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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	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
	B4	REVISED PER PCN-25-254987	08SEP2025	AP	AJ

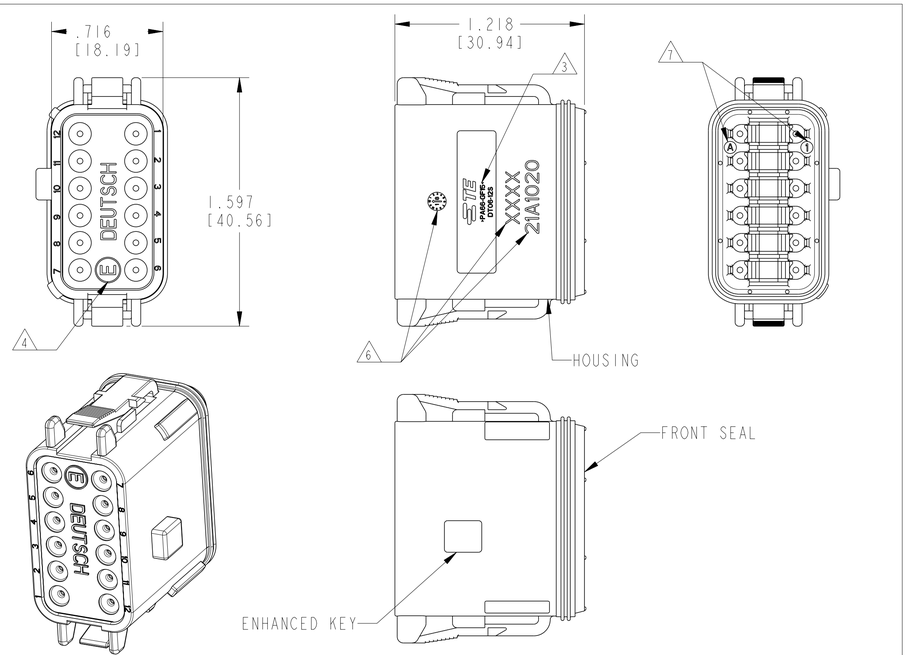


FIGURE 1

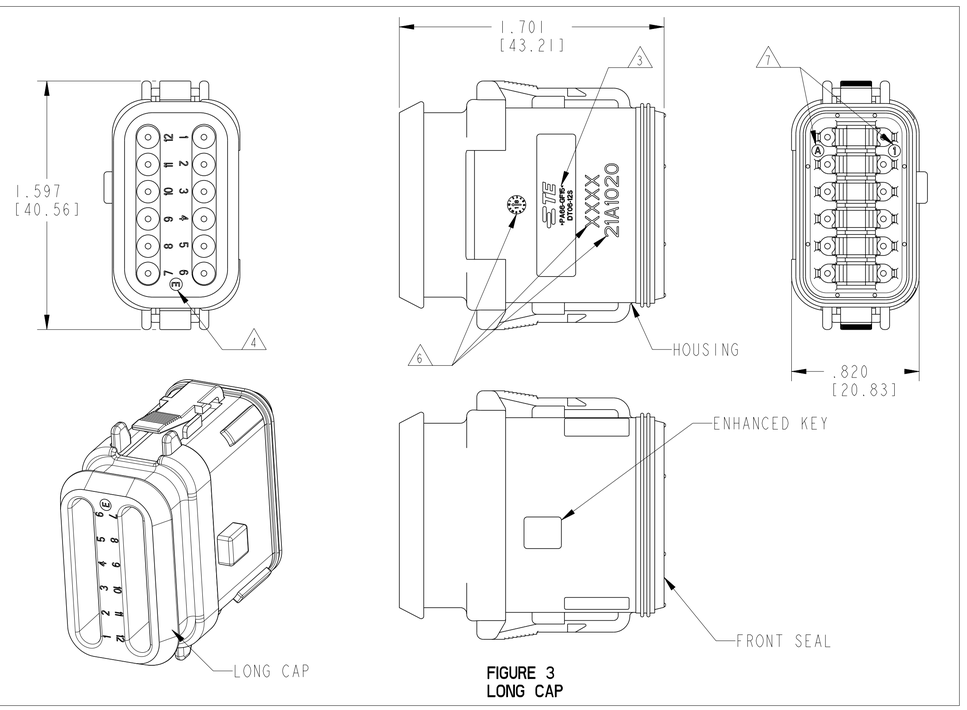


FIGURE 3
LONG CAP

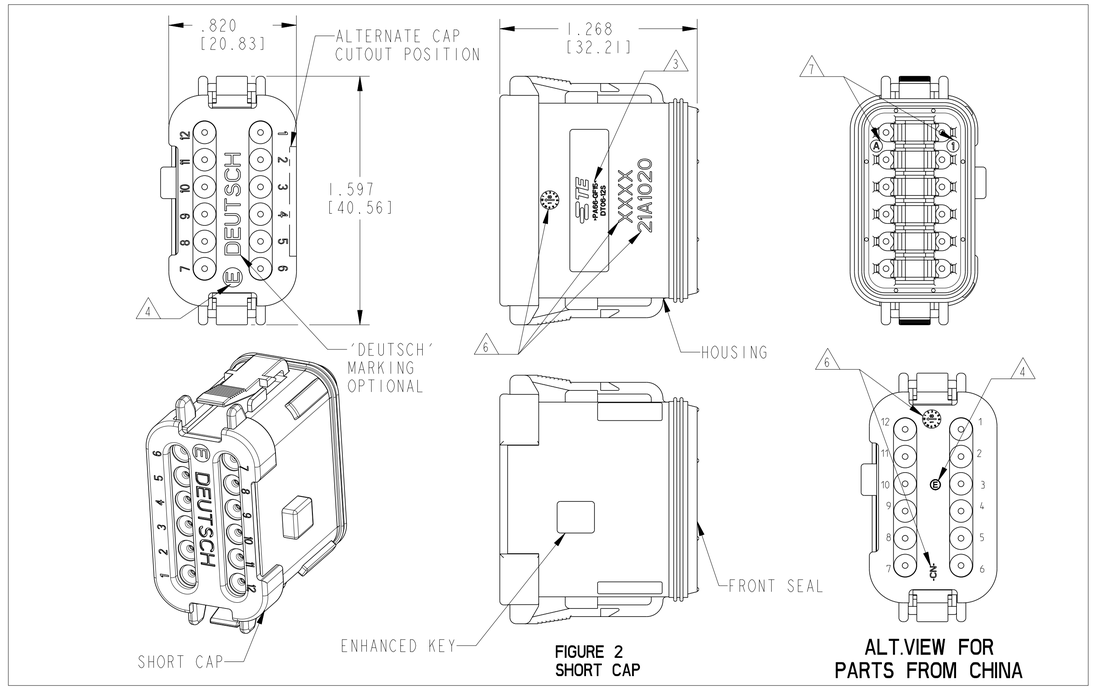


FIGURE 2
SHORT CAP

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 11	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
DT06-12SA-P004	DT06-12SA-P004	B	GRAY	X						1
DT06-12SB-P004	DT06-12SB-P004	B	BLACK	X						1
DT06-12SX-P012	DT06-12SX-P012	B	ALL	X			X			1

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 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. BLOCKED SEALS ARE NOT SYMMETRICAL ON BOTH SIDES. ALTHOUGH THEY APPEAR VISUALLY DIFFERENT, EFFECTIVE SEALING IS ACHIEVED ON EITHER SIDE.

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

CONTACT SIZE	WIRE RANGE	INSULATION OD SEALING RANGE	SEAL IDENTIFICATION
16	14-20 AWG [2.5-0.5 mm²]	.088-.145 [2.23-3.68]	STANDARD SEAL
		.053-.120 [1.35-3.05]	EXTRA THIN SEAL E-SEAL

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	22NOV2021
CHK	R. MESSENGER	22NOV2021
APVD	I. GRANTCHAROVA	25NOV2021
PRODUCT SPEC	108-151009	
APPLICATION SPEC	114-151009	
WEIGHT	-	

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	4AFU8	C-DT06-12SX-XXXX	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 1 OF 3 | REV B4

4805 (3/13)

