

4

3

2

1

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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

34.95 REF.

"L"±0.05M

50 REF.

35±5

30.55 REF.

SW13

3

6

1

M12X1

TECHNICAL DATA

T41612X0002-00X

T41612X0003-00X

T41612X0004-00X

T41612X0005-00X

|                       |       |       |
|-----------------------|-------|-------|
| 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

|                 |                 |                 |
|-----------------|-----------------|-----------------|
| T41612X0002-00X | T41612X0003-00X | T41612X0004-00X |
|                 |                 |                 |
| T41612X0005-00X |                 |                 |
|                 |                 |                 |

WIRES: 0.34mm^2(22AWG)  
WIRE COLOR: WH/BR/BK/BL/GR  
OD: APPROX.5.0MM FOR 2P/3P  
APPROX.5.5MM FOR 4P  
APPROX.6.0MM FOR 5P

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

FIXED:  
-40°C~+80°C  
FLXIBLE:  
-25°C~+80°C

FIXED:  
-10°C~+80°C  
FLXIBLE:  
-5°C~+80°C

CABLE  
CHARACTERISTIC

LENGTH "L"

TEMPERATURE  
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 ±2  
FINISH

APVD  
XU

108-106140

WEIGHT

CUSTOMER DRAWING

DWN  
HAO WANG  
CHK  
BOBBY ZHAO  
APVD  
XU

13APR2016

13APR2016

13APR2016

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

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

SIZE  
A2

CAGE CODE  
-

DRAWING NO  
C-T41612X00XX00X

RESTRICTED TO  
-

SCALE  
2:1

SHEET  
1 OF 1

REV  
A

REVISIONS

| P | LTR | DESCRIPTION     | DATE      | DWN | APVD |
|---|-----|-----------------|-----------|-----|------|
|   | A   | INITIAL RELEASE | 13APR2016 | HW  | XX   |
|   |     |                 |           |     |      |
|   |     |                 |           |     |      |

NOTE:

1. STRIP AND RETAIN THE INSULATION

2. CODE POSITION

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...

注释:

1. 剥线并保留护套绝缘层

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,  
-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...

1471-9 (3/13)

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