

HSF



ROHS

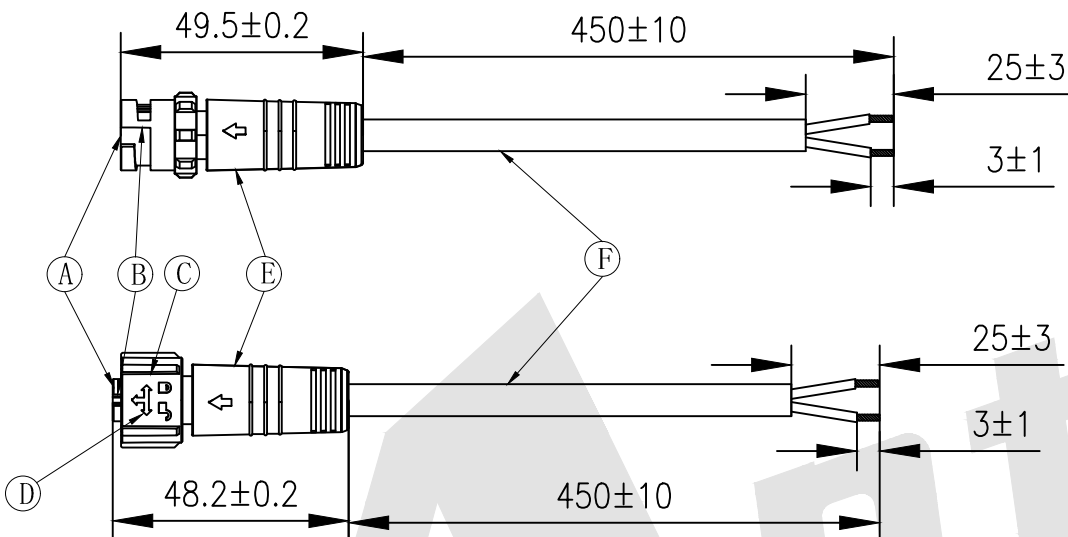
NOTES:

1. WATERPROOF RATE: IP67
IP67: IMMERSED IN 1M WATER FOR 30 MINUTES
2. TEMPERATURE RANGE: -40° TO +80°
3. ELECTRICAL CHARACTERISTICS:
1-1 CURRENT RATING: 8AMPS+2AMPS.
1-2 CONTACT RESISTANCE : ≤10mΩ
1-3 INSULATION RESISTANCE: 100 MΩ Min. at 500VDC.
1-4 BREAKDOWN VOLTAGE: 500 V AC PER MINUTE.
4. LFE TEST: 500 CYCLES MIN.
5. OTHER GENERAL SPEC TO REFER "CIRCULAR SERIES GENERAL SPEC".
6. TO CONFORM TO ROHS REQUIREMENT
7. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: ROHS

Ordering Code:

M12K - XP - X - 003
① ② ③ ④

- ① Type of M series: M12K
- ② NO. of PINS: 02~12
- ③ Gender option:
F: Female M: Male
- ④ Series number: 003



| | | | |
|------|------------------|-----|--|
| F | Cable | 1 | DEMAND |
| E | Over Mold | 1 | NYLON(UV) BLACK |
| D | O RING | 1 | SILIGONE RED |
| C | FEMALE SCREW NUT | 1 | NYLON+GF BLACK |
| B | male PIN | / | GOLD PLATED BRASS |
| | Female PIN | / | PHOSPHOR BRONZE GOLD PLATING OVER NICKEL PLATING |
| A | BODY | 1 | NYLON+GF BLACK |
| Item | PART NAME | QTY | MATERIAL /FINISH |

| | | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|
| | | | | | | |
| Pin Assignments 2 Pin | Pin Assignments 3 Pin | Pin Assignments 4 Pin | Pin Assignments 5 Pin | Pin Assignments 6 Pin | Pin Assignments 8 Pin | Pin Assignments 12 Pin |

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|---|--------------------|--|
| Unless Otherwise specified tolerance X. ±0.35 X.XX: ±0.20 X.X: ±0.25 X.XXX: ±0.15 | | ANTENK ELECTRONICS CO., LTD Http://www.antenk.com E-mail: sales@antenk.com |
| SCALE: As Shown | UNIT: mm | |
| DRAW ZLA | DATE 13/05/2022 | TITLE: M12K Vertical Metal nuts Waterproof Connector |
| CHECK BobYang | DATE 13/05/2022 | DRAWING NO: M12K-XP-X-003 |
| | | PRODUCT NO: M12K-XP-X-003 |
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|-----|-------------|---|---|---|------|
| REV | DESCRIPTION | | | | DATE |
| 1 | 2 | 3 | 4 | 5 | |