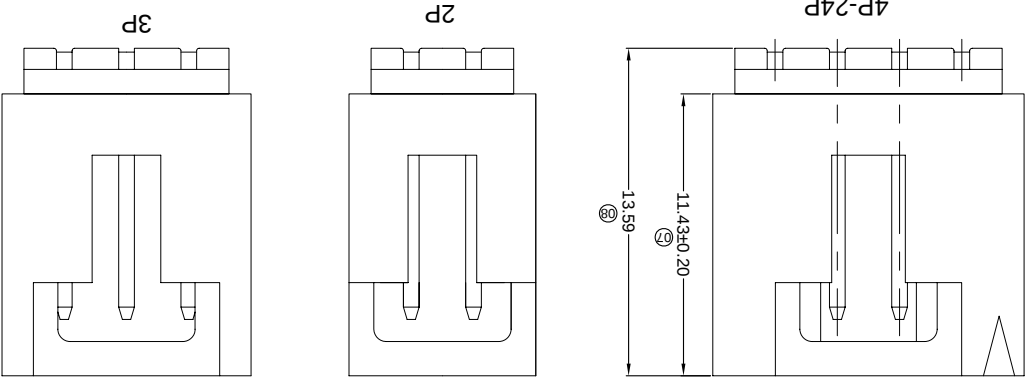
- Specifications :
- Voltage rating: 250V AC / DC
  - Current rating: 3A AC / DC
  - Withstanding voltage: 1500V AC/minute
  - Temperature range: -40°C~+105°C
  - Insulation resistance: ≥1000M<sup>Ω</sup>/E
  - Contact resistance: ≤20m<sup>Ω</sup>/E
  - After environmental testing: ≤30m<sup>Ω</sup>/E
- X9556 W R S-XX-XX LP XX XX
- ① Series No.
- ② Category: W-water
- ③ Welding Board Angle: R-90°
- ④ Welding Way: S-SMT
- ⑤ Row No.-Pin No.: XX-Single row
- ⑥ Special NO. Blank: W=2.7 A: W=3.12
- ⑦ Material: LP-LCP 94V-0 4T-Nylon 4T 94V-0
- ⑧ Plating Category:
- V\*\*:All Gold-Plated \*01-Gold Flash
- SW-Matte Tin plating
- ⑨ Color:
- Blank-Natural Color Black

| REVISIONS |             |  |  | UNSPECIFIED TOLERANCES |         |          |                       |
|-----------|-------------|--|--|------------------------|---------|----------|-----------------------|
| MARK      | DESCRIPTION |  |  | DATE                   | REVISED | APPROVED |                       |
| △ X       |             |  |  |                        |         |          | 16 < L ≤ 63<br>L > 63 |
| △ X       |             |  |  |                        |         |          | 4 < L ≤ 16<br>L ≤ 4   |
| △ X       |             |  |  |                        |         |          | ± 0.2<br>ANGULAR      |
|           |             |  |  |                        |         |          | ± 5°                  |

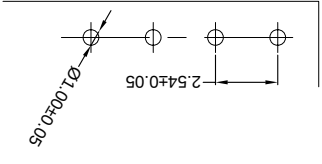
For and on behalf of  
XKB INDUSTRIAL PRECISION CO., LIMITED  
香港星坤工業精密有限公司

|                                       |      |            |                                                                                   |
|---------------------------------------|------|------------|-----------------------------------------------------------------------------------|
| DSND                                  | DATE | SCALE: N/A |  |
| DWN                                   | DATE | VIEW:      |                                                                                   |
| CHKD                                  | DATE | UNIT: mm   |                                                                                   |
| APPD                                  | DATE | SIZE: A4   |                                                                                   |
| XKB INDUSTRIAL PRECISION CO., LIMITED |      |            |                                                                                   |

| WEIGHT   | 1.0g |
|----------|------|
| SHEET    | 1/1  |
| REVISION | A0   |



Recommend PCB Layout



Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ

① Series No. X9556 WR XX-XX X-NOV01 XX

② Category: W-water

③ Welding Board Angle: R-90°

④ Welding Way: Blank-DIP

⑤ Row No.-Pin No. XX-Single row

⑥ Special NO.