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

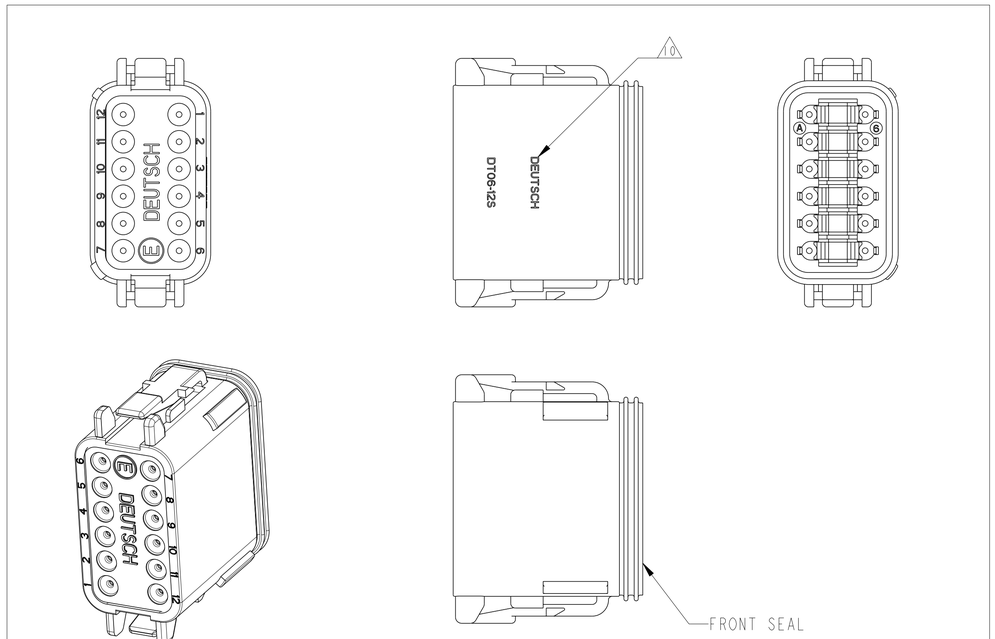


FIGURE 1

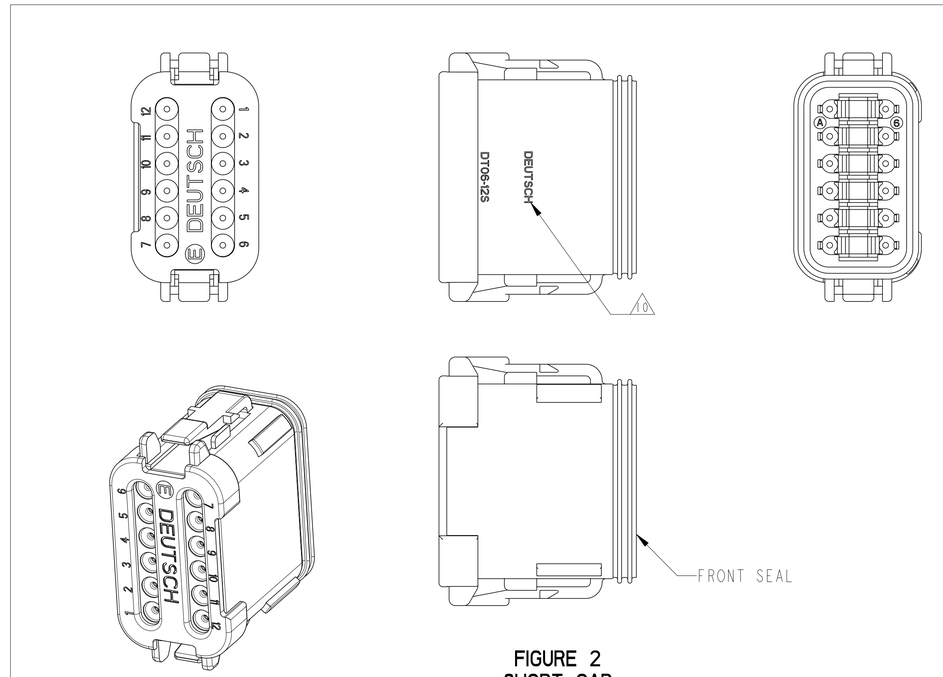


FIGURE 2
SHORT CAP

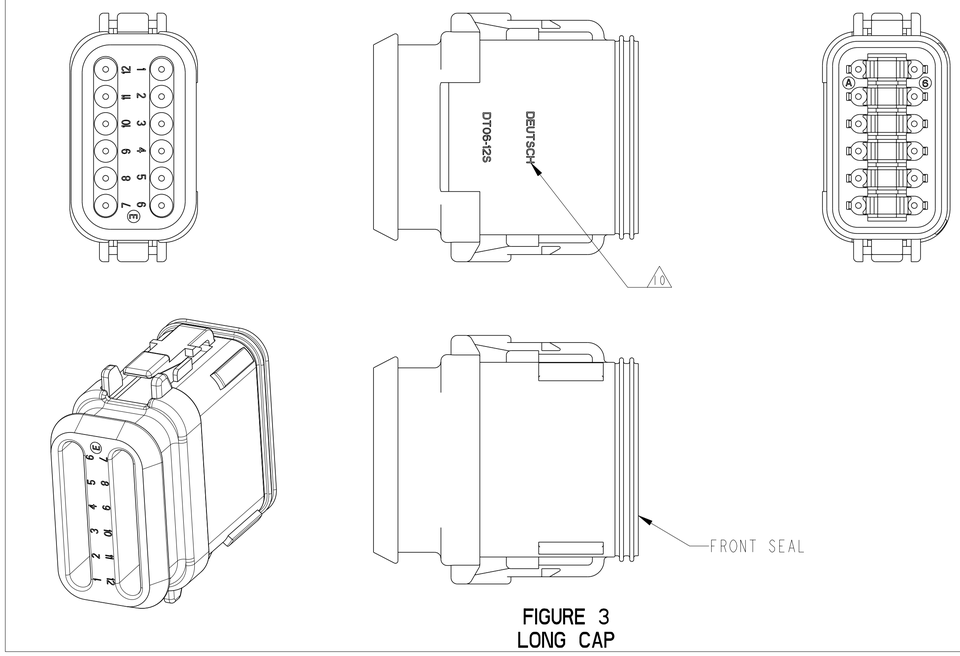


FIGURE 3
LONG CAP

13. FOR ALL ID MARKINGS SURROUNDING THE PART, ORIENTATION IS SHOWN FOR REFERENCE 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 (AND DEUTSCH MARKINGS) SEAL INCLUDE THE WI2S WEDGE (ORANGE) INSTALLED AS PART OF THE PLUG ASSEMBLY.BLOCKED SEALS ARE NOT SYMMETRICAL ON BOTH SIDES. ALTHOUGH THEY APPEAR VISUALLY DIFFERENT, EFFECTIVE SEALING IS ACHIEVED ON EITHER SIDE.

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

9. SECONDARY WEDGE LOCK SOLD SEPARATELY: WI2S
WI2S 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.

△8 AFFECTED PART NUMBERS	PN REV	HOUSING COLOR	STANDARD SEAL	EXTRA THIN SEAL E-SEAL	△12 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

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	22NOV2021
CHK R. MESSENGER	22NOV2021
APVD I. GRANTCHAROVA	25NOV2021
PRODUCT SPEC	108-151009
APPLICATION SPEC	114-151009
WEIGHT	-

