

CIRCUIT CONFIGURATIONS

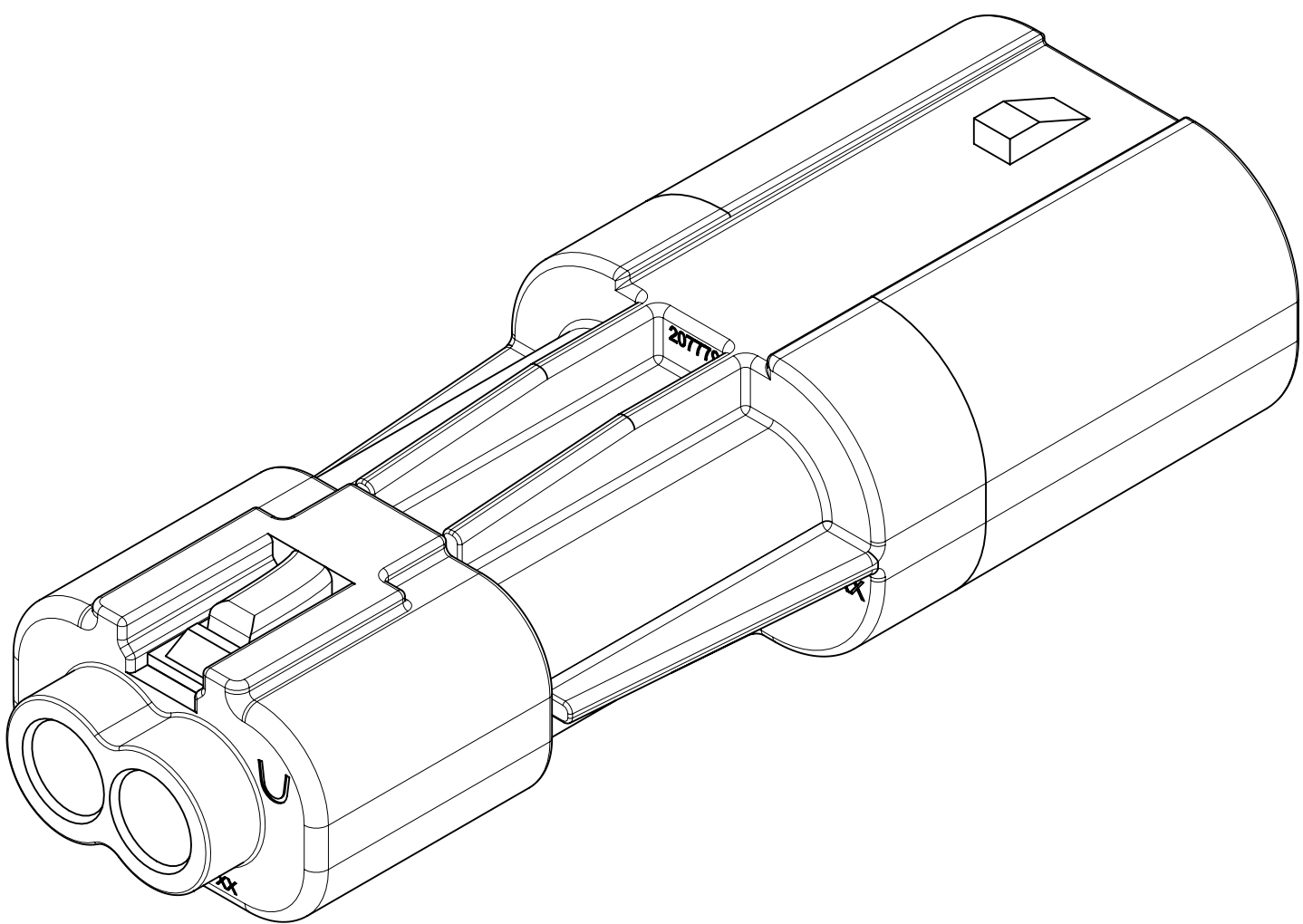
CIRCUITE SIZE