⑦ Material: NO-P466 94V-0

⑧ Plating Category: V\*\*All Gold-Plated

⑨ "01-1U" ; "02-2U" ; "03-3U" ; "05-5U" ; "10-10U" ; "15-15U" ; "30-30U" ; "50-50U"

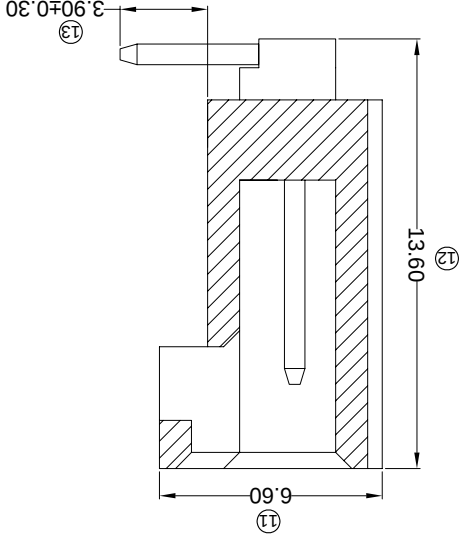
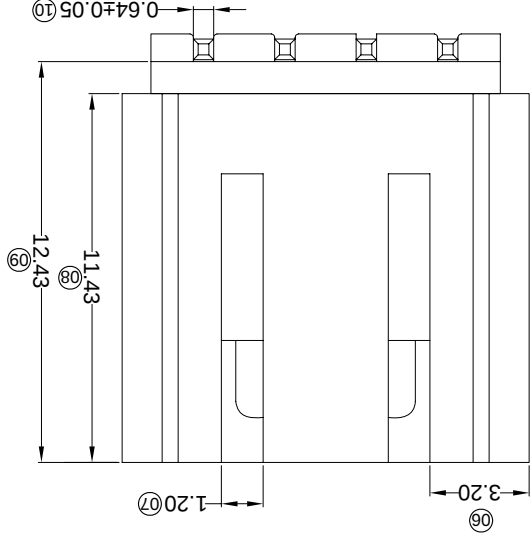
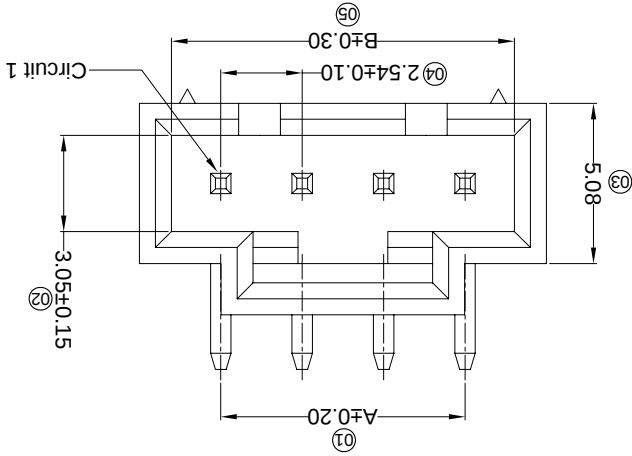
⑩ SN-Bright tin plating 70U"

⑪ SN1-Bright tin plating 120U"Min. ; SW-Fog Tin plating

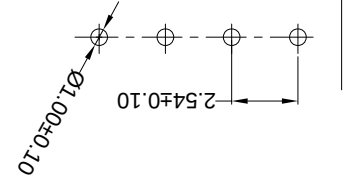
⑫ Color: Blank-natural color

⑬ Dimensions (mm)

| Poles | A     | B     |
|-------|-------|-------|
| 2     | 2.54  | 7.62  |
| 3     | 5.08  | 10.16 |
| 4     | 12.70 | 15.24 |
| 5     | 10.16 | 15.24 |
| 6     | 12.70 | 17.78 |
| 7     | 15.24 | 20.32 |
| 8     | 17.78 | 22.86 |
| 9     | 20.32 | 25.40 |
| 10    | 22.86 | 27.94 |
| 11    | 25.40 | 30.48 |
| 12    | 27.94 | 33.02 |
| 13    | 30.48 | 35.56 |
| 14    | 33.02 | 38.10 |
| 15    | 35.56 | 40.64 |
| 16    | 38.10 | 43.18 |
| 17    | 40.64 | 45.72 |
| 18    | 43.18 | 48.26 |
| 19    | 45.72 | 50.80 |
| 20    | 48.26 | 53.34 |
| 21    | 50.80 | 55.88 |
| 22    | 53.34 | 58.42 |
| 23    | 55.88 | 60.96 |
| 24    | 58.42 | 63.50 |



Recommmand PCB Layout



- Specifications :
- Voltage rating: 250V AC / DC
  - Current rating: 3A AC / DC
  - Withstanding voltage: 1500V AC/minute
  - Temperature range: -25°C~+85°C
  - Insulation resistance:≥1000MΩ
  - Contact resistance: ≤20mΩ
  - After environmental testing : ≤30mΩ

X9556 W R XX- XXRB-NOV01 XX

Series No.

Category :

W-water

Welding Board Angle:

R-90°

Welding Way:

Blank-DIP

Row No.-Pin No.

XX-Single row

Special NO.

