

D

C

B

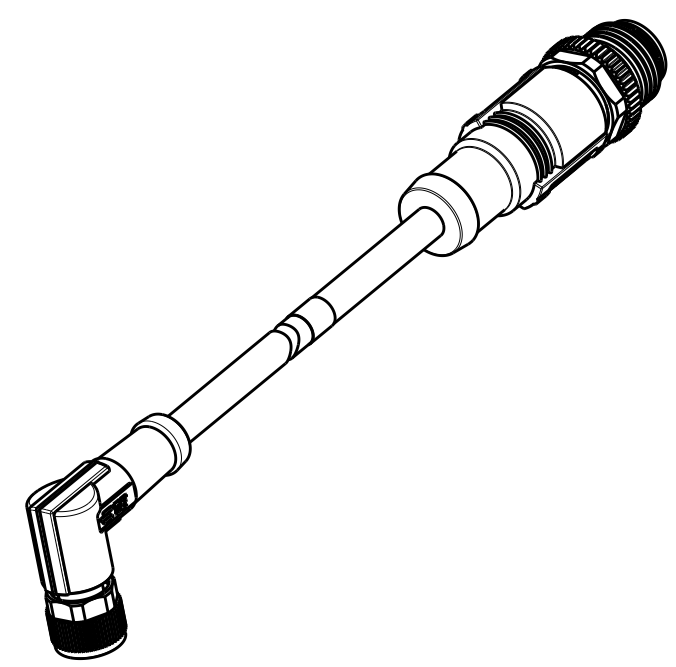
A

D

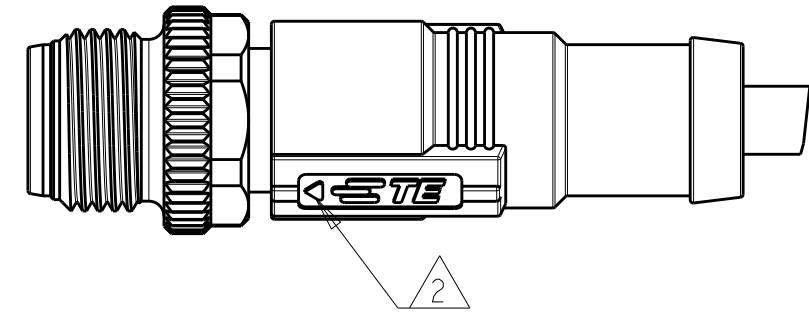