PLUG HOUSING ASSEMBLY

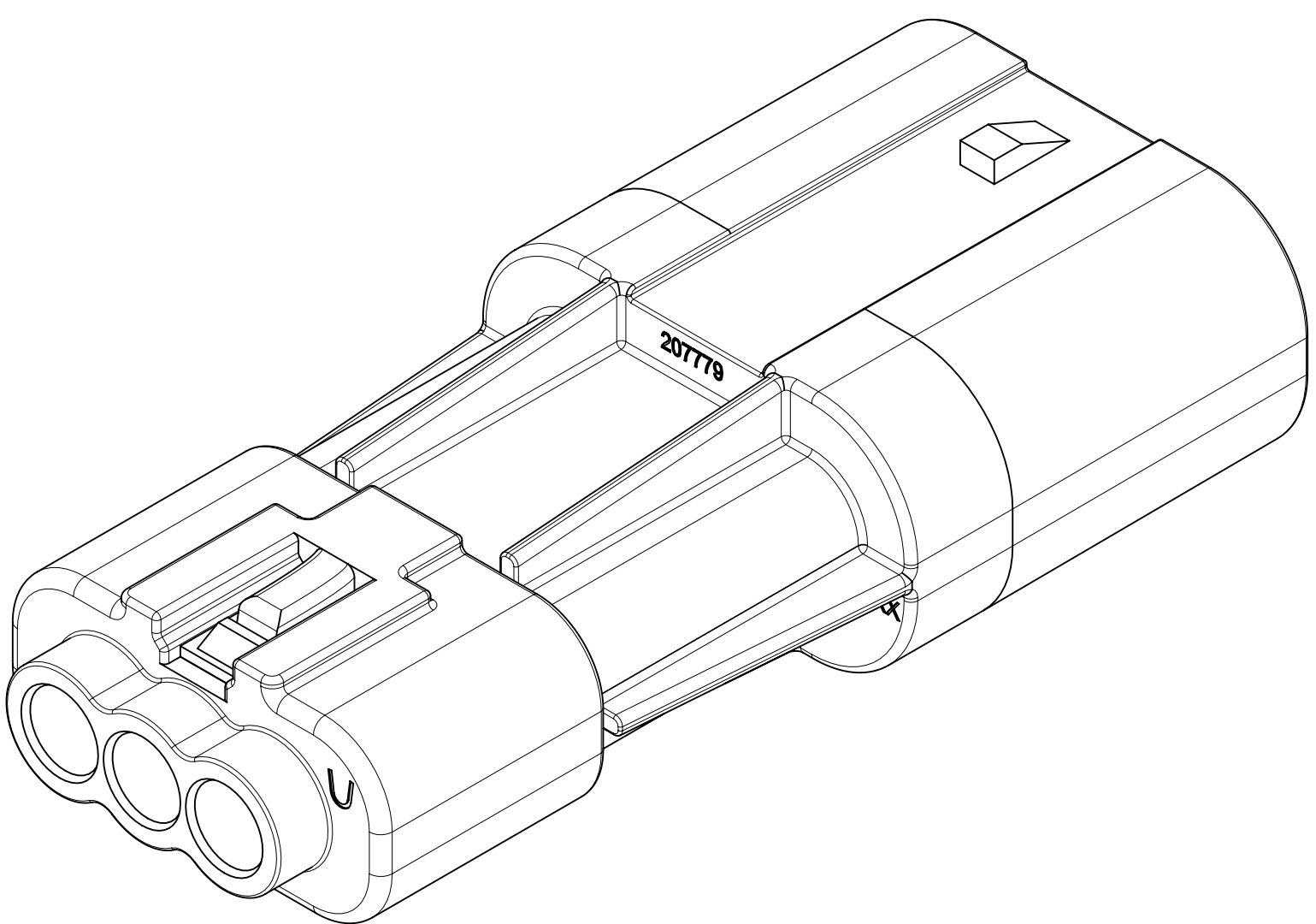