RB-Reverse bending

Material:

NO-PA66 94V-0

Plating Category:

V\*\*All Gold-Plated

\*01-Gold Flash ; \*02-2u" ; \*03-3u" ; \*05-5u"

\*10-10u" ; \*15-15u" ; \*30-30u" ; \*50-50u"

SN-Bright tin plating 70u"

SN1-Bright tin plating 120u"Min. ;

SW-Fog Tin plating

Color :

Blank-natural color

| Poles |       | Dimensions (mm) |       |
|-------|-------|-----------------|-------|
| A     | B     | A               | B     |
| 2     | 2.54  | 5.59            | 8.13  |
| 3     | 5.08  | 7.62            | 10.67 |
| 4     | 7.62  | 10.16           | 13.21 |
| 5     | 10.16 | 12.70           | 15.75 |
| 6     | 12.70 | 15.24           | 18.29 |
| 7     | 15.24 | 17.78           | 20.83 |
| 8     | 17.78 | 20.32           | 23.37 |
| 9     | 20.32 | 22.86           | 25.91 |
| 10    | 22.86 | 25.40           | 28.45 |
| 11    | 25.40 | 27.94           | 30.99 |
| 12    | 27.94 | 30.48           | 33.53 |
| 13    | 30.48 | 33.02           | 36.07 |
| 14    | 33.02 | 35.56           | 38.61 |
| 15    | 35.56 |                 |       |

|                                       |  |             |  |            |  |                                       |  |           |  |                                |       |
|---------------------------------------|--|-------------|--|------------|--|---------------------------------------|--|-----------|--|--------------------------------|-------|
| MARK                                  |  | DESCRIPTION |  | DATE       |  | REVISED                               |  | APPROVED  |  | UNSPECIFIED TOLERANCES         |       |
|                                       |  |             |  |            |  |                                       |  |           |  | L > 63                         | ± 0.5 |
| △ X                                   |  |             |  |            |  |                                       |  |           |  | 16 < L ≤ 63                    | ± 0.4 |
| △ X                                   |  |             |  |            |  |                                       |  |           |  | 4 < L ≤ 16                     | ± 0.3 |
| △ X                                   |  |             |  |            |  |                                       |  |           |  | L ≤ 4                          | ± 0.2 |
|                                       |  |             |  |            |  |                                       |  |           |  | ANGULAR                        | ± 5°  |
| REVISIONS                             |  |             |  |            |  |                                       |  |           |  |                                |       |
| Authorized Signature(s)               |  |             |  |            |  |                                       |  |           |  |                                |       |
| KKB INDUSTRIAL PRECISION CO., LIMITED |  |             |  |            |  |                                       |  |           |  |                                |       |
| For and on behalf of                  |  |             |  |            |  |                                       |  |           |  |                                |       |
| 香港星坤工業精密有限公司                          |  |             |  |            |  |                                       |  |           |  |                                |       |
| X9556WR-XXRB-NOV01                    |  |             |  |            |  |                                       |  |           |  |                                |       |
| MODEL TYPE:                           |  |             |  |            |  |                                       |  |           |  |                                |       |
| SCALE: N/A                            |  |             |  |            |  |                                       |  |           |  |                                |       |
| DSND                                  |  | DATE        |  | SCALE: N/A |  | VIEW:                                 |  | PART NO.: |  | 2.54 mm Crimp Style Connectors |       |
| DWN                                   |  | DATE        |  | VIEW:      |  | UNIT: mm                              |  | DWG NO.:  |  | REVISION                       |       |
| CHKD                                  |  | DATE        |  | UNIT: mm   |  | SIZE: A4                              |  | WEIGHT    |  | SHEET                          |       |
| APPD                                  |  | DATE        |  | SIZE: A4   |  | KKB INDUSTRIAL PRECISION CO., LIMITED |  | 1.0g      |  | A0                             |       |

REVISIONS  
*Authorized Signature(s)*

| MARK | DESCRIPTION | DATE | REVISED | APPROVED | UNSPECIFIED TOLERANCES |
|------|-------------|------|---------|----------|------------------------|
| △ X  |             |      |         |          | L > 63<br>± 0.5        |
| △ X  |             |      |         |          | 16 < L ≤ 63<br>± 0.4   |
| △ X  |             |      |         |          | 4 < L ≤ 16<br>± 0.3    |
| △ X  |             |      |         |          | L ≤ 4<br>± 0.2         |
|      |             |      |         |          | ANGULAR<br>± 5°        |

