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PROJECT

PRJ-14-000004825

PART NO.

X-2322421-X

DESCRIPTION

M12 A-8 CODE CABLE ASSY. (PLUG-PLUG) CAT 7

CUSTOMER

GENERAL MARKET

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M12 A-8-CODE CABLE ASSEMBLY  
(STRAIGHT CONNECTOR)

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M12 A-8-CODE CABLE ASSEMBLY  
(STRAIGHT CONNECTOR)

| SL.NO | CODE    | ASSY. PART NO. | M12 CONNECTOR PART NO.    | DESCRIPTION                                   | CABLE TYPE        | CABLE PART NO. | CABLE LENGTH "L" IN "m" | NO. OF POSITIONS |
|-------|---------|----------------|---------------------------|-----------------------------------------------|-------------------|----------------|-------------------------|------------------|
| 1     | A8-CODE | 2322421-1      | 1-2823449-6<br>(STRAIGHT) | M12A-8-M CABLE ASSY. (PLUG-PLUG) 1M CABLE     | TE CAT 7<br>CABLE | 2297799-1      | 1.0                     | 8                |
| 2     | A8-CODE | 2322421-2      |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 1.5M CABLE  |                   |                | 1.5                     | 8                |
| 3     | A8-CODE | 2322421-3      |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 2M CABLE    |                   |                | 2.0                     | 8                |
| 4     | A8-CODE | 2322421-4      |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 2.5M CABLE  |                   |                | 2.5                     | 8                |
| 5     | A8-CODE | 2322421-5      |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 3M CABLE    |                   |                | 3.0                     | 8                |
| 6     | A8-CODE | 2322421-6      |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 3.5M CABLE  |                   |                | 3.5                     | 8                |
| 7     | A8-CODE | 2322421-7      |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 4M CABLE    |                   |                | 4.0                     | 8                |
| 8     | A8-CODE | 2322421-8      |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 4.5M CABLE  |                   |                | 4.5                     | 8                |
| 9     | A8-CODE | 2322421-9      |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 5M CABLE    |                   |                | 5.0                     | 8                |
| 10    | A8-CODE | 1-2322421-0    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 5.5M CABLE  |                   |                | 5.5                     | 8                |
| 11    | A8-CODE | 1-2322421-1    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 6M CABLE    |                   |                | 6.0                     | 8                |
| 12    | A8-CODE | 1-2322421-2    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 6.5M CABLE  |                   |                | 6.5                     | 8                |
| 13    | A8-CODE | 1-2322421-3    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 7M CABLE    |                   |                | 7.0                     | 8                |
| 14    | A8-CODE | 1-2322421-4    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 7.5M CABLE  |                   |                | 7.5                     | 8                |
| 15    | A8-CODE | 1-2322421-5    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 8M CABLE    |                   |                | 8.0                     | 8                |
| 16    | A8-CODE | 1-2322421-6    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 8.5M CABLE  |                   |                | 8.5                     | 8                |
| 17    | A8-CODE | 1-2322421-7    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 9M CABLE    |                   |                | 9.0                     | 8                |
| 18    | A8-CODE | 1-2322421-8    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 9.5M CABLE  |                   |                | 9.5                     | 8                |
| 19    | A8-CODE | 1-2322421-9    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 10M CABLE   |                   |                | 10.0                    | 8                |
| 20    | A8-CODE | 2-2322421-0    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 10.5M CABLE |                   |                | 10.5                    | 8                |
| 21    | A8-CODE | 2-2322421-1    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 11M CABLE   |                   |                | 11.0                    | 8                |
| 22    | A8-CODE | 2-2322421-2    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 11.5M CABLE |                   |                | 11.5                    | 8                |
| 23    | A8-CODE | 2-2322421-3    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 12M CABLE   |                   |                | 12.0                    | 8                |
| 24    | A8-CODE | 2-2322421-4    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 12.5M CABLE |                   |                | 12.5                    | 8                |
| 25    | A8-CODE | 2-2322421-5    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 13M CABLE   |                   |                | 13.0                    | 8                |
| 26    | A8-CODE | 2-2322421-6    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 13.5M CABLE |                   |                | 13.5                    | 8                |
| 27    | A8-CODE | 2-2322421-7    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 14M CABLE   |                   |                | 14.0                    | 8                |
| 28    | A8-CODE | 2-2322421-8    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 14.5M CABLE |                   |                | 14.5                    | 8                |
| 29    | A8-CODE | 2-2322421-9    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 15M CABLE   |                   |                | 15.0                    | 8                |
| 30    | A8-CODE | 3-2322421-0    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 15.5M CABLE |                   |                | 15.5                    | 8                |
| 31    | A8-CODE | 3-2322421-1    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 16M CABLE   |                   |                | 16.0                    | 8                |
| 32    | A8-CODE | 3-2322421-2    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 16.5M CABLE |                   |                | 16.5                    | 8                |
| 33    | A8-CODE | 3-2322421-3    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 17M CABLE   |                   |                | 17.0                    | 8                |
| 34    | A8-CODE | 3-2322421-4    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 17.5M CABLE |                   |                | 17.5                    | 8                |
| 35    | A8-CODE | 3-2322421-5    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 18M CABLE   |                   |                | 18.0                    | 8                |
| 36    | A8-CODE | 3-2322421-6    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 18.5M CABLE |                   |                | 18.5                    | 8                |
| 37    | A8-CODE | 3-2322421-7    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 19M CABLE   |                   |                | 19.0                    | 8                |
| 38    | A8-CODE | 3-2322421-8    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 19.5M CABLE |                   |                | 19.5                    | 8                |
| 39    | A8-CODE | 3-2322421-9    |                           | M12 A-8-M CABLE ASSY. (PLUG-PLUG) 20M CABLE   |                   |                | 20.0                    | 8                |

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M12 A-8-CODE CABLE ASSEMBLY  
(STRAIGHT CONNECTOR)

| WIRING TABLE |  |              |  |     |
|--------------|--|--------------|--|-----|
| PIN          |  | 568-B WIRING |  | PIN |
| 1            |  | WHITE ORANGE |  | 1   |
| 2            |  | ORANGE       |  | 2   |
| 3            |  | WHITE GREEN  |  | 3   |
| 4            |  | BLUE         |  | 4   |
| 5            |  | WHITE BLUE   |  | 5   |
| 6            |  | GREEN        |  | 6   |
| 7            |  | WHITE BROWN  |  | 7   |
| 8            |  | BROWN        |  | 8   |

SECTIONAL  
PICTORIAL VIEW OF  
THE CABLE

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M12 A-8-CODE CABLE ASSEMBLY  
(STRAIGHT CONNECTOR)

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M12 A-8-CODE CABLE ASSEMBLY  
(STRAIGHT CONNECTOR)

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M12 A-8-CODE CABLE ASSEMBLY  
(STRAIGHT CONNECTOR)

| SL.NO. | PART NO.    | DESCRIPTION                    | QTY                   |
|--------|-------------|--------------------------------|-----------------------|
| 1      | 1-2823449-6 | M12 A-CODED M-8 MALE CONNECTOR | 2                     |
| 2      | 2297799-1   | TE CAT 7 CABLE (COLOR: BLUE)   | METER<br>(REF. TABLE) |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

MATERIAL -

FINISH -

DWN 12JUL2017  
CHK 12JUL2017  
APVD 12JUL2017  
E. STELLINGA

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

M12 A-8-M CODE CABLE ASSEMBLY CAT 7  
(PLUG-PLUG)

SIZE A2 CAGE CODE 00779 C=2322421

SCALE NTS SHEET 1 OF 1 REV A

1471-9 (1/15)

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