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| REVISIONS | | | | | |
|---|---|---|---|---|---|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | B | REVISED PER PCN-23-192205 | 06FEB2024 | RK | CB |
| | B1 | REVISED PER PCN-24-210159 | 22MAY2024 | PS | CB |
| | B2 | REVISED PER PCN-24-226098 | 20NOV2024 | PS | CB |
| | B3 | REVISED PER PCN-25-254987 | 08SEP2025 | AP | AJ |

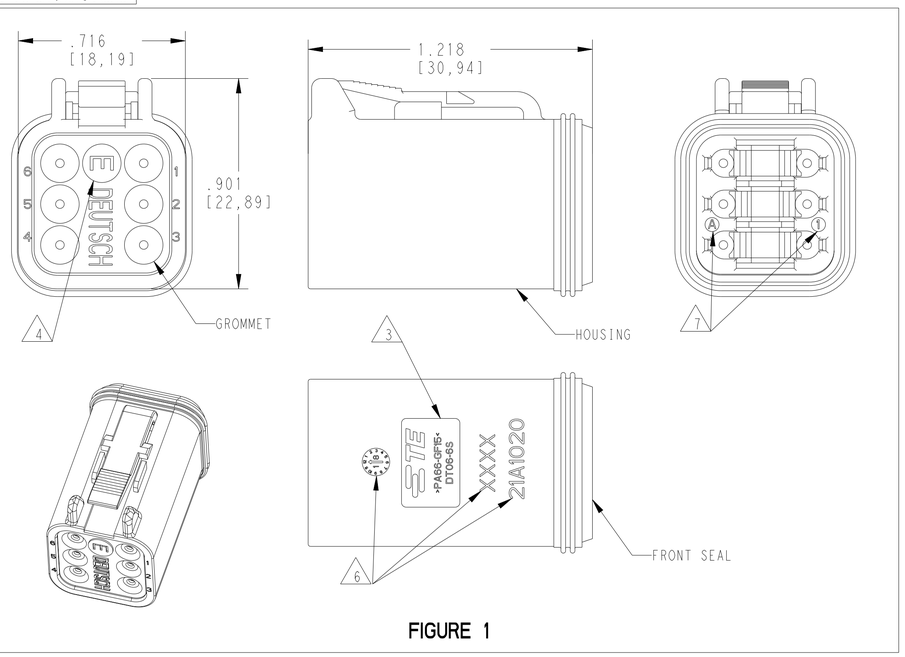



FIGURE 1

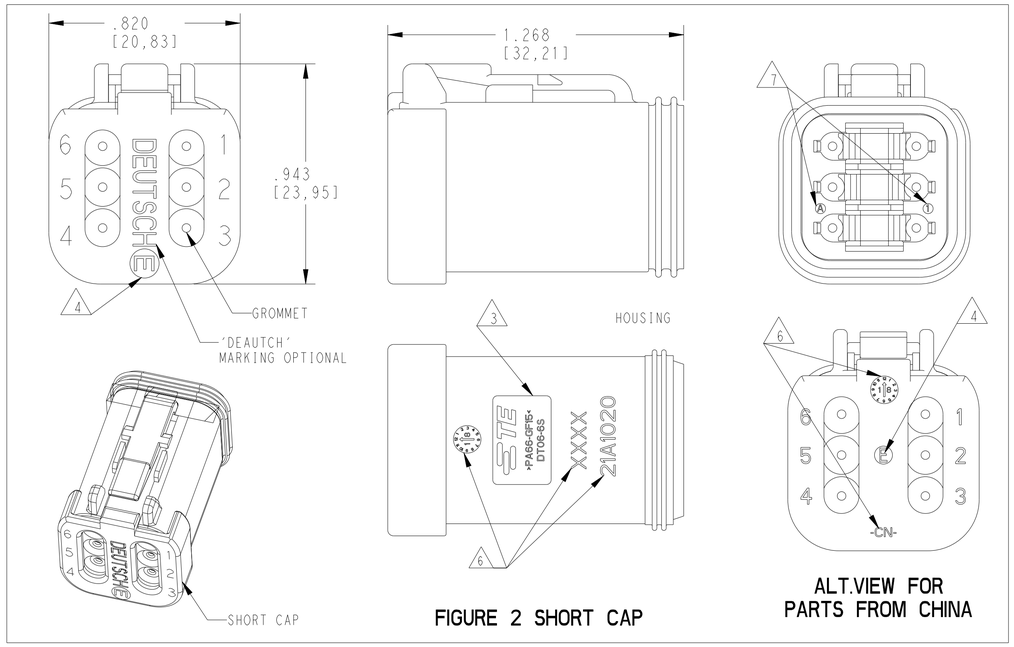



FIGURE 2 SHORT CAP

ALT.VIEW FOR
PARTS FROM CHINA

| CONTACT SIZE | WIRE RANGE | INSULATION OD SEALING RANGE | SEAL IDENTIFICATION |
|---|---|---|---|
| 16 | 14-20 AWG [2.5-0.5 mm ] | .088-.145 [2.23-3.68] | STANDARD SEAL |
| | | .053-.120 [1.35-3.05] | EATRA THIN SEAL E-SEAL |