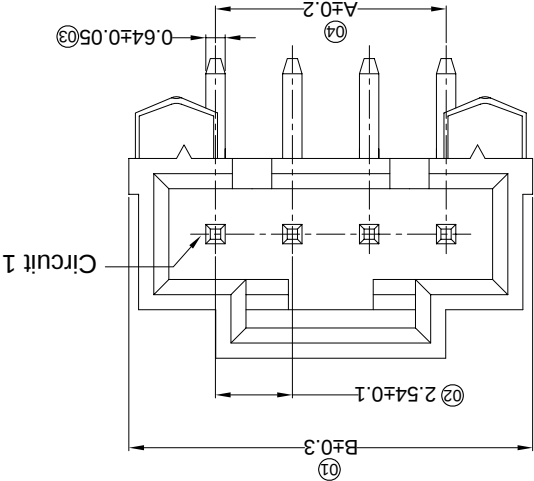
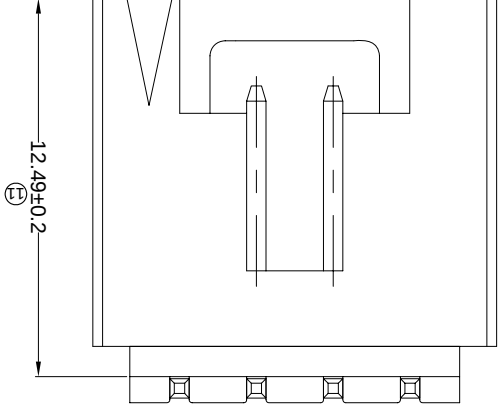
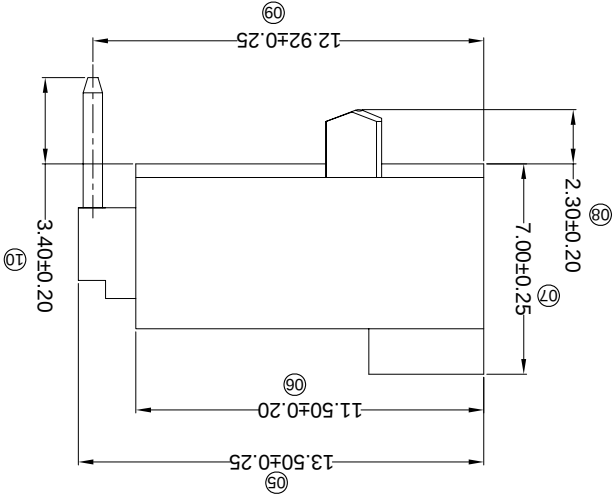
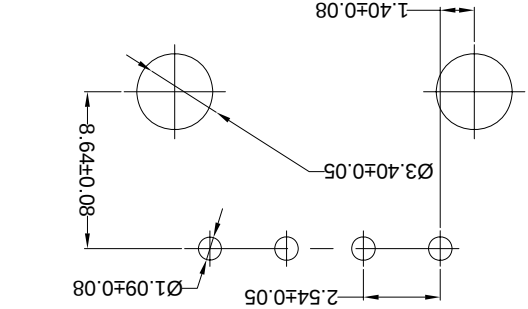
*For and on behalf of*  
**KKB INDUSTRIAL PRECISION CO., LIMITED**  
香港星坤工業精密有限公司

**KKB INDUSTRIAL PRECISION CO., LIMITED**

|      |      |                                                                                         |                                          |
|------|------|-----------------------------------------------------------------------------------------|------------------------------------------|
| DSND | DATE | SCALE: N/A                                                                              | MODEL TYPE: X9556W-R-XXS-9TVXX           |
| DWN  | DATE | VIEW:  | PART NO.: 2.54 mm Crimp Style Connectors |
| CHKD | DATE | UNIT: mm                                                                                | DWG NO.:                                 |
| APPD | DATE | SIZE: A4                                                                                |                                          |

| PART NO              | Material                          | Material(Pin) | Finish(Pin) | Suitable XKB Terminal |
|----------------------|-----------------------------------|---------------|-------------|-----------------------|
| X9556W-R-XXS-9TV01   | Nylon 9T UL 94V-0                 | Brass         | Gold-Flash  | X9556H                |
| X9556W-R-XXSHF-9TV15 | Nylon 9T UL 94V-0<br>Halogen Free | Brass         | Gold 15u"   | X9556H                |

