

D

C

B

A

4

3

2

1

© 2021 TE Connectivity. All Rights Reserved.

| ITEM | DESCRIPTION         | MATERIAL     | COMMENTS                           |
|------|---------------------|--------------|------------------------------------|
| 1    | MALE POWER CONTACT  | COPPER ALLOY | 0.76um GOLD PLATED TO CONTACT AREA |
| 2    | MALE SIGNAL CONTACT | COPPER ALLOY | 0.76um GOLD PLATED TO CONTACT AREA |
| 3    | PLASTIC INSERT      | NYLON        | BLACK                              |
| 4    | MALE METAL BODY     | ZINC ALLOY   | NICKEL PLATED                      |
| 5    | NUT                 | COPPER ALLOY | NICKEL PLATED                      |
| 6    | OVER-MOLDING HANDLE | POLYAMIDE    | BLACK                              |
| 7    | LABEL               | -            | -                                  |
| 8    | SPE CABLE           | PUR JACKET   | BLACK                              |

| REVISIONS |     |                 |           |     |      |
|-----------|-----|-----------------|-----------|-----|------|
| P         | LTR | DESCRIPTION     | DATE      | DWN | APVD |
|           | A   | INITIAL RELEASE | 12AUG2021 | HH  | CW   |
|           |     |                 |           |     |      |
|           |     |                 |           |     |      |

D

C

B

A

Printed on 12 Aug 2021 17:32 (China Standard Time) from IE342765

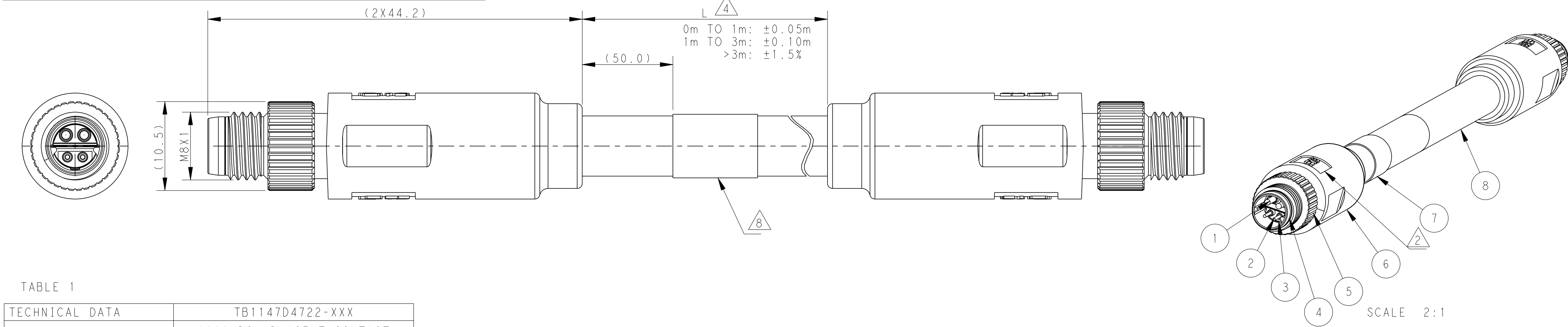
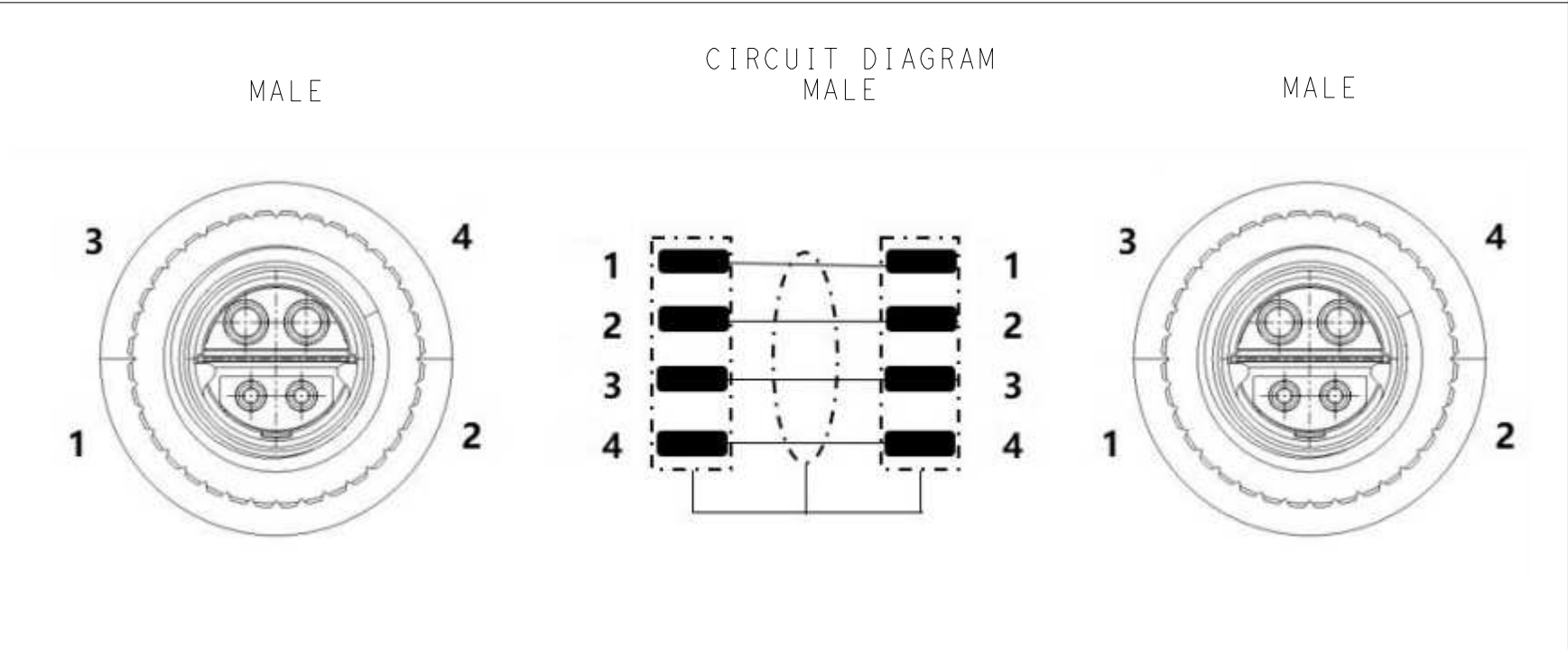