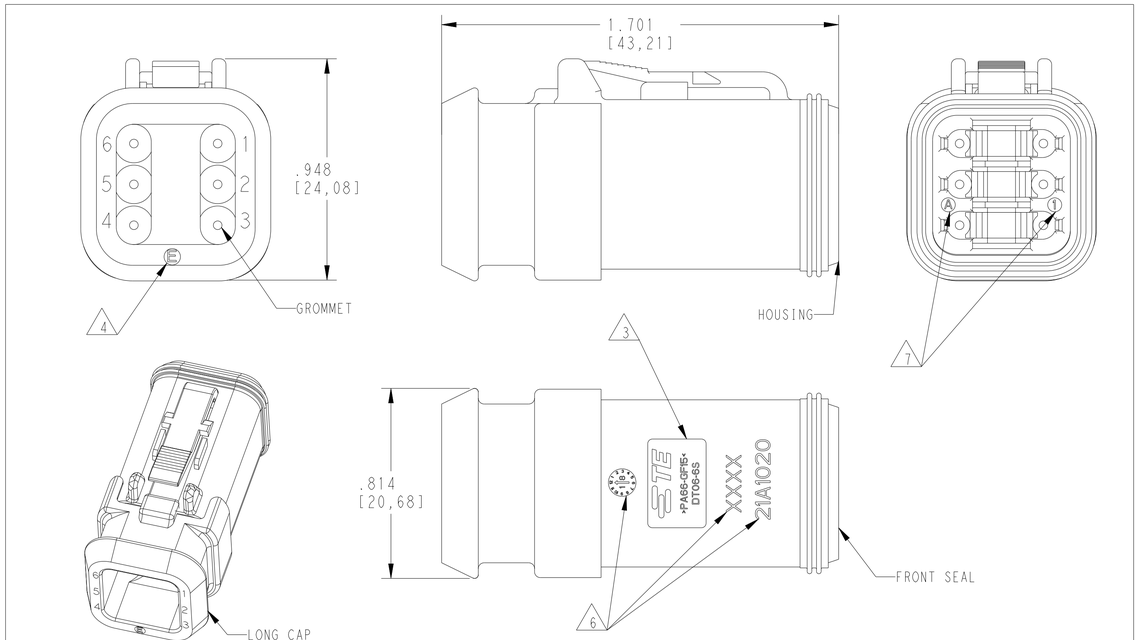



FIGURE 3
LONG CAP

| TE INTERNA PART NUMBER | DEUTSCH PART NUMBER | PN REV | HOUSING COLOR | STANDARD SEAL | EXTRA THIN SEAL E-SEAL GROMMET | BLOCKED SEAL ⚠11 | SHORT CAP | LONG CAP | FIGURE |
|---|---|---|---|---|---|---|---|---|---|
| DT06-6S | DT06-6S | A | GRAY | X | | | | | 1 |
| DT06-6S-C015 | DT06-6S-C015 | B | GRAY | | X | | | | 1 |
| DT06-6S-C017 | DT06-6S-C017 | B | GRAY | | | X | X | | 2 |
| DT06-6S-CE01 | DT06-6S-CE01 | C | GRAY | | X | | X | | 2 |
| DT06-6S-CE02 | DT06-6S-CE02 | B | BLACK | | X | | | | 1 |
| DT06-6S-CE03 | DT06-6S-CE03 | B | BLACK | | X | | X | | 2 |
| DT06-6S-CE04 | DT06-6S-CE04 | B | GRAY | | X | | | X | 3 |
| DT06-6S-CE05 | DT06-6S-CE05 | C | BLACK | | X | | X | | 2 |
| DT06-6S-CE06 | DT06-6S-CE06 | B | BLACK | | X | | | | 1 |
| DT06-6S-CE11 | DT06-6S-CE11 | A | BLACK | | X | | X | | 2 |
| DT06-6S-CE13 | DT06-6S-CE13 | B | BLACK | | X | | | X | 3 |
| DT06-6S-E003 | DT06-6S-E003 | B | GRAY | X | | | X | | 2 |
| DT06-6S-E004 | DT06-6S-E004 | A | BLACK | X | | | | | 1 |
| DT06-6S-E005 | DT06-6S-E005 | A | BLACK | X | | | X | | 2 |
| DT06-6S-E008 | DT06-6S-E008 | B | GRAY | X | | | | X | 3 |
| DT06-6S-EP04 | DT06-6S-EP04 | C | GRAY | X | | | X | | 2 |
| DT06-6S-EP06 | DT06-6S-EP06 | B | BLACK | X | | | X | | 2 |
| DT06-6S-EP11 | DT06-6S-EP11 | B | BLACK | X | | | | X | 3 |
