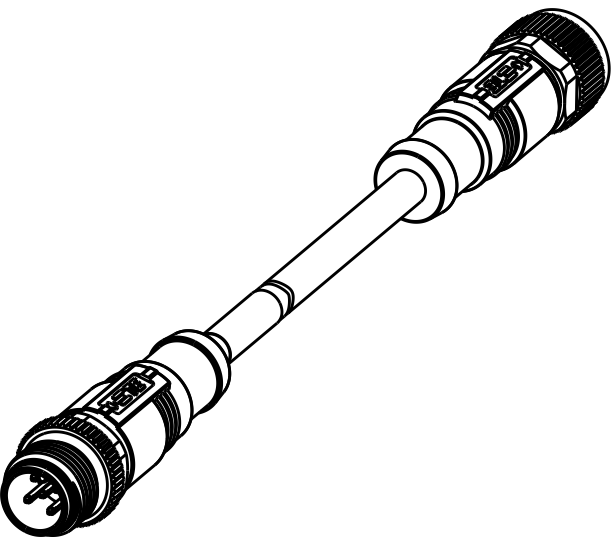
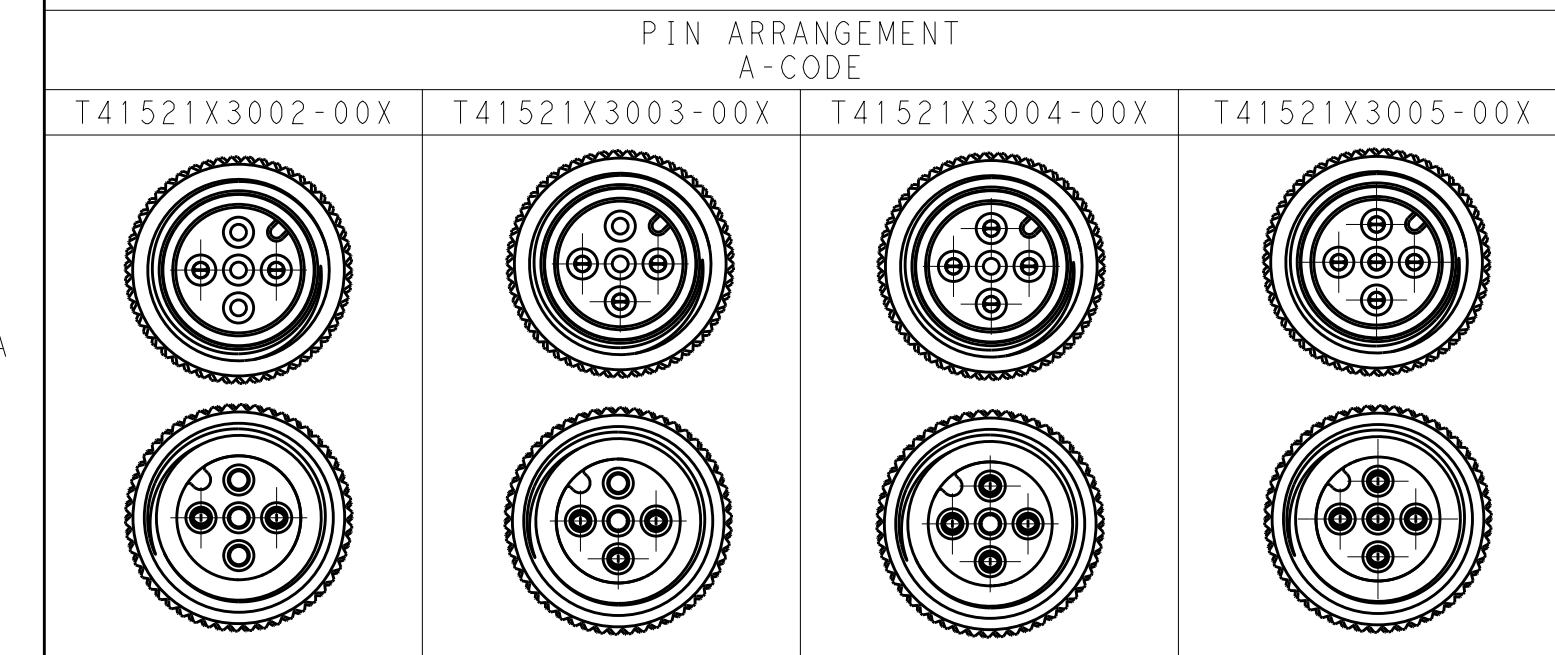