TABLE 1

| TECHNICAL DATA                          | TB1147D4722-XXX                                           |
|-----------------------------------------|-----------------------------------------------------------|
| VOLTAGE PROOF                           | 1000VDC(ADJACENT CONTACT)<br>2250VDC(CONTACT TO SHIELDED) |
| RATED VOLTAGE                           | 60VDC MAX.                                                |
| RATED CURRENT                           | 8A MAX.(POWER PIN)<br>4A MAX.(SIGNAL PIN)                 |
| OVERVOLTAGE CATEGORY                    | II                                                        |
| MATERIAL GROUP                          | I                                                         |
| DEGREE OF PROTECTION (MATING CONDITION) | IP67                                                      |
| TEMPERATURE RATING                      | -40°C~85°C                                                |

| CONTACT ARRANGEMENT                                       |  |
|-----------------------------------------------------------|--|
| 1-BLUE WIRE<br>1-WHITE WIRE<br>3-RED WIRE<br>4-BLACK WIRE |  |



NOTES:

1. TECHNICAL DATA: SEE TABLE 1
2. LOGO AREA.
3. RECOMMENDED TORQUE:0.4Nm
4. -XXX REFER TO LENGTH "L"
5. 100% OPEN AND SHORT CIRCUIT TEST
6. CABLE ASSEMBLY TO BE PACKED IN POLYBAGS.
7. PRODUCT COMPLIES WITH IEC 63171-6 ED2
8. LABEL CONTAINS:PN AND DATE CODE
9. PRODUCT COMPLIES WITH ROHS AND REACH.

|                                                                                                |                                                                                                                      |                 |                    |                                                                                         |                            |      |                 |
|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|-----------------------------------------------------------------------------------------|----------------------------|------|-----------------|
| SPE CABLE:<br>WIRES:2X22AWG+2X18AWG<br>WIRE COLOR:<br>BLUE/WHITE/BLACK/RED<br>OD: APPROX.7.1MM | TYPICAL LENGTH:<br>-001: 0.5m<br>-002: 1.0m<br>-004: 3.0m<br>-005: 5.0m<br>-007: 10.0m<br>-150: 15.0m<br>-400: 40.0m | BLACK           | PUR                | SPE T1 INDUSTRIAL<br>M8 HYBRID IP67<br>CABEL ASSEMBLY,<br>MALE, STRAIGHT,<br>DOUBLE END | RPC-M8-MS-MS-4CON-PUR-**SH | 4    | TB1147D4722-XXX |
| CABLE CHARACTERISTIC                                                                           | LENGHT"L "                                                                                                           | JACKET<br>COLOR | JACKET<br>MATERIAL | DESCRIPTION                                                                             | TYPE                       | POS. | PART NUMBER     |

|                                                                                 |  |                                                                               |                                                                                        |  |  |  |                    |
|---------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--|--|--|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                          |  | DWN<br>HE HART<br>01JUL2020                                                   | TE Connectivity                                                                        |  |  |  |                    |
| DIMENSIONS:<br>mm                                                               |  | CHK<br>WANG CHRIS<br>01JUL2020                                                |                                                                                        |  |  |  |                    |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                          |  | APVD<br>WANG CHRIS<br>01JUL2020                                               | NAME<br>SPE T1 INDUSTRIAL M8 HYBRID<br>IP67 CABLE ASSEMBLY,MALE<br>STRAIGHT,DOUBLE END |  |  |  |                    |
| 0 PLC ±:<br>1 PLC ±:<br>2 PLC ±:<br>3 PLC ±:<br>4 PLC ±:<br>ANGLES ±:<br>FINISH |  | PRODUCT SPEC<br>108-137521<br>APPLICATION SPEC<br>114-137144-1<br>WEIGHT<br>- | SIZE<br>A200779                                                                        |  |  |  |                    |
| MATERIAL<br>-                                                                   |  | DRAWING NO<br>TB1147D4722XXX                                                  |                                                                                        |  |  |  | RESTRICTED TO<br>A |
| -                                                                               |  | CUSTOMER DRAWING                                                              |                                                                                        |  |  |  | SCALE<br>3:1       |
|                                                                                 |  | SHEET<br>1 OF 1                                                               |                                                                                        |  |  |  | REV<br>A           |