### Recommend PCB Layout

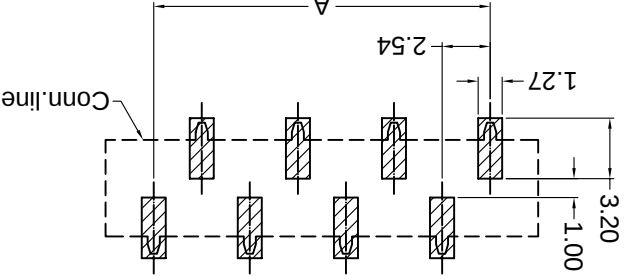
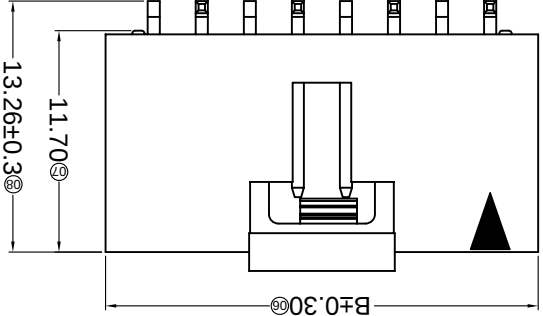
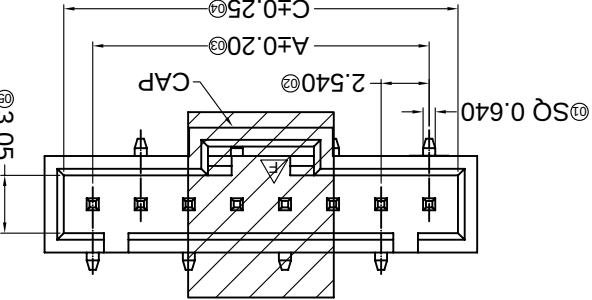


### Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ

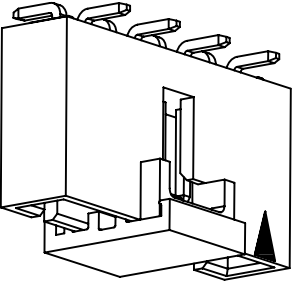
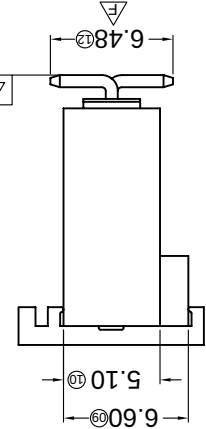
X9556 W R XX- XX S HF-9T VXX XX  
①① ①② ①③ ①④ ①⑤ ①⑥ ①⑦ ①⑧ ①⑨

- ①① Series No.
- ①② Category: W-water
- ①③ Welding Board Angle: R-90°
- ①④ Welding Way: Blank-DIP
- ①⑤ Row No.-Pin No. XX-Single row
- ①⑥ Special NO. S-With positioning column : HF-Halogen Free
- ①⑦ Material: 9T-Nylon 9T 94V-0
- ①⑧ Planting Category: V\*\*All Gold-Plated
- ①⑨ Color: Blank-natural color
- ①⑩ \*01-Gold Flash : \*02-2u" : \*03-3u" : \*05-5u"
- ①⑪ \*10-10u" : \*15-15u" : \*30-30u" : \*50-50u"
- ①⑫ SN-Bright tin plating 70u"
- ①⑬ SN1-Bright tin plating 120u"Min. :
- ①⑭ SW-Fog Tin plating



Recommended P.C.B Layout  
General Tolerance±0.05

For and on behalf of  
KKB INDUSTRIAL PRECISION CO., LIMITED  
香港星坤工業精密有限公司  
REVISIONS  
APPROVED  
REVISED  
DATE  
DESCRIPTION  
MARK



## Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing : ≤30mΩ

X9556 W V S-XX X-4T XX XX

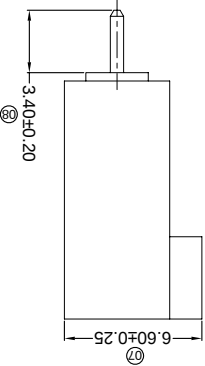
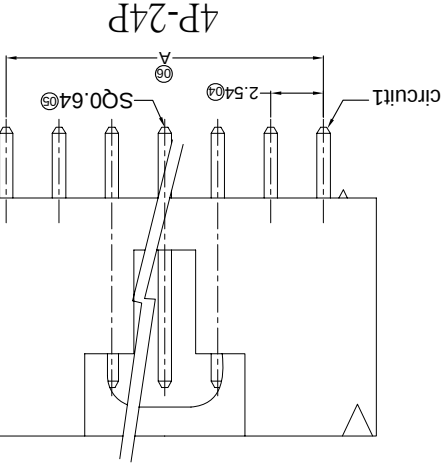
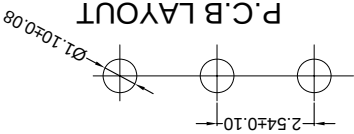
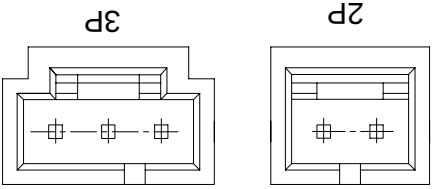
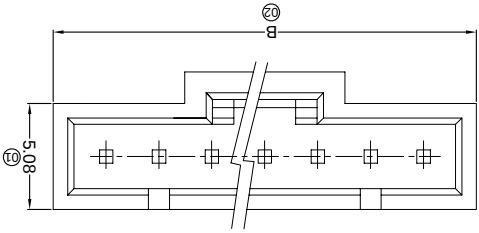
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Series No.
- ② Category: W-WAFER
- ③ Welding Board Angle: V-Straight 180°
- ④ Welding Way: S-SMT
- ⑤ Row No.-Pin No.: XX-02P~20P
- ⑥ Plug the Pin & Special No.:
- ⑦ Material: 4T -PA4T UL 94V-0
- ⑧ Plating Category: V01-Gold Flash
- ⑨ SW-Matte Tin Plating
- ⑩ Color : Blank-Natural Color Black

