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RELEASED FOR PUBLICATION

20

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

45°

2

PIN 2-WHITE

PIN 1-BROWN

PIN 3-BLUE

PIN 5-GRAY

PIN 4-BLACK

34.5 REF.

50 REF.

35±5

0m to 1m ±0.05m

1m to 3m ±0.1m

>3m ±1.5%

"L"

29.55 REF.

M12X1

SW13

3

6

1

TE

1

2

3

4

5

6

NOTE:

1. STRIP ALL THE INSULATION

2. CODE POSITION

3. RECOMMENDED TORQUE 0.6 Nm

4. - \*\*:CABLE LENGTH  
-0.5:0.5M,  
-1.0:1.0M,  
-10.0:10.0M,

5. CABLE ASSEMBLY TO BE PACKAGED IN POLYBAGS

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

1. CABLE LENGTH CODE:  
STANDARD LENGTH:001...007  
CUSTOMIZATION LENGTH: >1.0M;XX OR XX5  
EXAMPLE:3.5M:035;15M;150...  
<1.0M;99X  
EXAMPLE:0.4M:994;...0.9M:999

注释:

1. 全剥护套绝缘层

2. CODE位置

3. 推荐扭矩0.6 Nm

4. - \* \* :线缆长度  
-0.5:0.5M,  
-1.0:1.0M,  
-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...

1. 线缆长度编码:  
标准长度:001...007  
定制长度:>1.0M;XX0 或 005  
例如:3.5M:035;15.0M:150...  
<1.0M;99X  
例如:0.4M:994;0.9M:999

| TECHNICAL DATA        |                 |                 |                 |                 |
|-----------------------|-----------------|-----------------|-----------------|-----------------|
|                       | T41512X0002-00X | T41512X0003-00X | T41512X0004-00X | T41512X0005-00X |
| 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<br>A-CODE |                 |                 |
|---------------------------|-----------------|-----------------|
| T41512X0002-00X           | T41512X0003-00X | T41512X0004-00X |
|                           |                 |                 |
| T41512X0005-00X           |                 |                 |
|                           |                 |                 |

|                                                                                                                          |                                                                                                                                                                              |                                                      |                   |              |                                                                                                          |                  |                                                                          |       |
|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-------------------|--------------|----------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------|-------|
| WIRES: 0.34mm <sup>2</sup> (22AWG)<br>WIRE COLOR: WH/BR/BK/BL/GR<br>OD: APPROX.4.5MM FOR 2P/3P<br>APPROX.5.5MM FOR 4P/5P | STANDARD: 1<br>-001:0.5 M<br>-002:1.0 M<br>-003:1.5 M<br>-004:3.0 M<br>-005:5.0 M<br>-006:7.0 M<br>-007:10.0 M<br>CUSTOMIZATION:<br>-XX0:XX.0 M<br>-XX5:XX.5 M<br>-99X:0.X M | FIXED:<br>-40°C~+80°C<br><br>FLXIBLE:<br>-25°C~+80°C | GRAY              | PUR<br>(UL)  | RPC-M12-MR-5CON-PUR-**1<br>RPC-M12-MR-4CON-PUR-**1<br>RPC-M12-MR-3CON-PUR-**1<br>RPC-M12-MR-2CON-PUR-**1 | 5<br>4<br>3<br>2 | T4151220005-00X<br>T4151220004-00X<br>T4151220003-00X<br>T4151220002-00X |       |
|                                                                                                                          |                                                                                                                                                                              | FIXED:<br>-10°C~+80°C<br><br>FLXIBLE:<br>-5°C~+80°C  | BLACK             | PVC<br>(UL)  | RPC-M12-MR-5CON-PVC-**1<br>RPC-M12-MR-4CON-PVC-**1<br>RPC-M12-MR-3CON-PVC-**1<br>RPC-M12-MR-2CON-PVC-**1 | 5<br>4<br>3<br>2 | T4151210005-00X<br>T4151210004-00X<br>T4151210003-00X<br>T4151210002-00X |       |
|                                                                                                                          | CABLE CHARACTERISTIC                                                                                                                                                         | LENGTH "L"                                           | CABLE TEMP. RANGE | JACKET COLOR | JACKET MATERIAL                                                                                          | TYPE             | POS.                                                                     | TE PN |
|                                                                                                                          |                                                                                                                                                                              |                                                      |                   |              |                                                                                                          |                  |                                                                          |       |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±-

2 PLC ±-

3 PLC ±-

4 PLC ±-

ANGLES ±2

FINISH

-

-

MATERIAL

-

-

DWN HAO WANG 11AUG2015

CHK KOBBY ZHAO 11AUG2015

APVD XIANG XU 11AUG2015

PRODUCT SPEC 108-106140

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME M12X1 RIGHT ANGLE PLUG, FREE END  
A-CODE,  
UNSHIELDED,

SIZE A2

CAGE CODE -

DRAWING NO C-T41512X00XX00X

RESTRICTED TO

SCALE 2:1

SHEET 1 OF 1

REV B

1471-9 (3/13)

# Mouser Electronics

Authorized Distributor

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[T4151220003-007](#)