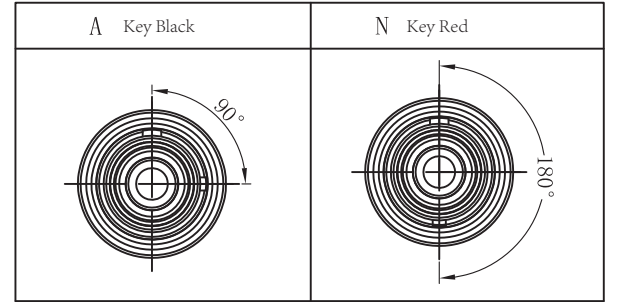
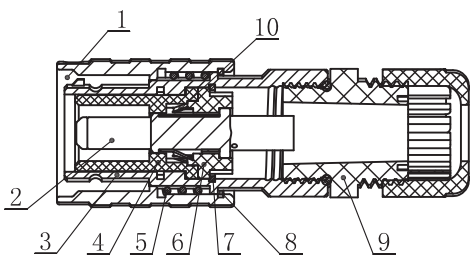
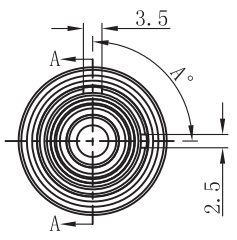
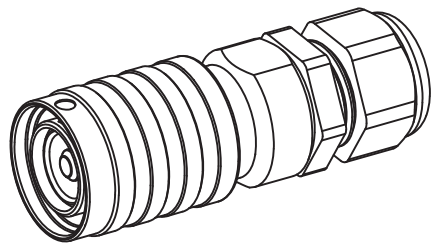
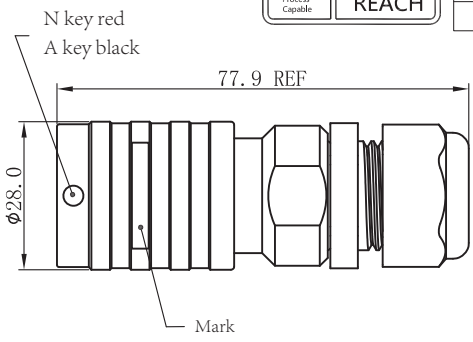
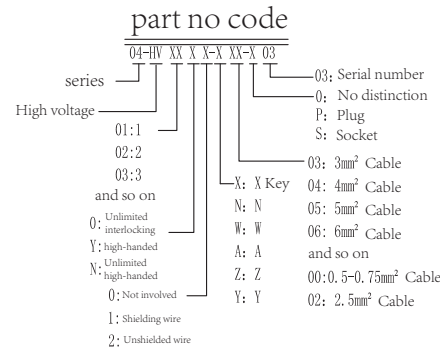


| | | | | | |
|---------|-----|----------|-----------------|-------|-------|
| ECN NO. | REV | DATE | DESCRIPTION | MDF'D | APP'D |
| | A0 | 2022.7.3 | Initial version | ZsH | Qilin |



- Material: Contact: Copper alloy, silver plating
Housing: alufer
Insulating plastic: nylon, flame retardant grade: UL94 V-0
Waterproof part: silicone rubber
- Rated voltage: 1000V AC/DC
- Rated current: 10mm²:60A \ 16mm²:80A \ 25mm²: 125A
- Withstand voltage: 3000V AC (1 Minutes)
- Insulation resistance:>2000M Ω (normal state)
- Working temperature: - 40 C ~+125 C
- Mechanical life: ≥ 500 times
- Waterproof grade: IP67 (matching state)
- Product meets environmental RoHS requirements
- Insertion and extraction force ≤70N



| | | | |
|----|-------------------|---------------------------------------|--------|
| 10 | X01-P01-T06SN-007 | 6mm Gear sleeve | 1 |
| 9 | See List | Plastic waterproof joint M20*1.5 | 1 |
| 8 | XX103-01-00-05A | Connecting collar ø27*1 | 1 |
| 7 | XX104-01-00-06A | collar ø21*1 | 1 |
| 6 | XX104-01-00-05A | Plug socket rear mounting plate | 1 |
| 5 | XX104-01-00-03A | Spring | 1 |
| 4 | XX104-01-00-04A | Single core plug front mounting plate | 1 |
| 3 | See List | Single core plug housing | 1 |
| 2 | See List | ø6 Pin assembly | 1 |
| 1 | See List | Single core plug connection sleeve | 1 |
| No | Part No | Name | Number |

| | |
|---|-----------------|
| General Tolerance | Angle Tolerance |
| X ±0.5 .X ±0.2 .XX ±0.1 | ±1° |
| Unless otherwise specified, dimensions are in metric and tolerances are | |
| CUSTOMER-DRAWING | |

| | | | |
|---------------------------|-------|--|-------------------------|
| HV Metal Connector | | | |
| DESIGNER | ZsH | TITLE: XXC104 High Voltage Metal Connector | |
| CHECKED | ZsH | PARTS NO: XXC104-EV-S1TA | |
| APPROVAL | Qilin | (UNIT): mm | (SCALE): 1:1 (SHT): 1/2 |

| series | Part No | Drawing No | Key | A' | Single core plug connection sleeve | ø6 Pin assembly | Single core plug housing | Plastic waterproof joint | Adapter cable (mm ²) | Connecting sleeve |
|---------------|----------------|-------------------|-----|------|------------------------------------|-----------------|--------------------------|--------------------------|----------------------------------|-------------------|
| A1-XXC104P001 | XXC104-EV-S1TA | 04-HV0100-N10-P04 | N | 180° | XX104-01-00-01A | XX104-01-01-00A | XX104-01-00-02A | B13-M20*1.5-00002 | 10 | red |
| A1-XXC104P002 | XXC104-EV-S1TB | 04-HV0100-N16-P04 | N | 180° | XX104-01-00-01A | XX104-01-01-00B | XX104-01-00-02A | B13-M20*1.5-00002 | 16 | red |
| A1-XXC104P003 | XXC104-EV-S1TE | 04-HV0100-N25-P04 | N | 180° | XX104-01-00-01A | XX104-01-01-00C | XX104-01-00-02A | B13-M20*1.5-00003 | 25 | red |
| A1-XXC104P004 | XXC104-EV-S1TC | 04-HV0100-A10-P04 | A | 90° | XX104-01-00-01C | XX104-01-01-00A | XX104-01-00-02C | B13-M20*1.5-00002 | 10 | black |
| A1-XXC104P005 | XXC104-EV-S1TD | 04-HV0100-A16-P04 | A | 90° | XX104-01-00-01C | XX104-01-01-00B | XX104-01-00-02C | B13-M20*1.5-00002 | 16 | black |
| A1-XXC104P006 | XXC104-EV-S1TF | 04-HV0100-A25-P04 | A | 90° | XX104-01-00-01C | XX104-01-01-00C | XX104-01-00-02C | B13-M20*1.5-00003 | 25 | black |