| Poles | Dimensions (mm) |       | Poles | Dimensions (mm) |       |
|-------|-----------------|-------|-------|-----------------|-------|
|       | A               | B     |       | A               | B     |
| 02    | 2.54            | 7.62  | 12    | 27.94           | 33.02 |
| 03    | 5.08            | 10.16 | 13    | 30.48           | 35.56 |
| 04    | 7.62            | 12.70 | 14    | 33.02           | 38.10 |
| 05    | 10.16           | 15.24 | 15    | 35.56           | 40.64 |
| 06    | 12.70           | 17.78 | 16    | 38.10           | 43.18 |
| 07    | 15.24           | 20.32 | 17    | 40.64           | 45.72 |
| 08    | 17.78           | 22.86 | 18    | 43.18           | 48.26 |
| 09    | 20.32           | 25.40 | 19    | 45.72           | 50.80 |
| 10    | 22.86           | 27.94 | 20    | 48.26           | 53.34 |
| 11    | 25.40           | 30.48 |       |                 | 51.31 |

| PART NO           | Material       | Material(Pin) | Finish(Pin) | Suitable XKB Terminal |
|-------------------|----------------|---------------|-------------|-----------------------|
| X9556WVS-XX-4TSW  | PA 4T UL 94V-0 | Brass         | Matte Tin   | X9556H                |
| X9556WVS-XX-4TV01 | PA 4T UL 94V-0 | Brass         | Gold-Flash  | X9556H                |

| DSND                                  | DATE  | SCALE: N/A | MODEL TYPE: X9556WVS-XX-4TXX |
|---------------------------------------|-------|------------|------------------------------|
| DWN                                   | DATE  | VIEW:      | PART NO.:                    |
| CHKD                                  | DATE  | UNIT: mm   | DWG NO.:                     |
| APPD                                  | DATE  | SIZE: A4   |                              |
| KKB INDUSTRIAL PRECISION CO., LIMITED |       |            |                              |
| REVISIONS                             |       |            |                              |
| REVISION                              | SHEET | 1/1        | A0                           |



- Specifications :
- Voltage rating: 250V AC / DC
  - Current rating: 3A AC / DC
  - Withstanding voltage: 1500V AC/minute
  - Temperature range: -25°C~+85°C
  - Insulation resistance: ≥1000MΩ
  - Contact resistance: ≤20mΩ
  - After environmental testing: ≤30mΩ

X9556 W V XX- XX X-N0XX XX

01 02 03 04 05 06 07 08 09

01 Series No.

02 Category:

W-water

03 Welding Board Angle:

V-180°

04 Welding Way:

Blank-DIP

05 Row No.-Pin No.

XX-Single row

06 Special NO.

07 Material:

N0-PA66 94V-0

08 Plating Category:

V\*:All Gold-Plated

\*01-Gold Flash ; \*02-2u" ; \*03-3u" ; \*05-5u"

\*10-10u" ; \*15-15u" ; \*30-30u" ; \*50-50u"

SN-Bright tin plating 70u"

SN1-Bright tin plating 120u"Min. ;

SW-Fog Tin plating

09 Color:

Blank-natural color

|         |                   |          |                   |                  |                  |         |                  |
|---------|-------------------|----------|-------------------|------------------|------------------|---------|------------------|
| PART NO | Nylon 66 UL 94V-0 | Material | Nylon 66 UL 94V-0 | Material(Pin)    | Gold-Plated 15u" | PART NO | X9556WV-XX-N0V15 |
| PART NO | Nylon 66 UL 94V-0 | Material | Brass             | Gold-Plated 15u" | Gold-Plated 15u" | PART NO | X9556WV-XX-N0V01 |
| PART NO | Nylon 66 UL 94V-0 | Material | Brass             | Gold-Plated 15u" | Gold-Plated 15u" | PART NO | X9556WV-XX-N0V01 |