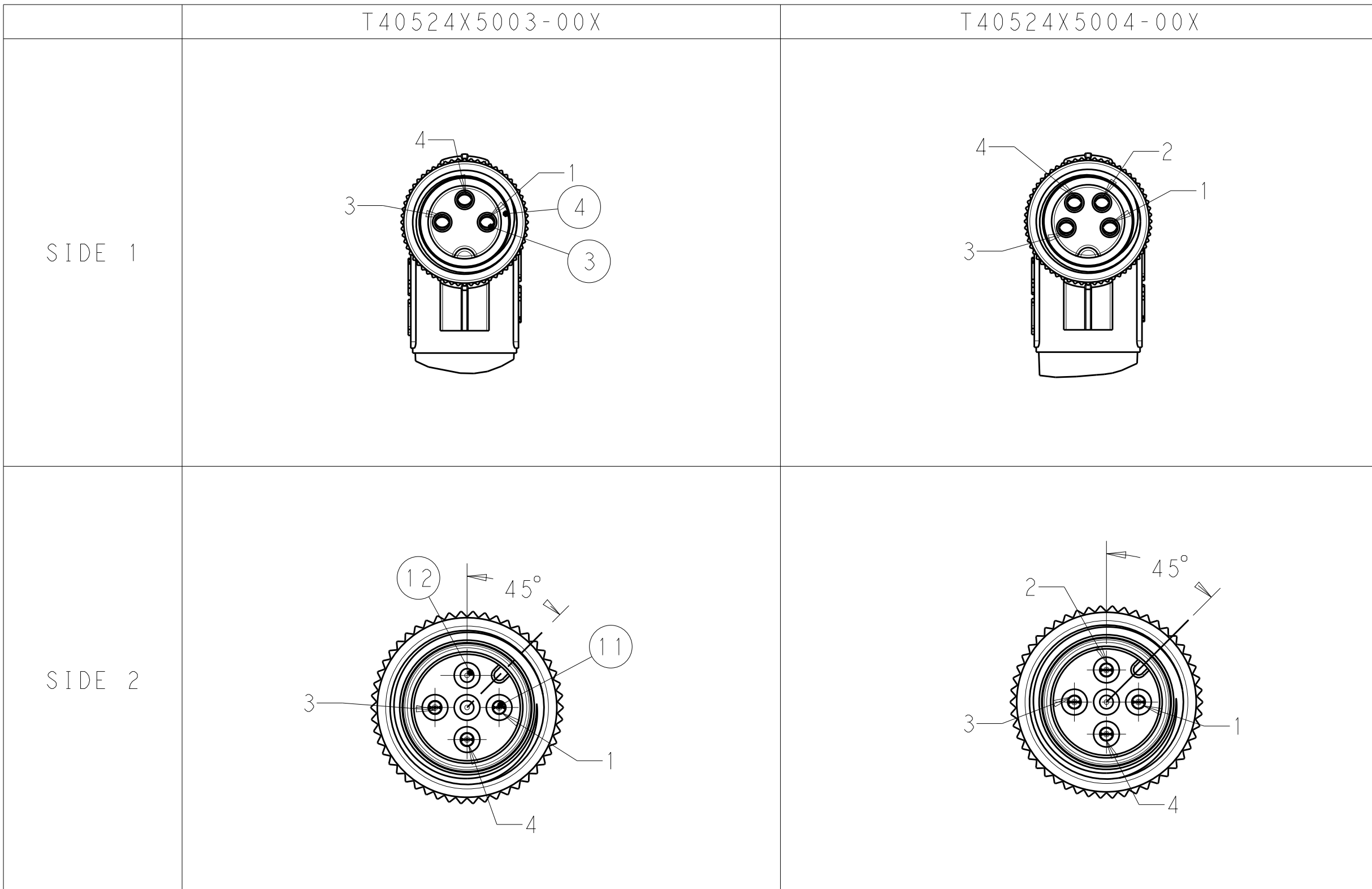
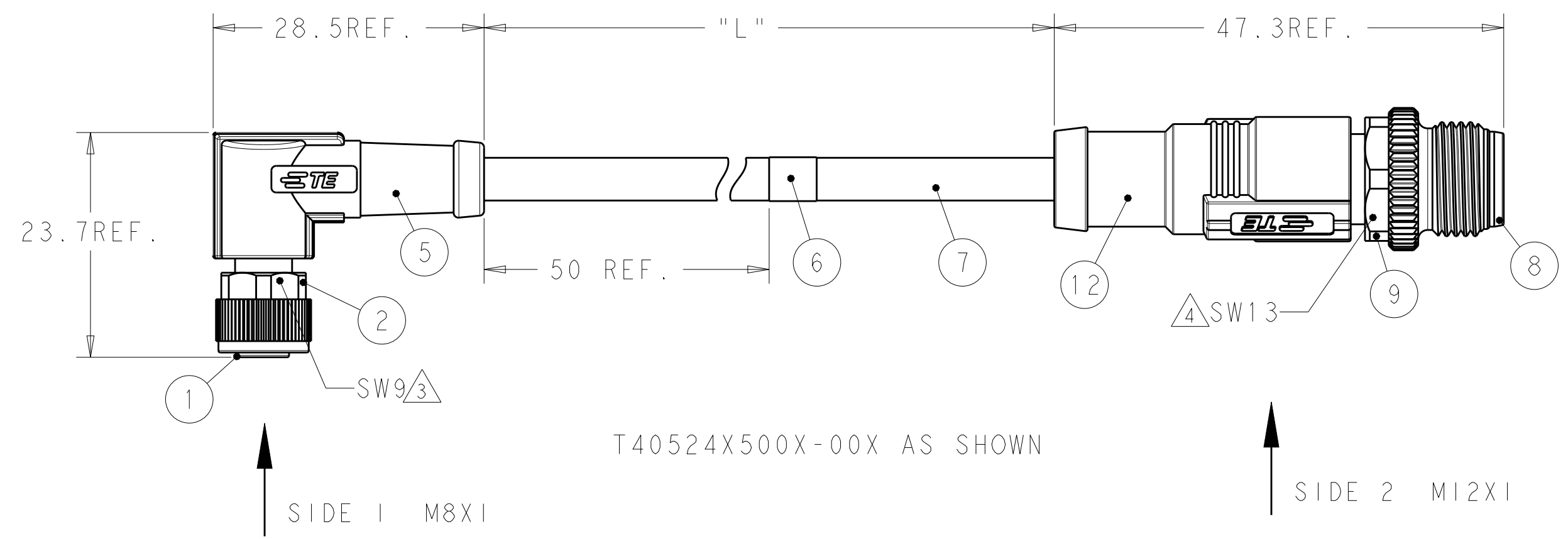
C