| DT06-6S-P004 | DT06-6S-P004 | B | GRAY | X | | | | | 1 |
| DT06-6S-P012 | DT06-6S-P012 | A | BLACK | X | | | | | 1 |
| 1-2448106-1 | DT06-6S-TE09 | A | BROWN | | X | | | | 1 |
| 1-2448106-2 | DT06-6S-TE03 | A | GREEN | | X | | | | 1 |
| 1-2448106-3 | DT06-6S-TE07 | A | BLUE | | X | | | | 1 |
| 2-2448106-1 | DT06-6S-TN09 | A | BROWN | X | | | | | 1 |
| 2-2448106-2 | DT06-6S-TN03 | A | GREEN | X | | | | | 1 |
| 2-2448106-3 | DT06-6S-TN07 | A | BLUE | X | | | | | 1 |
| 3-2448106-1 | DT06-6S-EE18 | A | BROWN | | X | | X | | 2 |
| 3-2448106-2 | DT06-6S-EE16 | A | GREEN | | X | | X | | 2 |
| 3-2448106-3 | DT06-6S-EE17 | A | BLUE | | X | | X | | 2 |
| 4-2448106-1 | DT06-6S-EE14 | A | BROWN | X | | | X | | 2 |
| 4-2448106-2 | DT06-6S-EE13 | A | GREEN | X | | | X | | 2 |
| 4-2448106-3 | DT06-6S-EE06 | A | BLUE | X | | | X | | 2 |

⚠4 "E" IDENTIFIES E-SEAL, LOCATED APPROX. AS SHOWN.

⚠3 MATERIAL: HOUSING: PA66 GF15, SEE TABLE FOR COLOR
SHORT, LONG CAP: PA66 GF15, BLACK
GROMMET: E-SEAL VMQ (BURNT RED)
N-SEAL VMQ (RED-ORANGE)
BLOCKED VMQ (RED-ORANGE)
FRONT SEAL: VMQ (RED-ORANGE),

2. THIS PLUG MATES WITH DT06-6P-XXXX RECEPTACLE.
(XXXX = ALL MODIFICATION)

1. SECONDARY WEDGE LOCK SOLD SEPARATELY: W6SX-XXXX.
(X = A,B,C,D KEY, XXXX = ALL MODIFICATIONS)
W6S OR W6S-P012 MAY BE USED WITH THESE PLUGS,
W6S-P012 IS RECOMMENDED.