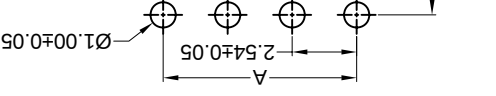
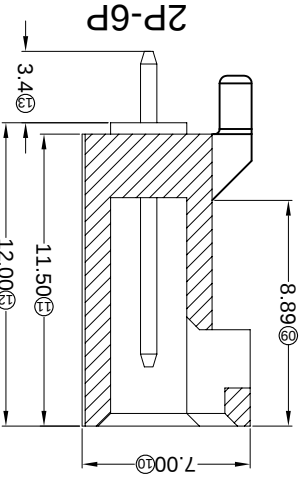
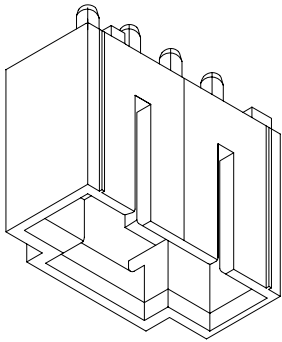
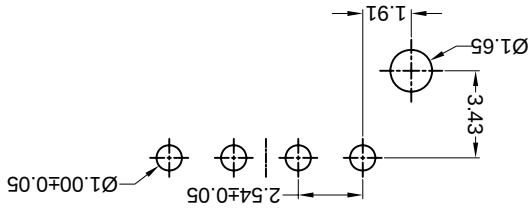
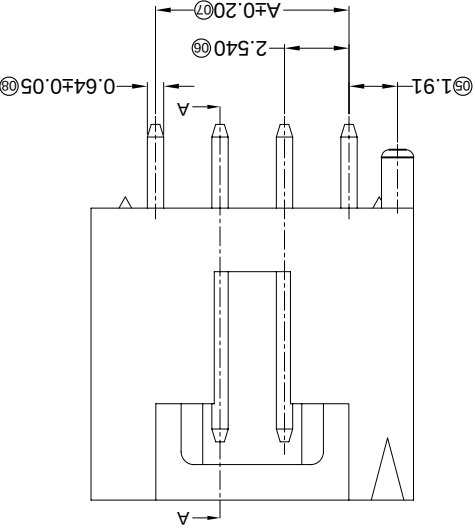
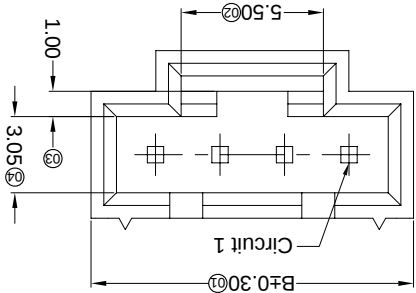
|                 |       |       |
|-----------------|-------|-------|
| Dimensions (mm) | A     | B     |
| 2               | 2.54  | 7.62  |
| 3               | 5.08  | 10.16 |
| 4               | 7.62  | 12.70 |
| 5               | 10.16 | 15.24 |
| 6               | 12.70 | 17.78 |
| 7               | 15.24 | 20.32 |
| 8               | 17.78 | 22.86 |
| 9               | 20.32 | 25.40 |
| 10              | 22.86 | 27.94 |
| 11              | 25.40 | 30.48 |
| 12              | 27.94 | 33.02 |
| 13              | 30.48 | 35.56 |
| 14              | 33.02 | 38.10 |
| 15              | 35.56 | 40.64 |
| 16              | 38.10 | 43.18 |
| 17              | 40.64 | 45.72 |
| 18              | 43.18 | 48.26 |
| 19              | 45.72 | 50.80 |
| 20              | 48.26 | 53.34 |
| 21              | 50.80 | 55.88 |
| 22              | 53.34 | 58.42 |
| 23              | 55.88 | 60.96 |
| 24              | 58.42 | 63.50 |

|           |             |         |          |                        |
|-----------|-------------|---------|----------|------------------------|
| REVISIONS | DATE        | REVISED | APPROVED | UNSPECIFIED TOLERANCES |
| MARK      | DESCRIPTION | DATE    | REVISED  | APPROVED               |
| △ X       |             |         |          | 16 < L ≤ 63 ±0.4       |
| △ X       |             |         |          | 4 < L ≤ 16 ±0.3        |
| △ X       |             |         |          | L ≤ 4 ±0.2             |
|           |             |         |          | ANGULAR ±5°            |

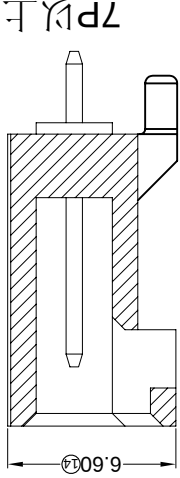
For and on behalf of  
XKB INDUSTRIAL PRECISION CO., LIMITED  
香港星坤工業精密有限公司