B

A



SCALE 1:1



|                                        |  |                                                                                 |                                                                   |                          |  |      |  |                  |                  |               |           |              |       |
|----------------------------------------|--|---------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------|--|------|--|------------------|------------------|---------------|-----------|--------------|-------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>ALEX ZHANG<br>31JUL2018                                                  | TE Connectivity                                                   |                          |  |      |  |                  |                  |               |           |              |       |
|                                        |  | CHK<br>HART HE<br>31JUL2018                                                     |                                                                   |                          |  |      |  |                  |                  |               |           |              |       |
|                                        |  | APVD<br>CHRIS WANG<br>31JUL2018                                                 | NAME<br>CABLE JUMPER, UNSHIELDED<br>M8 FR TO M12 MS OR MR, A-CODE |                          |  |      |  |                  |                  |               |           |              |       |
| DIMENSIONS:                            |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                          |                                                                   | PRODUCT SPEC             |  | SIZE |  | CAGE CODE        | DRAWING NO       | RESTRICTED TO |           |              |       |
| mm                                     |  | 0 PLC ±-<br>1 PLC ±-<br>2 PLC ±-<br>3 PLC ±-<br>4 PLC ±-<br>ANGLES ±-<br>FINISH |                                                                   | 108-106140<br>114-137144 |  | A2   |  | -                | ©-T40524XX00XXXX | -             |           |              |       |
| MATERIAL                               |  | -                                                                               |                                                                   | WEIGHT                   |  | -    |  | CUSTOMER DRAWING |                  |               | SCALE 1:1 | SHEET 1 OF 3 | REV A |

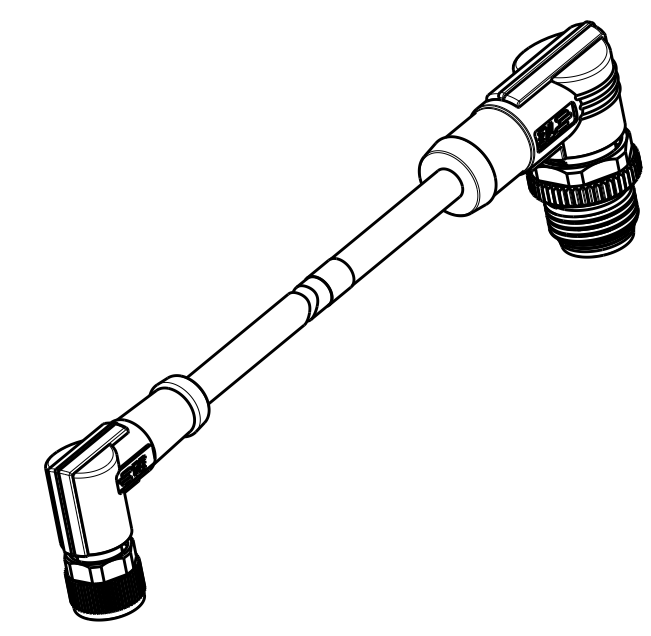
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RELEASED FOR PUBLICATION

