

REVISIONS					
#	LYR	DESCRIPTION	DATE	DWN	APVD
B		REVISED PER PCN-23-192205	06FEB2024	RK	CB
B1		REVISED PER PCN-24-222766	04OCT2024	GB	CB
B2		REVISED PER PCN-24-226098	20NOV2024	PS	CB
B3		REVISED PER PCN-25-247964	19JUN2025	AJ	MB

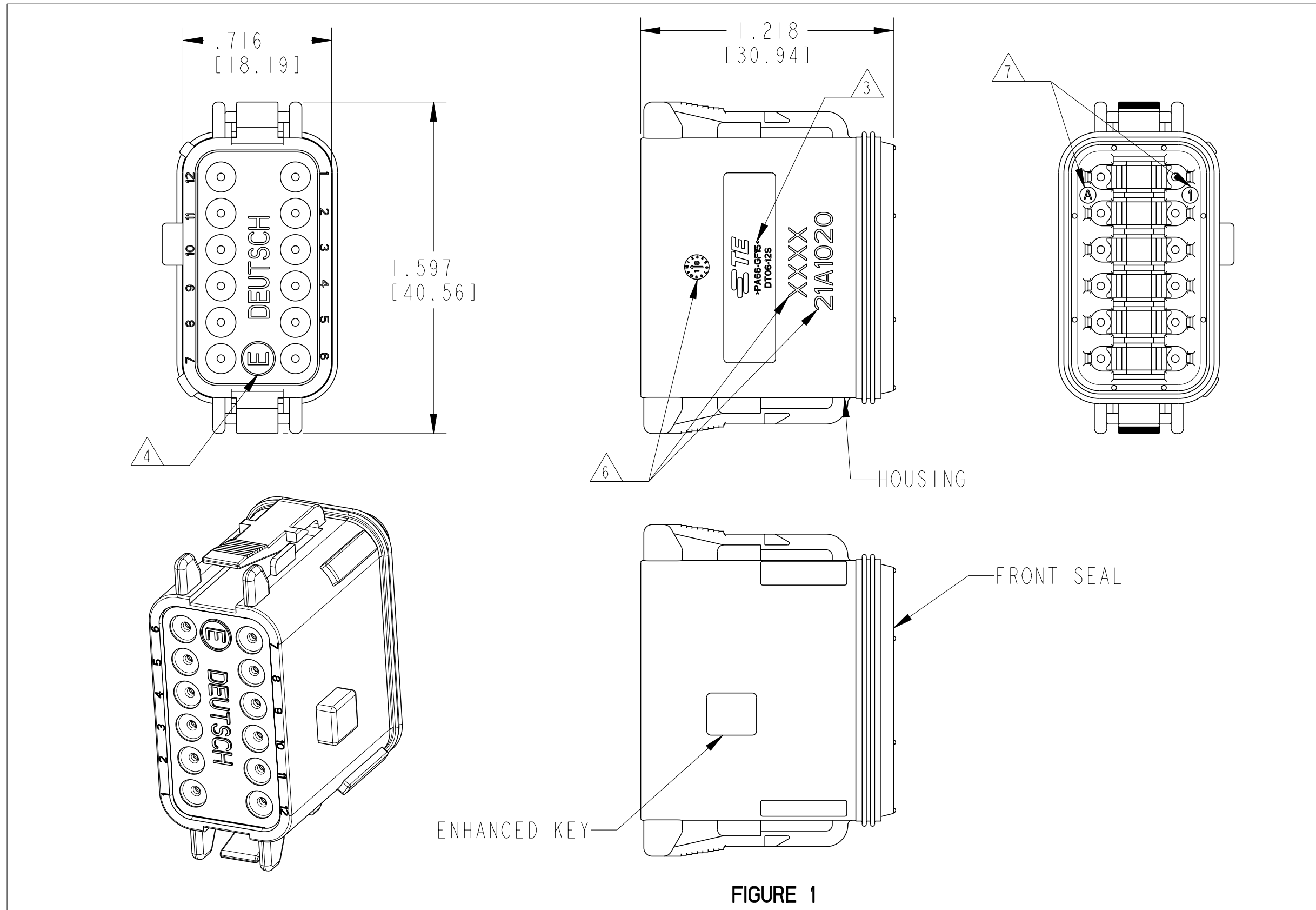


FIGURE 1

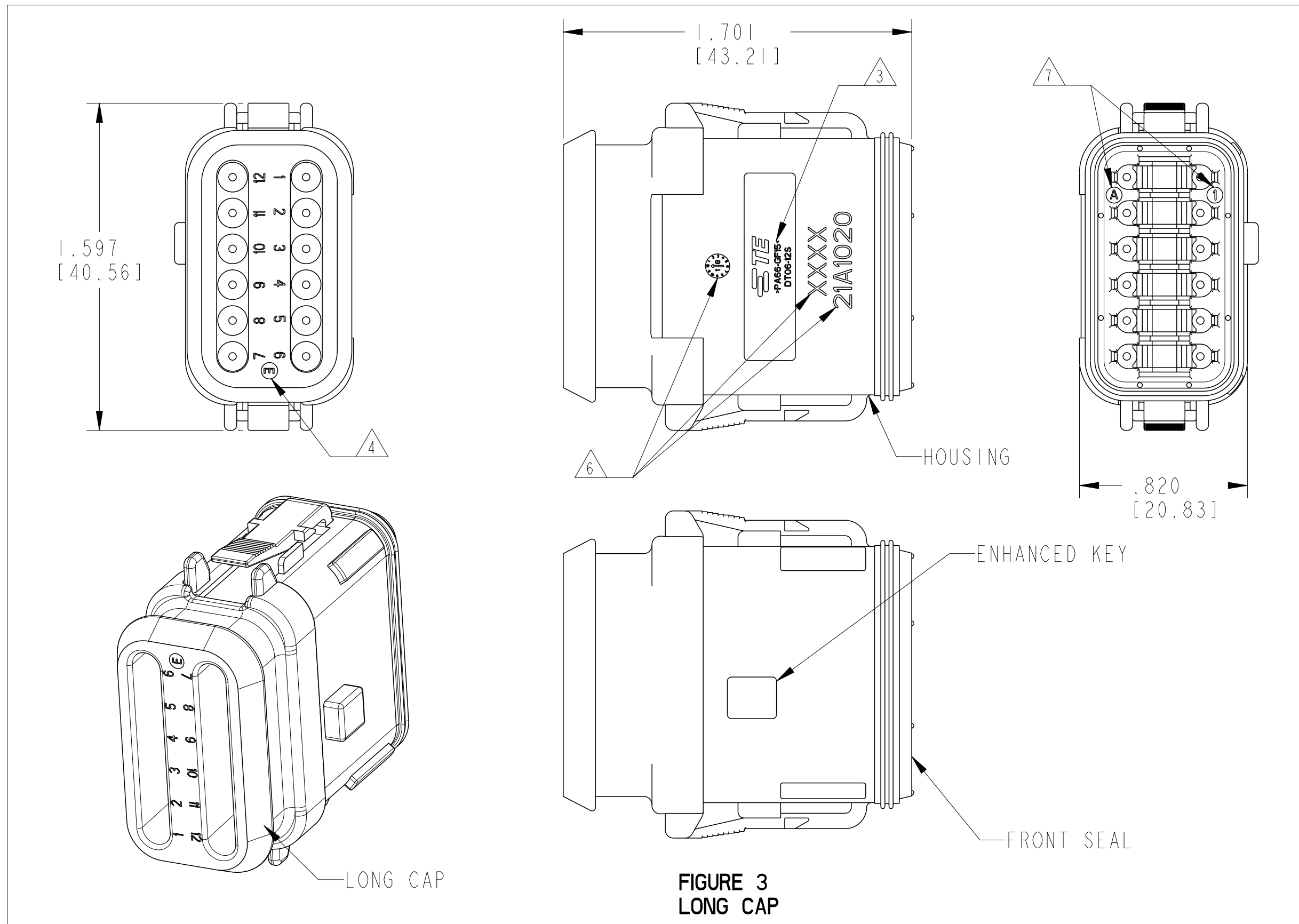


FIGURE 3
LONG CAP

- 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 VMO (BURNT RED)
N-SEAL VMO (RED-ORANGE)
BLOCKED VMO (RED-ORANGE)
FRONT SEAL: VMO (RED-ORANGE),

2. THIS PLUG MATES WITH DT04-12PX-XXXX RECEPTACLE.
(XXXX = ALL MODIFICATION)

1. SECONDARY WEDGE LOCK SOLD SEPARATELY: W12S-XXXX.
(XXXX = ALL MODIFICATIONS)
W12S OR W12S-P012 MAY BE USED WITH THESE PLUGS,
W12S-P012 IS RECOMMENDED.

NOTE: UNLESS OTHERWISE SPECIFIED

- 6 MARKING FOR PARTS PRODUCED IN CHINA:

-XXXX IDENTIFIES THE MODIFICATION NUMBER,
IF APPLICABLE. EXAMPLE: *E003 FOR DT06-12SX-E003,
OR BLANK FOR DT06-12SX

-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.
-MARKINGS MAY BE LOCATED ON EITHER THE FRONT OR BACK SURFACES.