NOTE: UNLESS OTHERWISE SPECIFIED

⚠6 MARKING FOR PARTS PRODUCED IN CHINA:

-XXXX IDENTIFIES THE MODIFICATION NUMBER,
IF APPLICABLE. EAXAMPLE: "E003 FOR DT06-6S-E003,
OR BLANK FOR DT06-6S

-DATE CODE: IDENTIFIES THE YEAR, MONTH, DAY AND HOUR OF ASSEMBLY.
YEAR: FIRST AND SECOND DIGITS. (17 = 2017)
MONTH: THIRD DIGIT , EXCLUDING I. A = JAN, B = FEB,
C = MARCH... (K = OCTOBER)
DAY: FOURTH AND FIFTH DIGITS (14 =14th DAY)
HOUR: SIXTH AND SEVENTH DIGITS (11 = 11AM)

-DIAL DATE CODE LOCATED ON HOUSING AND/OR CAP.
-CN LOCATED ON HOUSING AND/OR CAP.

5. FOR CONTACTS AND WIRE PERFORMANCE AND APPLICATION
CHARACTERISTICS SEE CUSTOMER DRAWING 0425-015-0000.

⚠11 CONNECTORS WITH A BLOCKED SEAL INCLUDE THE W6S-P012 WEDGE (GREEN) INSTALLED AS PART OF THE PLUG ASSEMBLY.

⚠7 MARKING FOR PARTS PRODUCED IN US:
-DATE CODE:
YEAR TO BE LAST NUMERICAL DIGIT, EX: 1=2021
MONTH USES SEQUENTIAL ALPHA CHARACTERS, EX: A=JANUARY

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: IN [mm]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±.025 [0.64]
4 PLC ±
ANGLES ±0° 30' 0"

MATERIAL ⚠3
FINISH -

DWN K. MUKESH 21JUL2021
CHK R. MESSENGER 21JUL2021
APVD I. GRANTCHAROVA 25JUL2021
PRODUCT SPEC 108-151009
APPLICATION SPEC 114-151009
WEIGHT -

