

PROJECT NO:

XXX

REV

DESCRIPTION

DATE

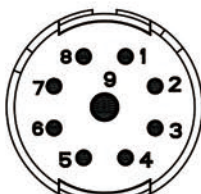
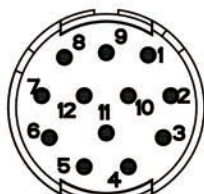
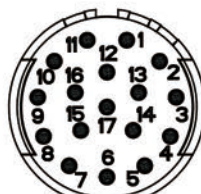
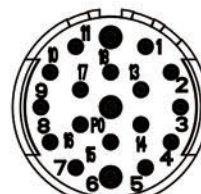
APPROVED

S0

CREATED DRAWING

2018/01/28

CRB

SCALE:3:1  
DETAIL A  
6PINSCALE:3:1  
DETAIL A  
9(8+1)PINSCALE:3:1  
DETAIL A  
12PINSCALE:3:1  
DETAIL A  
17PINSCALE:3:1  
DETAIL A  
19(16+3)PIN

| ORDER NO.     | ITEM ⑤            | APPLICABLE WIRE                   | RATING VOLTAGE | RATING CURRENT |
|---------------|-------------------|-----------------------------------|----------------|----------------|
| 230006-01-002 | 6PIN MALE INSERT  | 2.5mm <sup>2</sup> (14AWG)        | 250V AC/DC     | 20A            |
| 230009-01-002 | 9PIN MALE INSERT  | 1.5+2.5mm <sup>2</sup> (16+14AWG) | 250V AC/DC     | 8A+20A         |
| 230012-01-003 | 12PIN MALE INSERT | 1.0mm <sup>2</sup> (18AWG)        | 150V AC/DC     | 8A             |
| 230017-01-002 | 17PIN MALE INSERT | 1.0mm <sup>2</sup> (18AWG)        | 150V AC/DC     | 8A             |
| 230019-01-003 | 19PIN MALE INSERT | 1.0+1.5mm <sup>2</sup> (18+16AWG) | 150V AC/DC     | 8A+10A         |

## Detailed Product Description:

Waterproof connector rating is IP67

They can not be used permanently under water.

## Connector Electrical character

Rating voltage: SEE TABLE

Insulation resistance: &gt;100MΩ

Rating current : SEE TABLE

Contact resistance of connector ≤5mΩ

## Mechanical characteristics:

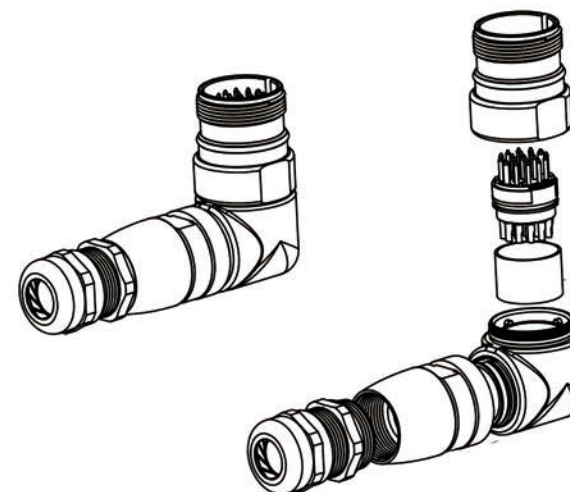
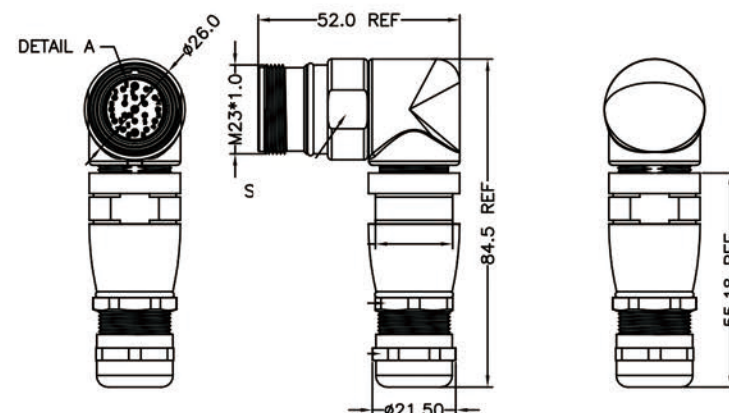
mating / cycle &gt;500 cycle

Operating temperature: -40°C ~ +115°C

Design from DIN EN60664 AND DIN EN61984

Cable OD: Ø3mm-Ø9.5mm

\*ALL MATERIALS ARE RoHS COMPLIANT.



Shen Zhen Signal Electronics co.,Ltd

DRAWN BY

DATE

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THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE  
PROPERTY OF SIGNAL COMPANY.  
ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN  
PERMISSION OF SIGNAL COMPANY IS PROHIBITED.TITLE M23 MALE HEAD METAL ASSEMBLY  
(M23\*1.0, ELBOW)

SGN NO SEE TABLE

REV.

DWG NO

CUSTOMER

S0

TOLERANCES ARE:

DECIMALES

ANGLES

THIRD ANGLE  
PROJECTION

.x ±0.5

x' ±2.0'

.xx ±0.20

x' ±1.0'

SIZE: A4

UNITS: mm

SCALE: 1:1

SHEET: 1 OF 1