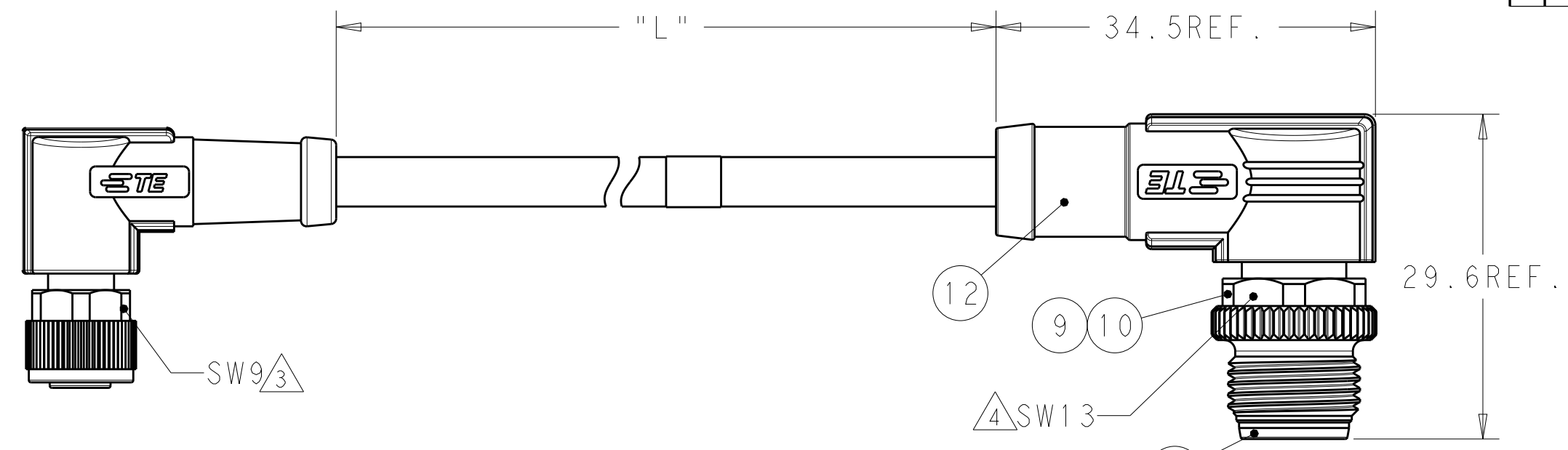
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| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |



SCALE 1:1



↑  
SIDE 1 M8X1

T40524X600X-00X AS SHOWN

↑  
SIDE 2 M12X1

|        | T40524X6003-00X | T40524X6004-00X |
|--------|-----------------|-----------------|
| SIDE 1 |                 |                 |
| SIDE 2 |                 |                 |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
ALEX ZHANG  
31JUL2018

CHK  
HART HE  
31JUL2018

APVD  
CHRIS WANG  
31JUL2018

TE Connectivity

CABLE JUMPER, UNSHIELDED  
M8 FR TO M12 MS OR MR, A-CODE

PRODUCT SPEC  
108-106140

APPLICATION SPEC  
114-137144

WEIGHT  
-

CUSTOMER DRAWING

NAME

SIZE  
A2

CAGE CODE  
-

DRAWING NO  
C-T40524XX00XXXX

RESTRICTED TO  
-

SCALE  
1:1

SHEET  
2 OF 3

REV  
A

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TABLE 1

|                      |                 |                 |                 |                 |                 |                 |                 |                 |
|----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| TECHNICAL DATA       | T4052415003-00X | T4052425003-00X | T4052416003-00X | T4052426003-00X | T4052415004-00X | T4052425004-00X | T4052416004-00X | T4052426004-00X |
| RATED VOLTAGE        | 60V             |                 |                 |                 | 30V             |                 |                 |                 |
| RATED CURRENT        | 3A              |                 |                 |                 |                 |                 |                 |                 |
| POLLUTION DEGREE     | 3               |                 |                 |                 |                 |                 |                 |                 |
| OVERVOLTAGE CATEGORY | II              |                 |                 |                 |                 |                 |                 |                 |
| MATERIAL GROUP       | II              |                 |                 |                 |                 |                 |                 |                 |
| DEGREE OF PROTECTION | IP67            |                 |                 |                 |                 |                 |                 |                 |