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	4AFU8	C=DT06-12SX-XXXX	-

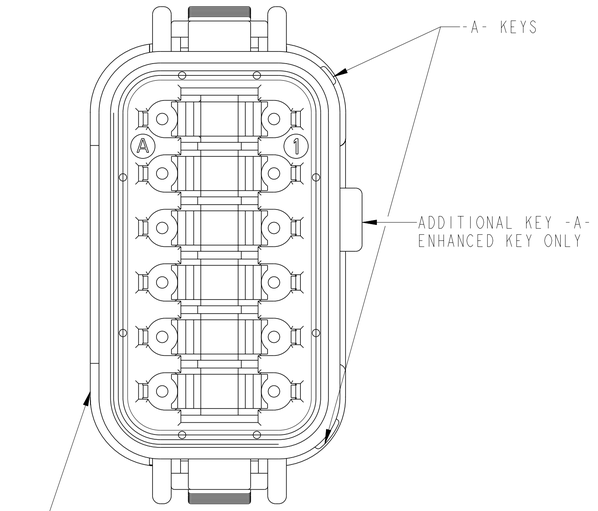
CUSTOMER DRAWING

SCALE 2:1 SHEET 2 OF 3 REV B4

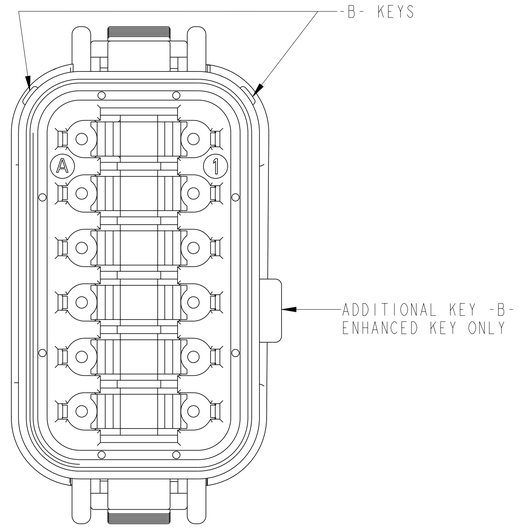
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
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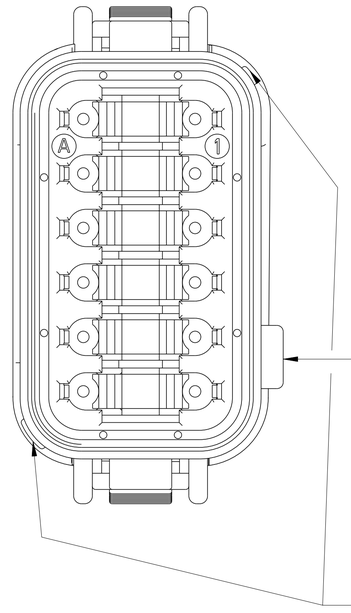
DT06-12SA-XXXX
KEY ARR. -A-
HOUSING COLOR: GRAY
SEE PN TABLE FOR BLACK PNs.



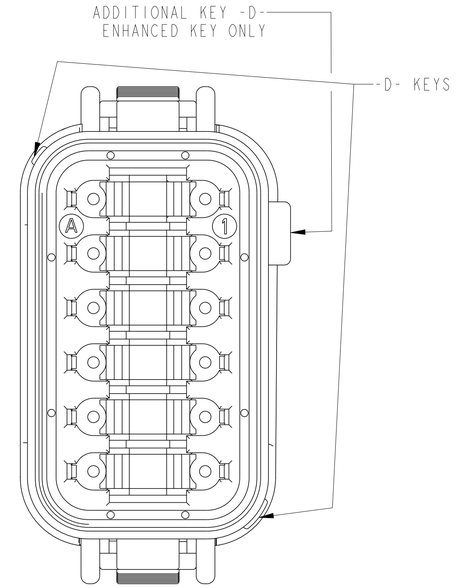
DT06-12SB-XXXX
KEY ARR. -B-
HOUSING COLOR: BLACK



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



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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. MUKESH 22NOV2021	TE Connectivity
DIMENSIONS: IN[mm]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±.025[0.64] 4 PLC ±- ANGLES ±0°30'0"	CHK R. MESSENGER 22NOV2021	NAME 12 WAY PLUG, STANDARD SEAL EXTRA THIN SEAL, SHORT AND LONG CAP DT SERIES
		APVD I. GRANTCHAROVA 25NOV2021	
		PRODUCT SPEC 108-151009	
		APPLICATION SPEC 114-151009	SIZE A1 / CAGE CODE 4AFU8 / DRAWING NO C-DT06-12SX-XXXX / RESTRICTED TO -
MATERIAL	FINISH	WEIGHT -	CUSTOMER DRAWING / SCALE 5:1 / SHEET 3 OF 3 / REV B4