XKB INDUSTRIAL PRECISION CO., LIMITED

|                                |            |      |       |          |          |        |       |          |
|--------------------------------|------------|------|-------|----------|----------|--------|-------|----------|
| MODEL TYPE:                    | SCALE: N/A | DATE | VIEW: | UNIT: mm | SIZE: A4 | WEIGHT | SHEET | REVISION |
| X9556WV-XX-N0XX                |            |      |       |          |          | 1.0g   | 1/1   | A0       |
| PART NO.:                      |            |      |       |          |          |        |       |          |
| 2.54 mm Crimp Style Connectors |            |      |       |          |          |        |       |          |
| DWG NO.:                       |            |      |       |          |          |        |       |          |



SECTION A-A  
SCALE 1 : 1



For and on behalf of  
KKB INDUSTRIAL PRECISION CO., LIMITED  
香港星坤工業精密有限公司

| MARK | DESCRIPTION | DATE | REVISED | APPROVED | UNSPECIFIED TOLERANCES |
|------|-------------|------|---------|----------|------------------------|
| △ X  |             |      |         |          | ±0.5                   |
| △ X  |             |      |         |          | ±0.4                   |
| △ X  |             |      |         |          | ±0.3                   |
|      |             |      |         |          | ±0.2                   |
|      |             |      |         |          | ±0.1                   |
|      |             |      |         |          | ±0.05                  |

| DSND                                  | DATE | SCALE: N/A | MODEL TYPE: X9556WV-XXSX-LPV01           |
|---------------------------------------|------|------------|------------------------------------------|
| DWN                                   | DATE | VIEW:      | PART NO.: 2.54 mm Crimp Style Connectors |
| CHKD                                  | DATE | UNIT: mm   | DWG NO.:                                 |
| APPD                                  | DATE | SIZE: A4   |                                          |
| KKB INDUSTRIAL PRECISION CO., LIMITED |      |            |                                          |
| REVISIONS                             |      |            |                                          |
| AUTHORIZED SIGNATURE(S)               |      |            |                                          |
| UNSPECIFIED TOLERANCES                |      |            |                                          |
| WEIGHT 1.0g                           |      |            |                                          |
| SHEET 1/1                             |      |            |                                          |
| REVISION A0                           |      |            |                                          |

| PART NO            | MATERIAL     | MATERIAL(PIN) | FINISH(PIN) | SUITABLE KKB TERMINAL |
|--------------------|--------------|---------------|-------------|-----------------------|
| X9556WV-XXSX-LPV01 | LCP UL 94V-0 | Brass         | Gold-Flash  | X9556H                |

| Poles | Dimensions (mm) | A     | B  | Dimensions (mm) |
|-------|-----------------|-------|----|-----------------|
| 2     | 2.54            | 7.62  | 14 | 33.02           |
| 3     | 5.08            | 10.16 | 15 | 35.56           |
| 4     | 7.62            | 12.70 | 16 | 38.10           |
| 5     | 10.16           | 15.24 | 17 | 40.64           |
| 6     | 12.70           | 17.78 | 18 | 43.18           |
| 7     | 15.24           | 20.32 | 19 | 45.72           |
| 8     | 17.78           | 22.86 | 20 | 48.26           |
| 9     | 20.32           | 25.40 | 21 | 50.80           |
| 10    | 22.86           | 27.94 | 22 | 53.34           |
| 11    | 25.40           | 30.48 | 23 | 55.88           |
| 12    | 27.94           | 33.02 | 24 | 58.42           |
| 13    | 30.48           | 35.56 |    | 63.50           |

- ① Series No. X9556 W V X-XX SX-LP XXX XX  
② Category: W-water  
③ Welding Board Angle: V- Straight 180°  
④ Welding Way: Blank-DIP  
⑤ Row No.-Pin No.: XX-02P~24P  
⑥ Plug the Pin & Special No.:  
⑦ S-With Post,distance Pin 1.91mm;  
⑧ S1-With Post ,distance Pin 0.63mm;  
⑨ Material: LP-LCP 94V-0;  
⑩ Plating Category: V01-Gold Flash;  
⑪ Color: Blank-Natural Color

- Specifications :  
• Voltage rating: 250V AC / DC  
• Current rating: 3A AC / DC  
• Withstanding voltage: 1500V AC/minute  
• Temperature range: -25°C~+85°C  
• Insulation resistance:≥1000MΩ  
• Contact resistance: ≤20mΩ  
• After environmental testing : ≤30mΩ

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