TE Connectivity

NAME 6 WAY PLUG, STANDARD SEAL EXTRA THIN SEAL, SHORT AND LONG CAP DT SERIES

SIZE A1 | CAGE CODE 4AFU8 | DRAWING NO C-DT06-6S-XXXX | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 2 | REV B3

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

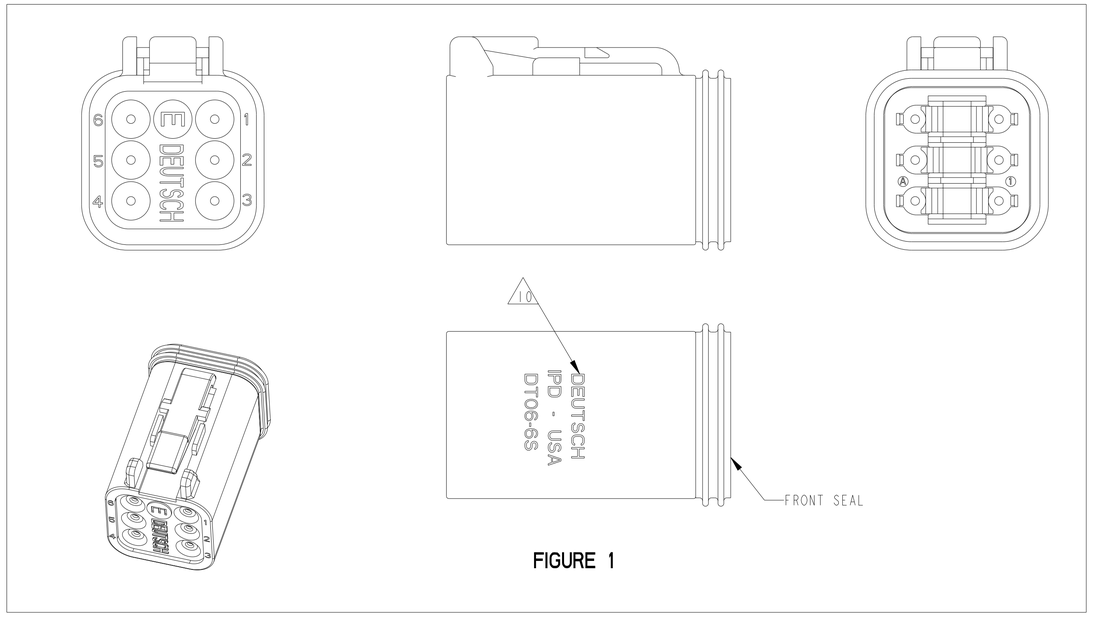



FIGURE 1

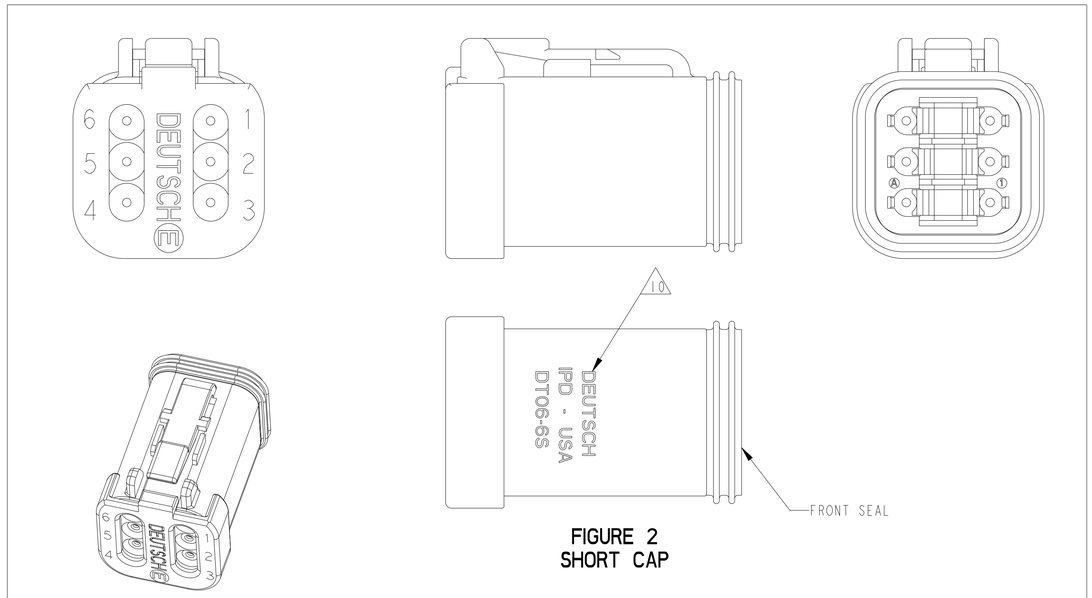



FIGURE 2
SHORT CAP

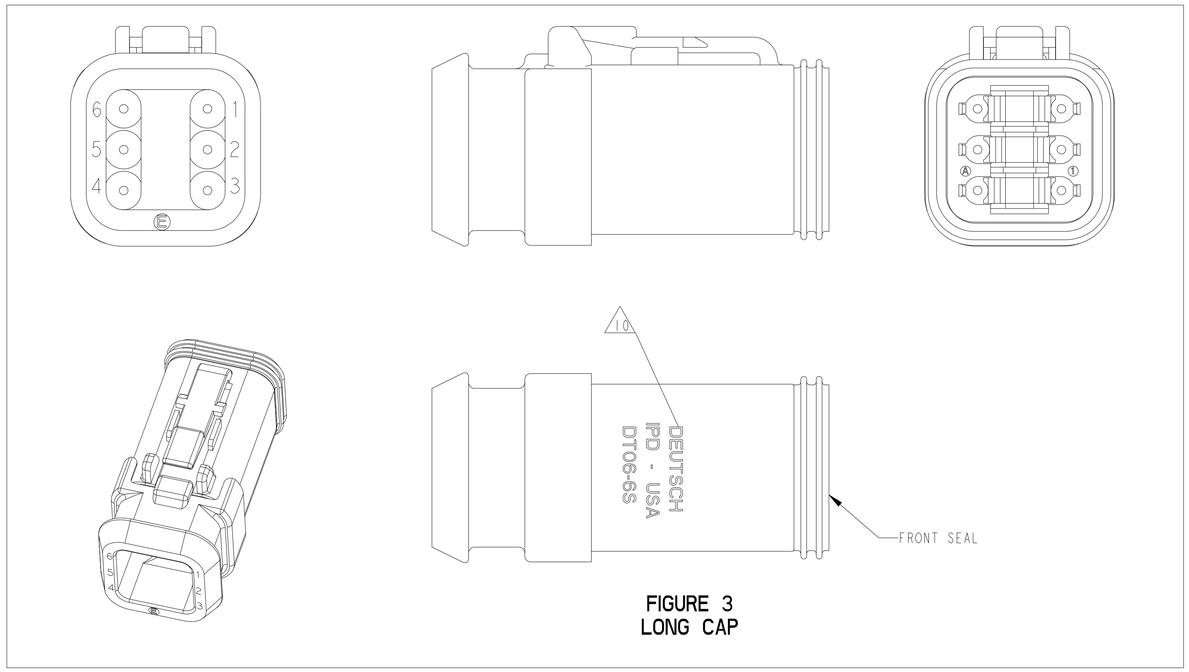



FIGURE 3
LONG CAP

13. FOR ALL ID MARKINGS SURROUNDING THE PART, ORIENTATION IS SHOWN FOR REFERNCE ONLY AND DOES NOT AFFECT FUNCTIONALITY, PROVIDED THE MARKINGS ARE IN THE CORRECT POSITION. SIZE AND LOCATION ARE APPROXIMATE, AS SHOWN.

12 CONNECTORS WITH A BLOCKED SEAL (AND DEUTSCH MARKINGS) INCLUDE THE W6S WEDGE (ORANGE) INSTALLED AS PART OF THE PLUG ASSEMBLY.

10 PARTS IN THE STANDARD TYPE CONFUGRATION WILL HAVE 'DEUTSCH' ID TEXT ON THE HOUSING.

9. SECONDARY WEDGE LOCK SOLD SEPARATELY: W6S OR W6SX (X = A,B,C,D KEY).
W6S OR W6SX MUST BE USE WITH THE STANDARD TYPE PLUGS.

8 THE AFFECTED PARTS NUMBERS LISTED ARE CHANGING FROM STANDARD TYPE SEAL (SHEET 2) TO RETENTION TYPE SEAL (SHEET 1).
PARTS WILL BE SUPPLIED FROM THE NORTH AMERICA REGION IN THE STANDARD TYPE CONFIGURATION UNTIL THE STANDARD TYPE TOOLING REACHES ITS END OF LIFE,
PARTS PRODUCED IN CHINA WILL BE RETENTION TYPE ONLY.

