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| REVISIONS | | | | |
|-----------|-----|--------------------------|-----------|-------|
| P | LTR | DESCRIPTION | DATE | APVD |
| A | | INITIAL RELEASE | 22SEP2019 | HW XX |
| A1 | | ECR-17-002485 ADD NEW PN | 04MAR2017 | BP CW |
| A2 | | ECR-17-005215 ADD NEW PN | 04APR2017 | GW CW |

Dimensions: 47.3 REF., 50 REF., 45.8 REF., "L"
 Cable length "L" tolerances:
 0m to 1m ±0.05m
 1m to 3m ±0.1m
 >3m ±1.5%

Callouts: 1, 2, 3, 4, 5, 6, 7, 8, 9

Pin Arrangements:
 Left: PIN 2-WHITE, PIN 1-BROWN, PIN 3-BLUE, PIN 5-GRAY, PIN 4-BLACK
 Right: PIN 2-WHITE, PIN 3-BLUE, PIN 1-BROWN, PIN 5-GRAY, PIN 4-BLACK

| ITEM | DESCRIPTION | MATERIAL | OTHERS |
|------|----------------|--------------|---------------|
| 1 | MALE CONTACT | COPPER ALLOY | FLASH GOLD |
| 2 | MALE HOUSING | NYLON | BLACK |
| 3 | MALE NUT | COPPER ALLOY | NICKEL PLATED |
| 4 | OVER-MOLDING | POLYURETHANE | BLUE |
| 5 | CABLE | - | - |
| 6 | LABEL | - | - |
| 7 | FEMALE NUT | COPPER ALLOY | NICKEL PLATED |
| 8 | FEMALE HOUSING | NYLON | BLACK |
| 9 | FEMALE CONTACT | COPPER ALLOY | FLASH GOLD |

| TABLE 1: TECHNICAL DATA | T41521X3002-00X | T41521X3003-00X | T41521X3004-00X | T41521X3005-00X |
|-------------------------|-----------------|-----------------|-----------------|-----------------|
| 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 | | | |

NOTE:

- △ TECHNICAL DATA: SEE TABLE 1
- △ CODE POSITION INDICATOR
- △ RECOMMENDED TORQUE 0.6 Nm
- △ -*: 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
- △ LABEL CONTAINS: PN, DATE CODE...
- △ -00X: FOR CABLE LENGTH, SEE TABLE 1 AND REFER TO LENGTH "L".

注释:

- △ 技术参数: 参考表1
- △ CODE位置指示
- △ 推荐扭矩0.6 Nm
- △ -*: 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
- △ 标签包含: 产品编号, 日期代码...
- △ -00X: 线缆长度, 参考表2, 参照长度"L"

| CABLE CHARACTERISTIC | LENGTH "L" | CABLE TEMP. RANGE | JACKET COLOR | JACKET MATERIAL | TYPE | POS. | TE PN SEE LENGTH "L" |
|--|---|------------------------------|--------------|-------------------------------|------|------------------|----------------------|
| WIRES: 0.34mm ² (22AWG) 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 CUSTOMIZATION: -**0:**.0 M -**5:**.5 M | FIXED: -10°C~+80°C FLXIBLE: -5°C~+80°C | GRAY | PVC (UL) | RPC-M12-5MS-**-△-M12-5FS-PVC1 | 5 | T4152173005-00X△ | |
| | | | | RPC-M12-4MS-**-△-M12-4FS-PVC1 | 4 | T4152173004-00X△ | |
| | | | | RPC-M12-3MS-**-△-M12-3FS-PVC1 | 3 | T4152173003-00X△ | |
| | | | | RPC-M12-2MS-**-△-M12-2FS-PVC1 | 2 | T4152173002-00X△ | |
| | | YELLOW | PUR(UL) | RPC-M12-3MS-**-△-M12-3FS-PUR2 | 3 | T4152183003-00X△ | |
| | | | | RPC-M12-5MS-**-△-M12-5FS-PUR | 5 | T4152123005-00X△ | |
| | | | | RPC-M12-4MS-**-△-M12-4FS-PUR | 4 | T4152123004-00X△ | |
| | | | | RPC-M12-3MS-**-△-M12-3FS-PUR | 3 | T4152123003-00X△ | |
| | | GRAY | PUR (UL) | RPC-M12-2MS-**-△-M12-2FS-PUR | 2 | T4152123002-00X△ | |
| | | | | RPC-M12-5MS-**-△-M12-5FS-PVC | 5 | T4152113005-00X△ | |
| | | | | RPC-M12-4MS-**-△-M12-4FS-PVC | 4 | T4152113004-00X△ | |
| | | | | RPC-M12-3MS-**-△-M12-3FS-PVC | 3 | T4152113003-00X△ | |
| BLACK | PVC (UL) | RPC-M12-2MS-**-△-M12-2FS-PVC | 2 | T4152113002-00X△ | | | |

PIN ARRANGEMENT A-CODE

| T41521X3002-00X | T41521X3003-00X | T41521X3004-00X | T41521X3005-00X |
|-----------------|-----------------|-----------------|-----------------|
| | | | |

THIS DRAWING IS A CONTROLLED DOCUMENT.

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|---|------------------------------|
| DWN HAO WANG 22SEP2016 | TE Connectivity |
| CHK KOBBY ZHAO 22SEP2016 | |
| APVD XIANG XU 22SEP2016 | |
| NAME M12X1 MALE STR. TO FEMALE STR. A-CODE, UNSHIELDED, | |
| PRODUCT SPEC 108-106140 | SIZE A2 |
| APPLICATION SPEC | CAGE CODE |
| WEIGHT | DRAWING NO. C-T41521X30XX00X |
| CUSTOMER DRAWING | RESTRICTED TO |
| SCALE 1:1 | SHEET 1 OF 1 |
| REV A2 | |

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