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

- 11 CONNECTORS WITH A BLOCKED SEAL INCLUDE
THE W12S-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

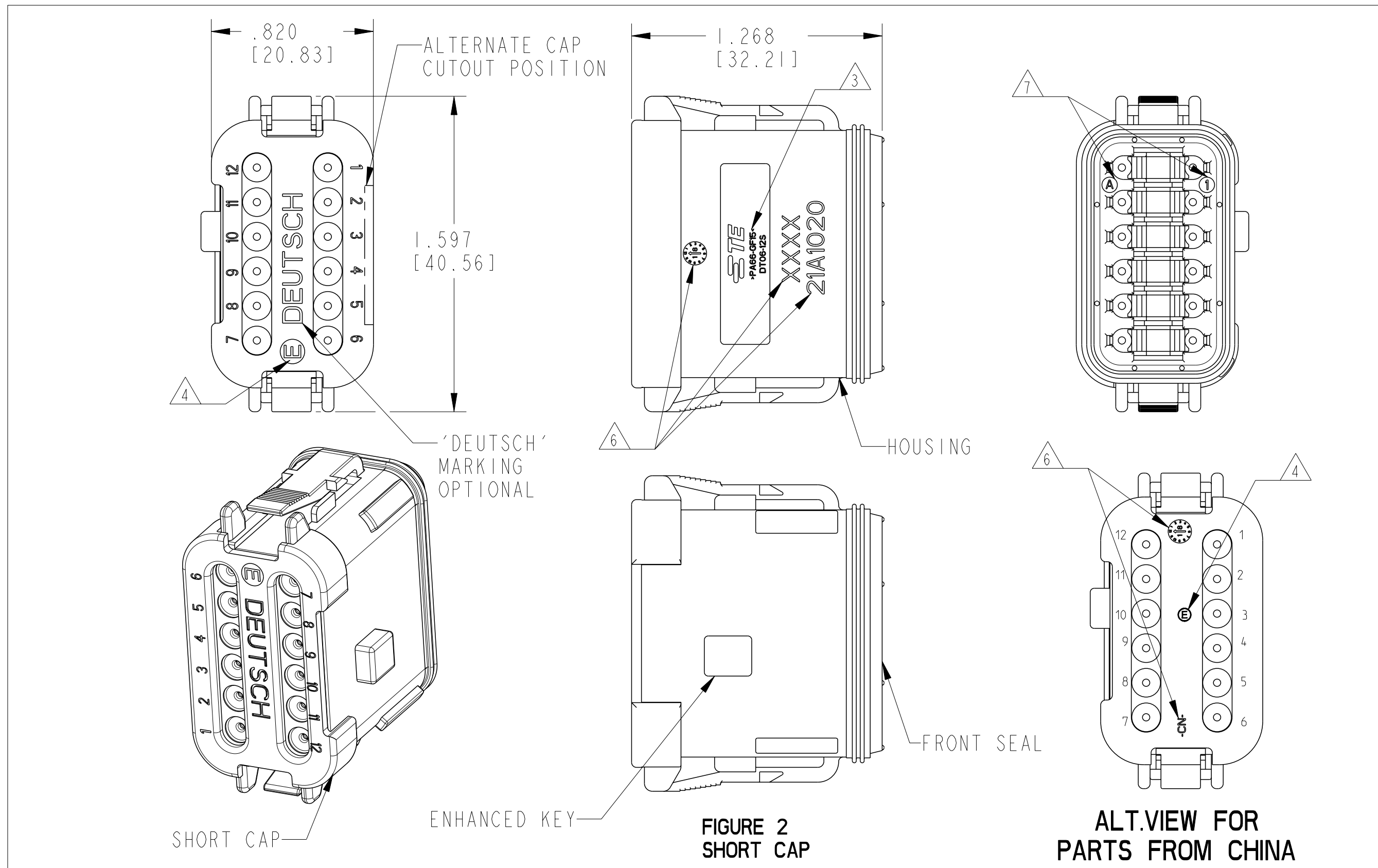


FIGURE 2
SHORT CAP

ALT.VIEW FOR
PARTS FROM CHINA

TE INTERNAL PART NUMBER	DEUTSCH PART NUMBER	PN REV	HOUSING COLOR	STANDARD SEAL	EXTRA THIN SEAL E SEAL	BLOCKED SEAL	ENHANCED KEY	SHORT CAP	LONG CAP	FIGURE
DT06-12SX	DT06-12SX	A	ALL	X						1
DT06-12SX-B016	DT06-12SX-B016	B	ALL	X			X			1
DT06-12SX-BE01	DT06-12SX-BE01	B	ALL	X			X	X		2
DT06-12SX-C015	DT06-12SX-C015	C	ALL		X					1
DT06-12SX-C017	DT06-12SX-C017	B	ALL			X		X		2
DT06-12SX-CE01	DT06-12SX-CE01	D	ALL		X			X		2
DT06-12SA-CE02	DT06-12SA-CE02	B	BLACK		X					1
DT06-12SA-CE03	DT06-12SA-CE03	A	BLACK		X			X		2
DT06-12SX-CE04	DT06-12SX-CE04	C	ALL		X				X	3
DT06-12SX-CE05	DT06-12SX-CE05	C	ALL		X		X	X		2
DT06-12SX-CE06	DT06-12SX-CE06	B	ALL		X		X			1
DT06-12SA-CE10	DT06-12SA-CE10	B	BLACK		X		X			1
DT06-12SA-CE11	DT06-12SA-CE11	B	BLACK		X		X	X		2
DT06-12SA-CE12	DT06-12SA-CE12	B	BLACK		X		X		X	3
DT06-12SX-CE13	DT06-12SX-CE13	C	ALL		X		X		X	3
DT06-12SX-E003	DT06-12SX-E003	C	ALL	X				X		2
DT06-12SA-E005	DT06-12SA-E005	A	BLACK	X						1
DT06-12SX-E008	DT06-12SX-E008	C	ALL	X					X	3
DT06-12SX-EP04	DT06-12SX-EP04	D	ALL	X				X		2
DT06-12SX-EP06	DT06-12SX-EP06	D	ALL	X			X	X		2
DT06-12SA-EP07	DT06-12SA-EP07	A	BLACK	X			X			1
DT06-12SA-EP08	DT06-12SA-EP08	B	BLACK	X			X	X		2
DT06-12SA-EP11	DT06-12SA-EP11	A	BLACK	X			X		X	3
DT06-12SX-EP20	DT06-12SX-EP20	B	ALL	X			X		X	3
DT06-12SX-P004	DT06-12SX-P004	B	ALL	X						1
DT06-12SX-P012	DT06-12SX-P012	B	ALL	X			X			1