| AFFECTED PART NUMBERS | PN REV | COLOR | STANDARD SEAL GROMMET | EXTRA THIN SEAL E-SEAL GROMMET | BLOCKED SEAL | SHORT CAP | LONG CAP | FIGURE |
|---|---|---|---|---|---|---|---|---|
| DT06-6S | - | GRAY | X | | | | | 1 |
| DT06-6S-C015 | A | GRAY | | X | | | | 1 |
| DT06-6S-C017 | - | GRAY | | | X | X | | 2 |
| DT06-6S-CE01 | A | GRAY | | X | | X | | 2 |
| DT06-6S-CE02 | A | BLACK | | X | | | | 1 |
| DT06-6S-CE03 | A | BLACK | | X | | X | | 2 |
| DT06-6S-CE04 | - | GRAY | | X | | | X | 3 |
| DT06-6S-E003 | - | GRAY | X | | | X | | 2 |
| DT06-6S-E004 | - | BLACK | X | | | | | 1 |
| DT06-6S-E005 | - | BLACK | X | | | X | | 2 |
| DT06-6S-E008 | - | GRAY | X | | | | X | 3 |
| DT06-6S-EP04 | A | GRAY | X | | | X | | 2 |
| DT06-6S-P004 | A | GRAY | X | | | | | 1 |

8 12

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: IN [mm]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±
2 PLC ±
3 PLC ±.025 [0.64]
4 PLC ±
ANGLES ±0° 30' 0"

MATERIAL

FINISH -

DWN K. MUKESH 21JUL2021
CHK R. MESSENGER 21JUL2021
APVD I. GRANTCHAROVA 25JUL2021
PRODUCT SPEC 108-151009
APPLICATION SPEC 114-151009
WEIGHT -

TE Connectivity

NAME 6 WAY PLUG, STANDARD SEAL EXTRA THIN SEAL, SHORT AND LONG CAP DT SERIES

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 4AFU8 | C-DT06-6S-XXXX | - |

CUSTOMER DRAWING | SCALE 3:1 | SHEET 2 OF 2 | REV B3