| ITEM | DESCRIPTION    | MATERIAL     | OTHERS        |
|------|----------------|--------------|---------------|
| 1    | MALE CONTACT   | COPPER ALLOY | FLASH GOLD    |
| 2    | MALE HOUSING   | NYLON        | BLACK         |
| 3    | MALE NUT       | COPPER ALLOY | NICKEL PLATED |
| 4    | OVER-MOLDING   | 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:<br>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            |                 |                 |                 |



|                                                                                                              |                                                                                                                                                              |                         |                 |                    |                              |      |                         |
|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------|--------------------|------------------------------|------|-------------------------|
| WIRES: 0.34mm^2(22AWG)<br>WIRE COLOR: WH/BR/BK/BL/GR<br>OD: APPROX.4.5MM FOR 2P/3P<br>APPROX.5.0MM FOR 4P/5P | STANDARD:<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>-**0:**.0 M<br>-**5:**.5 M | FIXED:<br>-10°C~+80°C   | GRAY            | PVC<br>(UL)        | RPC-M12-5MS-**△-M12-5FS-PVC1 | 5    | T4152173005-00X△        |
|                                                                                                              |                                                                                                                                                              | FLXIBLE:<br>-5°C~+80°C  | YELLOW          | PUR(UL)            | 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△        |
|                                                                                                              |                                                                                                                                                              |                         |                 |                    | RPC-M12-3MS-**△-M12-3FS-PUR2 | 3    | T4152183003-00X△        |
|                                                                                                              |                                                                                                                                                              | FIXED:<br>-40°C~+80°C   | GRAY            | PUR<br>(UL)        | 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△        |
|                                                                                                              |                                                                                                                                                              |                         |                 |                    | RPC-M12-2MS-**△-M12-2FS-PUR  | 2    | T4152123002-00X△        |
|                                                                                                              |                                                                                                                                                              | FLXIBLE:<br>-25°C~+80°C | BLACK           | PVC<br>(UL)        | 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△        |
| RPC-M12-2MS-**△-M12-2FS-PVC                                                                                  | 2                                                                                                                                                            |                         |                 |                    | T4152113002-00X△             |      |                         |
| CABLE<br>CHARACTERISTIC                                                                                      | LENGTH "L"                                                                                                                                                   | CABLE<br>TEMP. RANGE    | JACKET<br>COLOR | JACKET<br>MATERIAL | TYPE                         | POS. | TE PN<br>SEE LENGTH "L" |

|                                        |  |                                                                       |  |  |                                                                  |                               |  |  |
|----------------------------------------|--|-----------------------------------------------------------------------|--|--|------------------------------------------------------------------|-------------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  |                                                                       |  |  | DWN<br>HAO WANG<br>22SEP2016                                     | <div>TE</div> TE Connectivity |  |  |
|                                        |  |                                                                       |  |  | CHK<br>KOBBY ZHAO<br>22SEP2016                                   |                               |  |  |
|                                        |  |                                                                       |  |  | APVD<br>XIANG XU<br>22SEP2016                                    |                               |  |  |
|                                        |  |                                                                       |  |  | PRODUCT SPEC                                                     |                               |  |  |
| DIMENSIONS:<br>mm                      |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                             |  |  | NAME<br>M12X1 MALE STR. TO FEMALE STR.<br>A-CODE,<br>UNSHIELDED, |                               |  |  |
|                                        |  | 0 PLC ±-<br>1 PLC ±-<br>2 PLC ±-<br>3 PLC ±-<br>4 PLC ±-<br>ANGLES ±- |  |  | APPLICATION SPEC                                                 |                               |  |  |
| MATERIAL                               |  | FINISH                                                                |  |  | SIZE<br>A2                                                       |                               |  |  |
| -                                      |  | -                                                                     |  |  | CAGE CODE<br>-                                                   |                               |  |  |
| -                                      |  | -                                                                     |  |  | DRAWING NO<br>C-T41521X30XX00X                                   |                               |  |  |
| CUSTOMER DRAWING                       |  |                                                                       |  |  | RESTRICTED TO<br>-                                               |                               |  |  |
|                                        |  |                                                                       |  |  | SCALE 1:1                                                        |                               |  |  |
|                                        |  |                                                                       |  |  | SHEET 1 OF 1                                                     |                               |  |  |
|                                        |  |                                                                       |  |  | REV A2                                                           |                               |  |  |

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