TABLE 2

|                                                                                                               |                                                                                                                                                                                                                           |                                                |              |                 |                           |                 |                    |
|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------|-----------------|---------------------------|-----------------|--------------------|
| WIRES: 0.25mm <sup>2</sup><br>(24AWG)<br>WIRE COLOR: 1-BROWN, 2-WHITE,<br>3-BLUE, 4-BLACK<br>OD: APROX. 5.0MM | STANDARD:<br>-001: 0.5m<br>-002: 1.0m<br>-003: 1.5m<br>-004: 3.0m<br>-005: 5.0m<br>-006: 7.0m<br>-007: 10.0m<br>CUSTOMIZATION:<br>-99X:<1.0M<br>-XXX:>1.0M<br>-AAX:99.XM<br>EXAMPLE: -035=3.5M<br>-150=15.0M<br>-994=0.4M | FIXED:<br>-40°C~80°C<br>FLXIBLE:<br>-25°C~80°C | GRAY         | PUR<br>(UL)     | RPC-M8-4FR-**-M12-4MR-PUR | 4               | T4052426004-00X    |
|                                                                                                               |                                                                                                                                                                                                                           |                                                |              |                 | RPC-M8-4FR-**-M12-4MS-PUR | 4               | T4052425004-00X    |
|                                                                                                               |                                                                                                                                                                                                                           |                                                |              |                 | RPC-M8-3FR-**-M12-3MR-PUR | 3               | T4052426003-00X    |
|                                                                                                               |                                                                                                                                                                                                                           |                                                |              |                 | RPC-M8-3FR-**-M12-3MS-PUR | 3               | T4052425003-00X    |
| WIRES: 0.25mm <sup>2</sup><br>(24AWG)<br>WIRE COLOR: 1-BROWN, 3-BLUE,<br>4-BLACK<br>OD: APROX. 4.5MM          | TOLERANCE:<br>0m TO 1m: ±0.05m<br>1m TO 3m: ±0.1m<br>>3m: ±1.5%                                                                                                                                                           | FIXED:<br>-10°C~80°C<br>FLXIBLE:<br>-5°C~80°C  | BLACK        | PVC<br>(UL)     | RPC-M8-4FR-**-M12-4MR-PVC | 4               | T4052416004-00X    |
| RPC-M8-4FR-**-M12-4MS-PVC                                                                                     |                                                                                                                                                                                                                           |                                                |              |                 | 4                         | T4052415004-00X |                    |
| RPC-M8-3FR-**-M12-3MR-PVC                                                                                     |                                                                                                                                                                                                                           |                                                |              |                 | 3                         | T4052416003-00X |                    |
| RPC-M8-3FR-**-M12-3MS-PVC                                                                                     |                                                                                                                                                                                                                           |                                                |              |                 | 3                         | T4052415003-00X |                    |
| CABLE CHARACTERISTIC                                                                                          | LENGTH "L"                                                                                                                                                                                                                | CABLE TEMP. RANGE                              | JACKET COLOR | JACKET MATERIAL | TYPE                      | △7              | POS. PART NUMBER△6 |

NOTES:

1. TECHNICAL DATA: SEE TABLE 1

△2 CODE POSITION INDICATOR

△3 RECOMMEND TORQUE 0.4Nm

△4 RECOMMEND TORQUE 0.6Nm

△5 TE LABEL AREA.INCLUDING PN,DATE CODE...

△6 -00X: FOR CABLE LENGHT,SEE TABLE 2 AND REFFER TO LENGTH "L"

△7 -\*\* :CABLE LENGTH,-0.5:0.5M;-1.0:1.0M;-1.5:1.5M

8. CABLE ASSEMBLY TO BE PACKAGED IN POLYBAGS;

WIRING DIAGRAM

|          |           |            |
|----------|-----------|------------|
| POLE NO. | M8 A CODE | M12 A CODE |
| 1        | BROWN     | BROWN      |
| 2        | WHITE     | WHITE      |
| 3        | BLUE      | BLUE       |
| 4        | BLACK     | BLACK      |

TE Connectivity

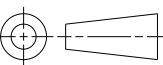
CABLE JUMPER,UNSHIELDED  
M8 FR TO M12 MS OR MR,A-CODE

SIZE: A2CAGE CODE: -DRAWING NO: T40524XX00XXXXRESTRICTED TO: -

SCALE: 1:1SHEET: 3 OF 3REV: A

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-  
1 PLC ±-  
2 PLC ±-  
3 PLC ±-  
4 PLC ±-  
ANGLES ±-  
FINISH -

DWN: ALEX ZHANG 31JUL2018  
CHK: HART HE 31JUL2018  
APVD: CHRIS WANG 31JUL2018

PRODUCT SPEC: 108-106140  
APPLICATION SPEC: 114-137144  
WEIGHT: -  
CUSTOMER DRAWING

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
| - | -   | SEE SHEET 1 | -    | -   | -    |
|   |     |             |      |     |      |
|   |     |             |      |     |      |
|   |     |             |      |     |      |

注意事项

1. 技术参数：见表1

△2. CODE 位置指示；

△3. 推荐扭矩0.4 Nm；

△4. 推荐扭矩0.6 Nm；

△5. TE 标签位置 包含产品编号 日期代码。。。；

△6. -00X：线长参考表2 参照长度"L"

△7. -\*\*：线长，-0.5:0.5M;-1.0:1.0M;-1.5:1.5M

8. 线缆组件塑料袋包装；

1471-9 (3/13)

4

3

2

1

# Mouser Electronics

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