CONTACT SIZE		WIRE RANGE		INSULATION OD SEALING RANGE		SEAL IDENTIFICATION	
16		14-20 AWG [2.5-0.5 mm ²]		.088-.145 [2.23-3.68] .053-.120 [1.35-3.05]		STANDARD SEAL EXTRA THIN SEAL E-SEAL	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. MUKESH CHK R. MESSENGER APVD J. GRANTCHAROVA	22NOV2021 22NOV2021 25NOV2021
DIMENSIONS: 1 IN (mm)		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC		± ± ±.025(0.64) ±	
MATERIAL		FINISH	
3		40°30'0"	
CUSTOMER DRAWING		SIZE 114-151009	
SCALE 2:1		SHEET 1 OF 3	
REV B3		RESTRICTED TO	

NAME 12 WAY PLUG, STANDARD SEAL EXTRA THIN SEAL, SHORT AND LONG CAP DT SERIES		SIZE CAGE CODE DRAWING NO 4AFU8 ©=DT06-12SX-XXXX	
TE Connectivity		REV B3	

REVISIONS					
P	LYR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

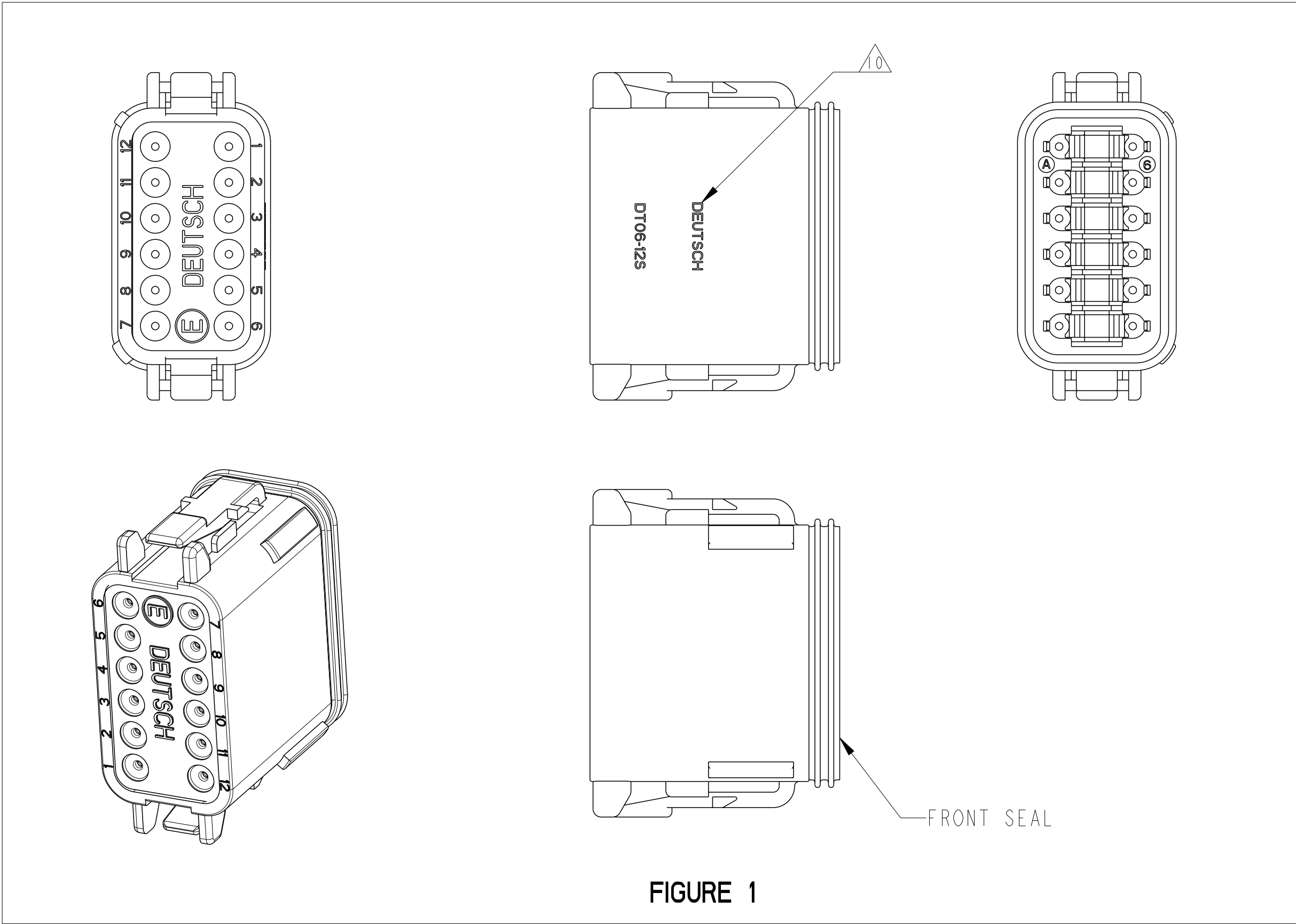


FIGURE 1

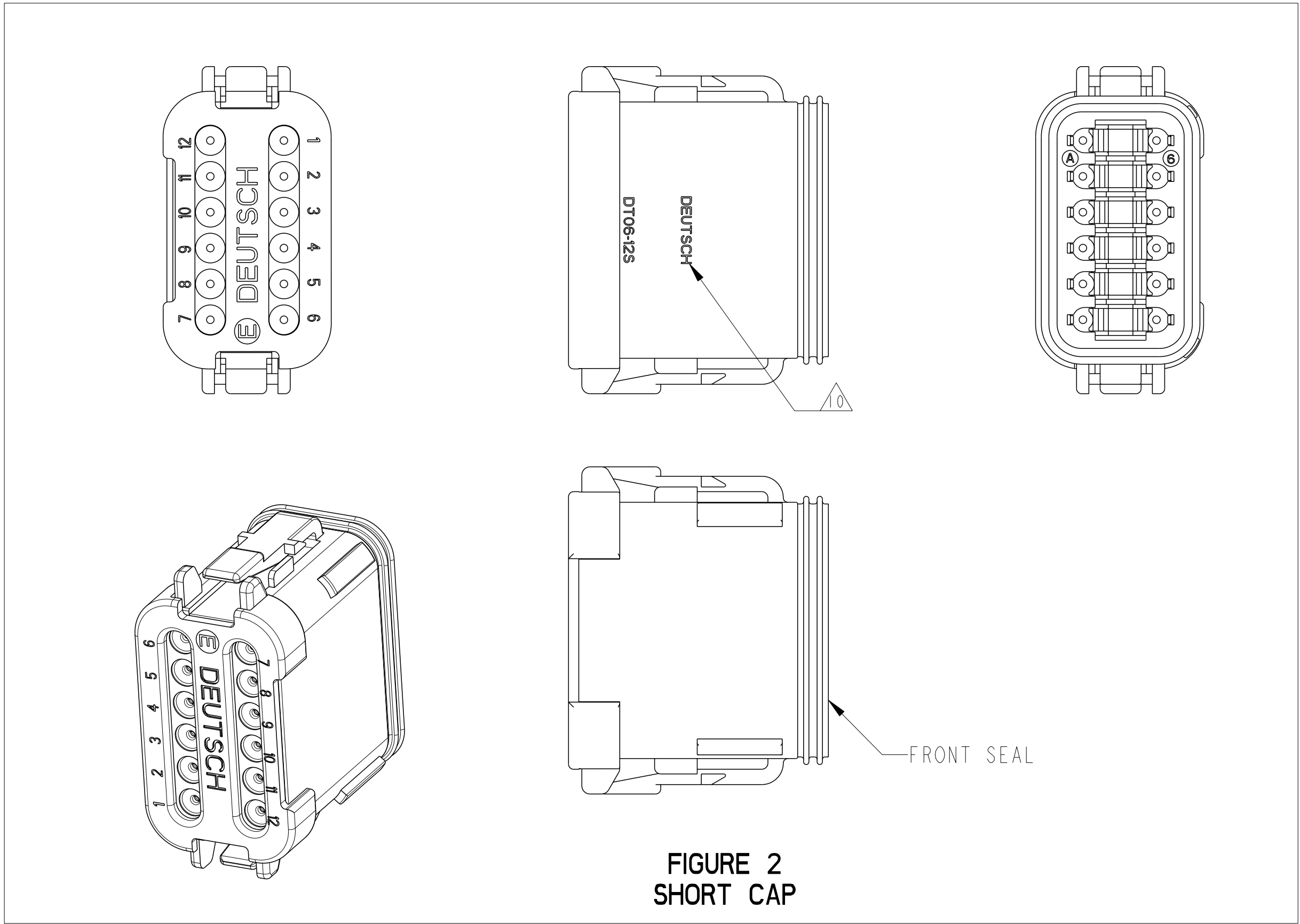


FIGURE 2
SHORT CAP

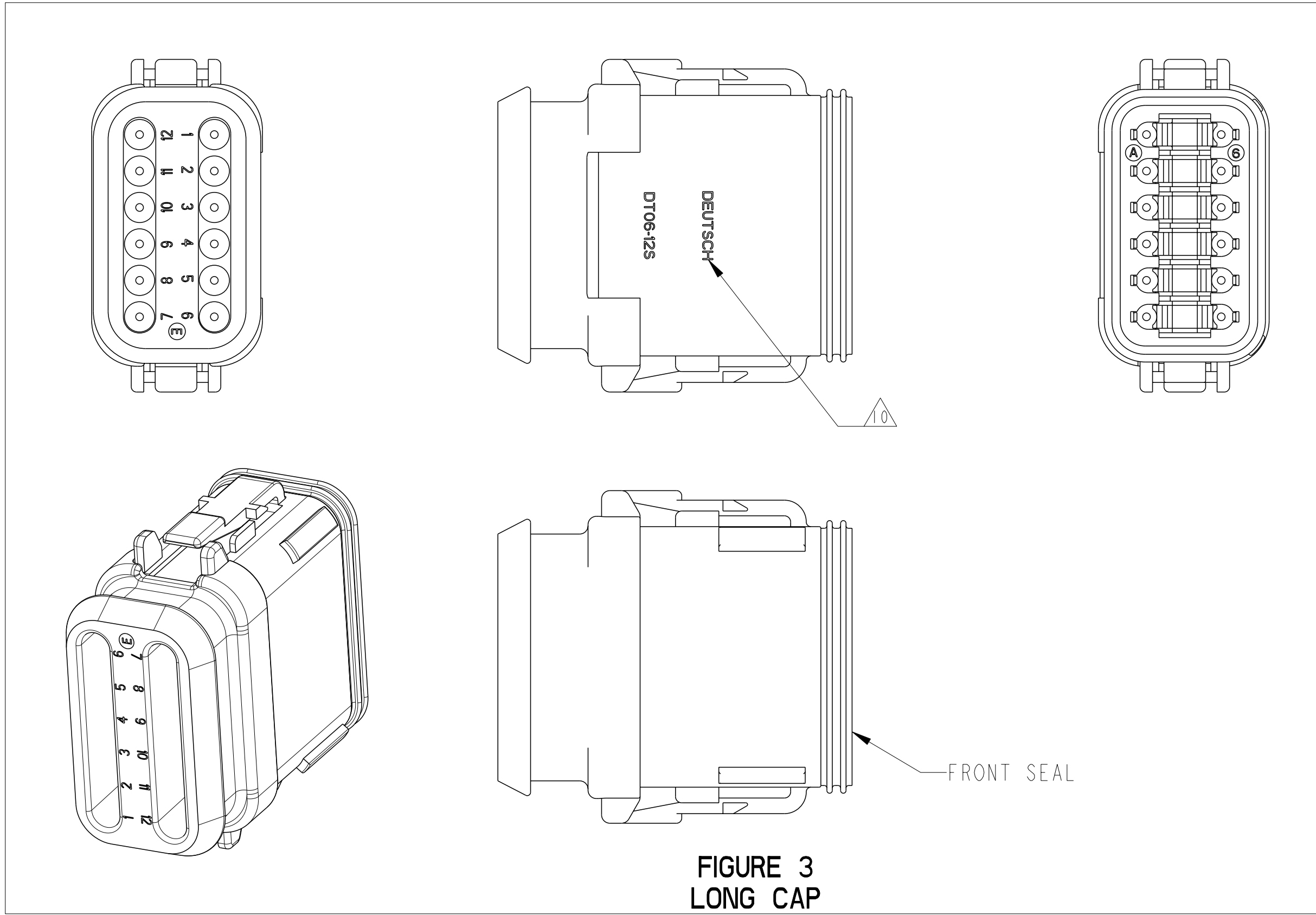


FIGURE 3
LONG CAP

AFFECTED PART NUMBERS		PN REV	HOUSING COLOR	STANDARD SEAL	EXTRA THIN SEAL E-SEAL	BLOCKED SEAL	SHORT CAP	LONG CAP	FIGURE
DT06-12SX		-	ALL	X					1
DT06-12SX-C015		A	ALL		X				1
DT06-12SX-C017		A	ALL			X	X		2
DT06-12SX-CE01		C	ALL		X		X		2
DT06-12SA-CE02		A	BLACK		X				1
DT06-12SA-CE03		-	BLACK		X		X		2
DT06-12SX-CE04		B	ALL		X			X	3
DT06-12SX-E003		B	ALL	X			X		2
DT06-12SA-E005		-	BLACK	X					1
DT06-12SX-E008		B	ALL	X				X	3
DT06-12SX-EP04		C	ALL	X			X		2
DT06-12SX-P004		A	ALL	X					1

- △2 CONNECTORS WITH A BLOCKED (AND DEUTSCH MARKINGS) SEAL INCLUDE THE W12S WEDGE (ORANGE) INSTALLED AS PART OF THE PLUG ASSEMBLY.
- △10 PARTS IN THE STANDARD TYPE CONFIGURATION WILL HAVE 'DEUTSCH' ID TEXT ON THE HOUSING.
9. SECONDARY WEDGE LOCK SOLD SEPARATELY: W12S. W12S MUST BE USED 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.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
IN[mm]

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

±
±
±
±
±
±
±0°30'0"

