

4

3

2

1

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| ITEM | DESCRIPTION    | MATERIAL     | OTHERS     |
|------|----------------|--------------|------------|
| 1    | FEMALE CONTACT | COPPER ALLOY | FLASH GOLD |
| 2    | HOUSING        | NYLON        | BLACK      |
| 3    | COUPLING NUT   | COPPER ALLOY | -          |
| 4    | OVER-MOLDING   | POLYURETHANE | BLUE       |
| 5    | CABLE          | -            | -          |
| 6    | LABEL          | -            | -          |

PIN 2-WHITE

PIN 1-BROWN

PIN 3-BLUE

PIN 5-GRAY

PIN 4-BLACK

(46)

0m to 1m  
1m to 3m  
>3m

"L"

±0.05m  
±0.1m  
±1.5%

(50)

35±5

SW13

6

1

6

5

4

3

2

1

TECHNICAL DATA

T41513X0002-00X

T41513X0003-00X

T41513X0004-00X

T41513X0005-00X

|                       |       |       |
|-----------------------|-------|-------|
| RATED VOLTAGE         | 250V  | 60V   |
| RATED IMPULSE VOLTAGE | 2500V | 1500V |
| RATED CURRENT         | 4A    |       |
| POLLUTION DEGREE      | 3     |       |
| OVERVOLTAGE CATEGORY  | II    |       |
| MATERIAL GROUP        | II    |       |
| DEGREE OF PROTECTION  | IP67  |       |

PIN ARRANGEMENT  
A-CODE

|                 |                 |                 |
|-----------------|-----------------|-----------------|
| T41513X0002-00X | T41513X0003-00X | T41513X0004-00X |
|                 |                 |                 |
| T41513X0005-00X |                 |                 |
|                 |                 |                 |

WIRES: 0.50mm<sup>2</sup>(20AWG)  
WIRE COLOR: WH/BR/BK/BL/GR  
OD: APPROX.4.5MM FOR 2P/3P  
APPROX.5.0MM FOR 4P/5P

STANDARD:  
-001:0.5 M  
-002:1.0 M  
-003:1.5 M  
-004:3.0 M  
-005:5.0 M  
-006:7.0 M  
-007:10.0 M

WIRES: 0.34mm<sup>2</sup>(22AWG)  
WIRE COLOR: WH/BR/BK/BL/GR  
OD: APPROX.4.5MM FOR 2P/3P  
APPROX.5.5MM FOR 4P/5P

CUSTOMIZATION:  
-XX0:XX.0 M  
-XX5:XX.5 M  
-99X:0.X M

|                         |       |             |
|-------------------------|-------|-------------|
| FIXED:<br>-10°C~+80°C   | BLACK | PVC<br>(UL) |
| FLXIBLE:<br>-5°C~+80°C  |       |             |
| FIXED:<br>-40°C~+80°C   | GRAY  | PUR<br>(UL) |
| FLXIBLE:<br>-25°C~+80°C |       |             |
| FIXED:<br>-10°C~+80°C   | BLACK | PVC<br>(UL) |
| FLXIBLE:<br>-5°C~+80°C  |       |             |

|                      |            |                   |              |                 |      |      |       |
|----------------------|------------|-------------------|--------------|-----------------|------|------|-------|
| CABLE CHARACTERISTIC | LENGTH "L" | CABLE TEMP. RANGE | JACKET COLOR | JACKET MATERIAL | TYPE | POS. | TE PN |
|----------------------|------------|-------------------|--------------|-----------------|------|------|-------|

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

MATERIAL  
-  
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-  
1 PLC ±-  
2 PLC ±-  
3 PLC ±-  
4 PLC ±-  
ANGLES ±-  
FINISH -  
-

DWN HAO WANG 11AUG2015  
CHK KOBBY ZHAO 11AUG2015  
APVD XIANG XU 11AUG2015

PRODUCT SPEC  
108-106140

APPLICATION SPEC  
-

WEIGHT  
-

CUSTOMER DRAWING

NAME M12X1 STRAIGHT RECEPTACLE, FREE END A-CODE, UNSHIELDED,

SIZE A2  
CAGE CODE -  
DRAWING NO C-T41513X00XX00X

RESTRICTED TO

SCALE 1:1  
SHEET 1 OF 1  
REV B

REVISIONS

| P | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|---|-----|---------------------------|-----------|-----|------|
|   | A   | INITIAL RELEASE           | 21AUG2015 | HW  | XX   |
|   | A1  | ECR-16-010106             | 14JUL2016 | HW  | XX   |
|   | A2  | ECR-16-015173, ADD NEW PN | 29OCT2016 | BP  | CW   |
|   | B   | ECR-18-019963             | 28DEC2018 | G.W | C.W  |

NOTE:

1. STRIP ALL THE INSULATION;

2. CODE POSITION INDICATOR;

3. RECOMMENDED TORQUE 0.6 Nm;

4. -\*\*:CABLE LENGTH  
-0.5:0.5M,  
-1.0:1.0M,  
-1.5:1.5M,  
-3.0:3.0M,  
-5.0:5.0M,  
-7.0:7.0M,  
-10.0:10.0M;

5. CABLE ASSEMBLY TO BE PACKAGED IN POLYBAGS;

6. LABEL CONTAINS: PN, DATE CODE...;

7. -00X: FOR CABLE LENGTH, SEE TABLE E AND REFER TO LENGH"L".

注释:

1. 全剥护套绝缘层;

2. CODE位置指示;

3. 推荐扭矩0.6 Nm;

4. -\*:线缆长度  
-0.5:0.5M,  
-1.0:1.0M,  
-1.5:1.5M,  
-3.0:3.0M,  
-5.0:5.0M,  
-7.0:7.0M,  
-10.0:10.0M;

5. 线缆组件塑料袋包装;

6. 标签包含: 产品编号, 日期代码...;

7. -00X:线缆长度,参考表2,参照长度"L".

1471-9 (3/13)