MATERIAL

FINISH

DWN
CHK
R.
APVD

22NOV2021
22NOV2021
22NOV2021
25NOV2021

R. MUKESH
R. MESSENGER
I. GRANTCHAROVA

PRODUCT SPEC
108-151009
APPLICATION SPEC
114-151009

WEIGHT
-

NAME

SIZE
CAGE CODE
DRAWING NO

RESTRICTED TO

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

A | 4AFU8 | DT06-12SX-XXXX

SCALE
2:1

SHEET
2 OF 3

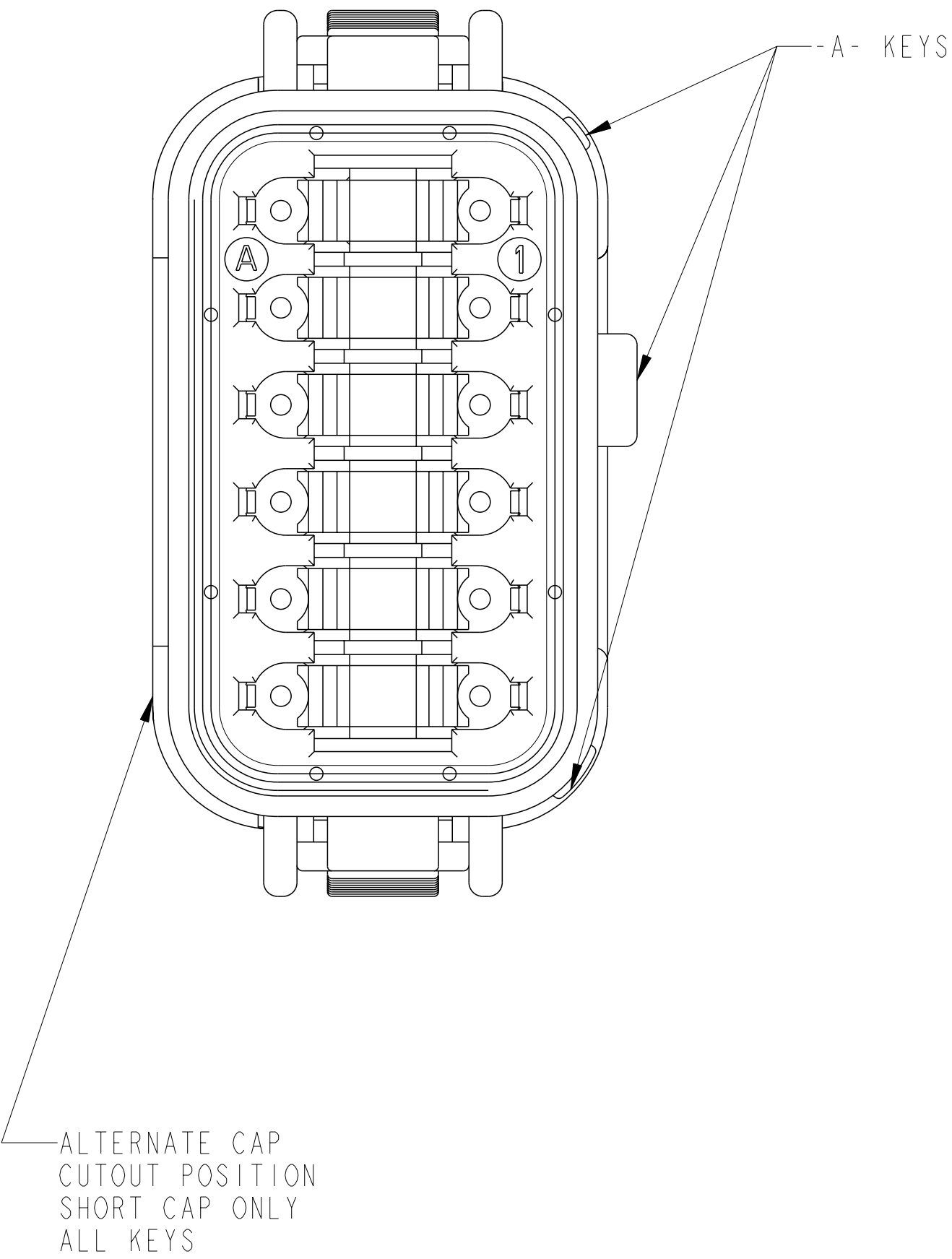
REV
B3

TE Connectivity

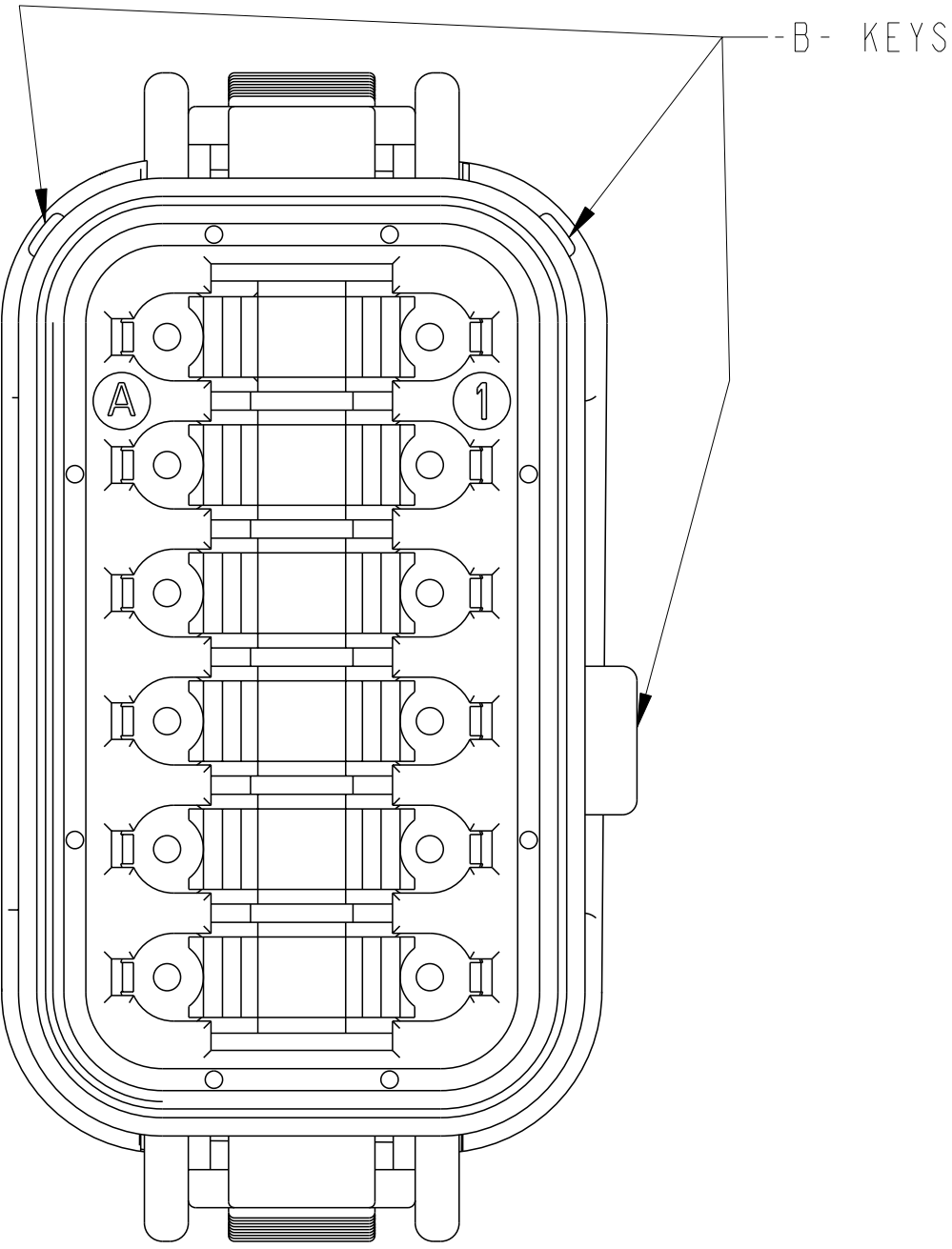
CUSTOMER DRAWING

4805 (3/13)

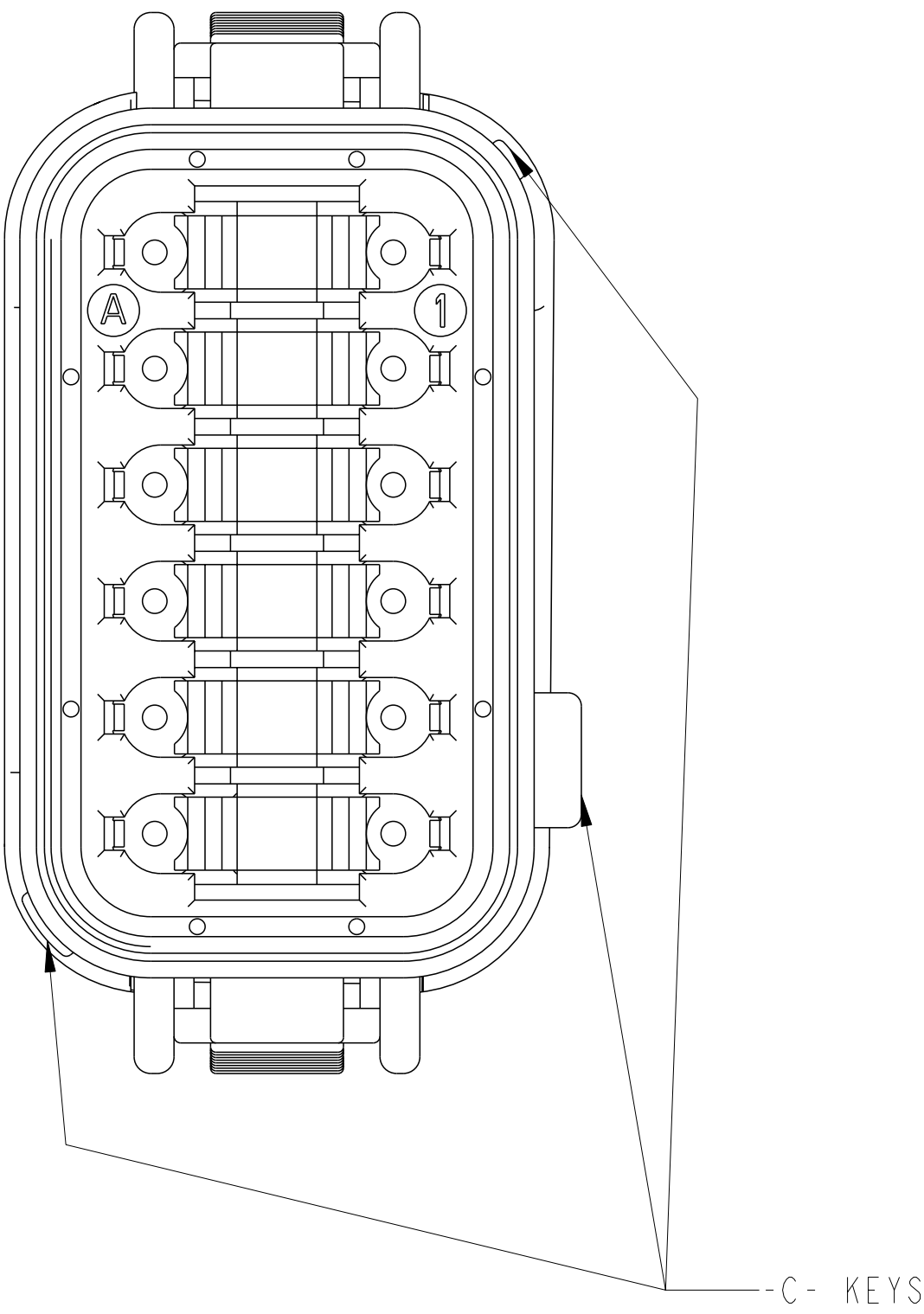
DT06-12SA-XXXX
KEY ARR. -A-
HOUSING COLOR: GRAY
SEE PN TABLE FOR BLACK PNs.



DT06-12SB-XXXX
KEY ARR. -B-
HOUSING COLOR: BLACK



DT06-12SC-XXXX
KEY ARR. -C-
HOUSING COLOR: GREEN



DT06-12SD-XXXX
KEY ARR. -D-
HOUSING COLOR: BROWN