PLUG HOUSING ASSEMBLY WITH KEY

PLUG HOUSING ASSEMBLY WITH KEY AND CLIP SLOT

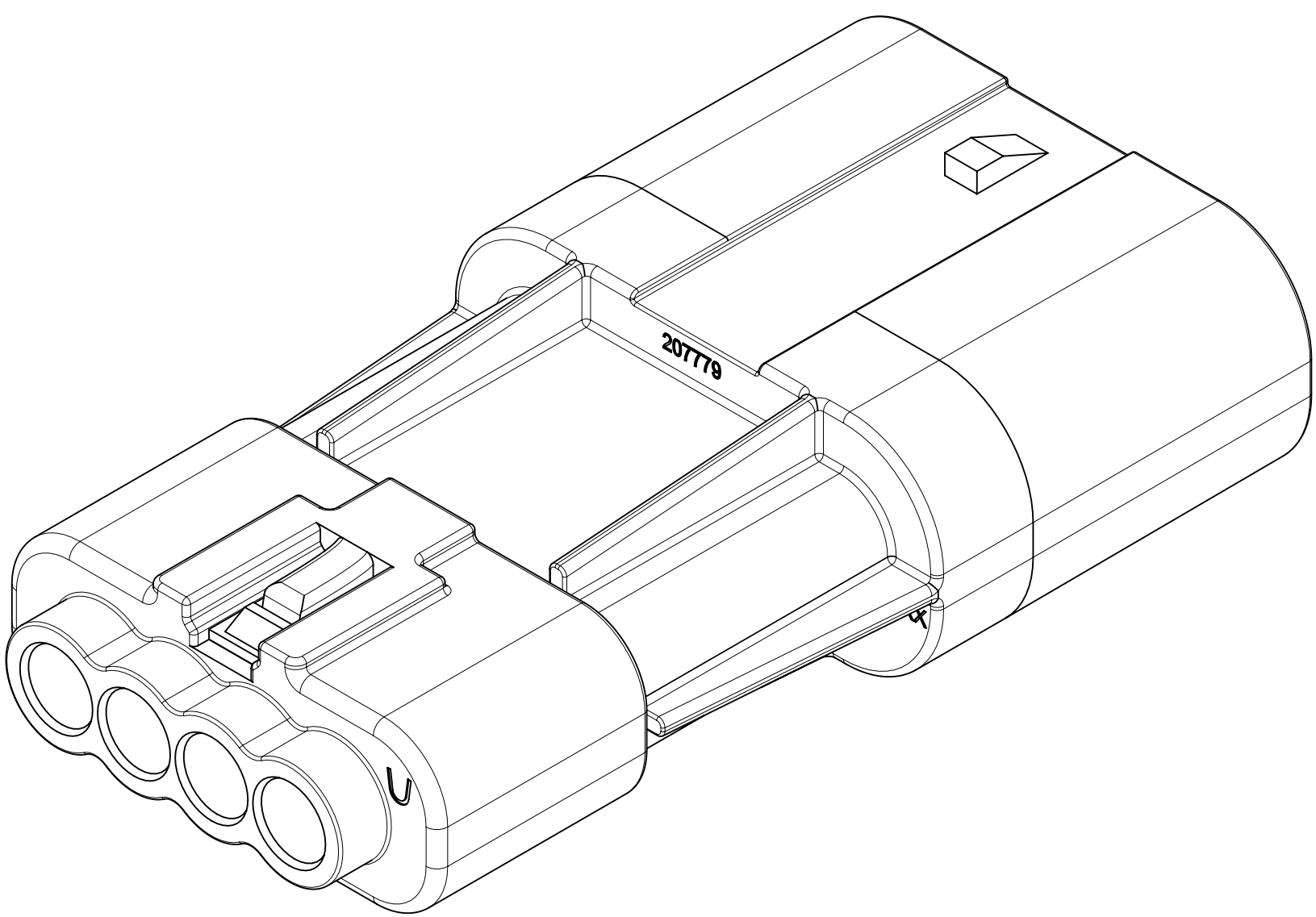
2 CKT



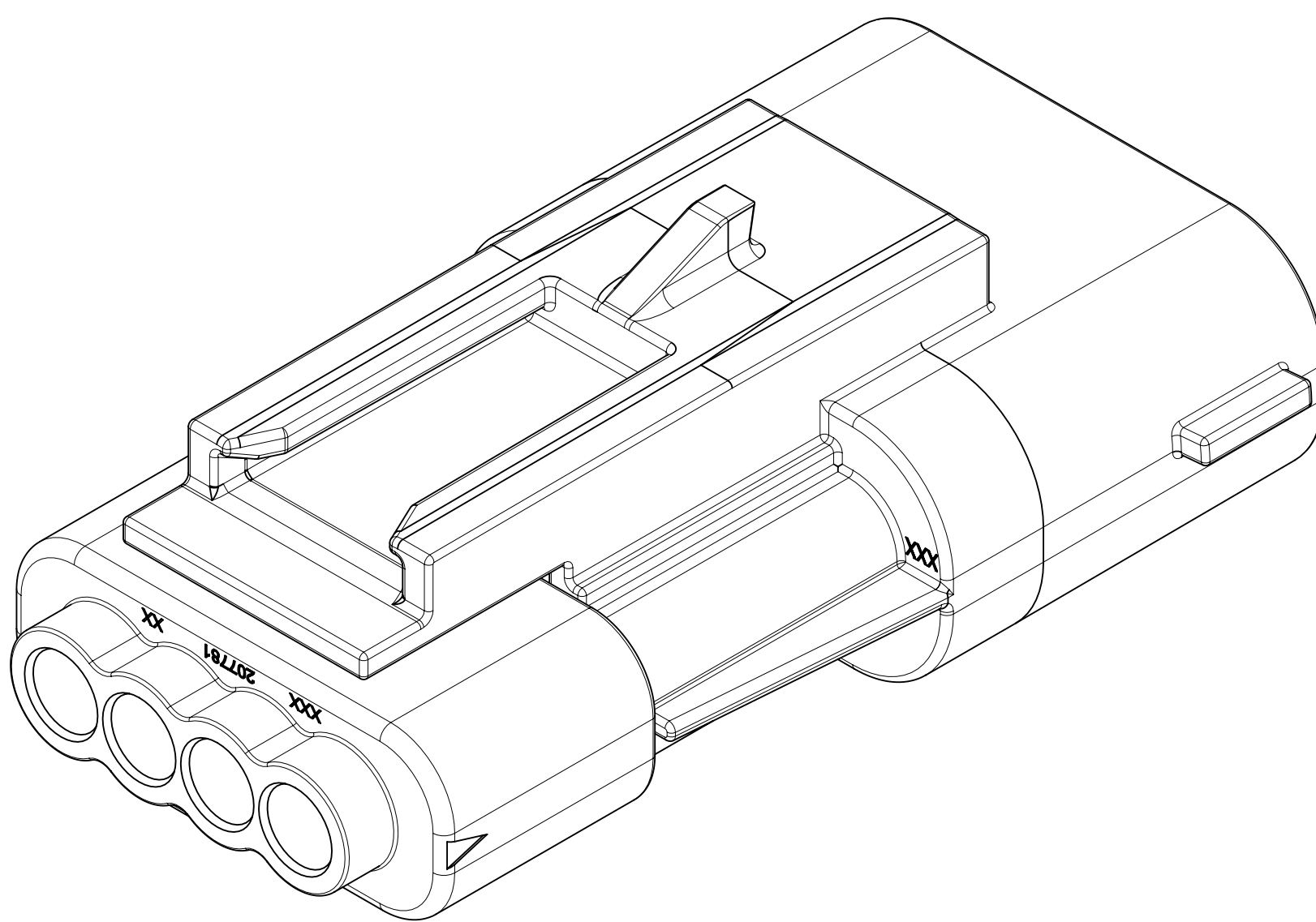
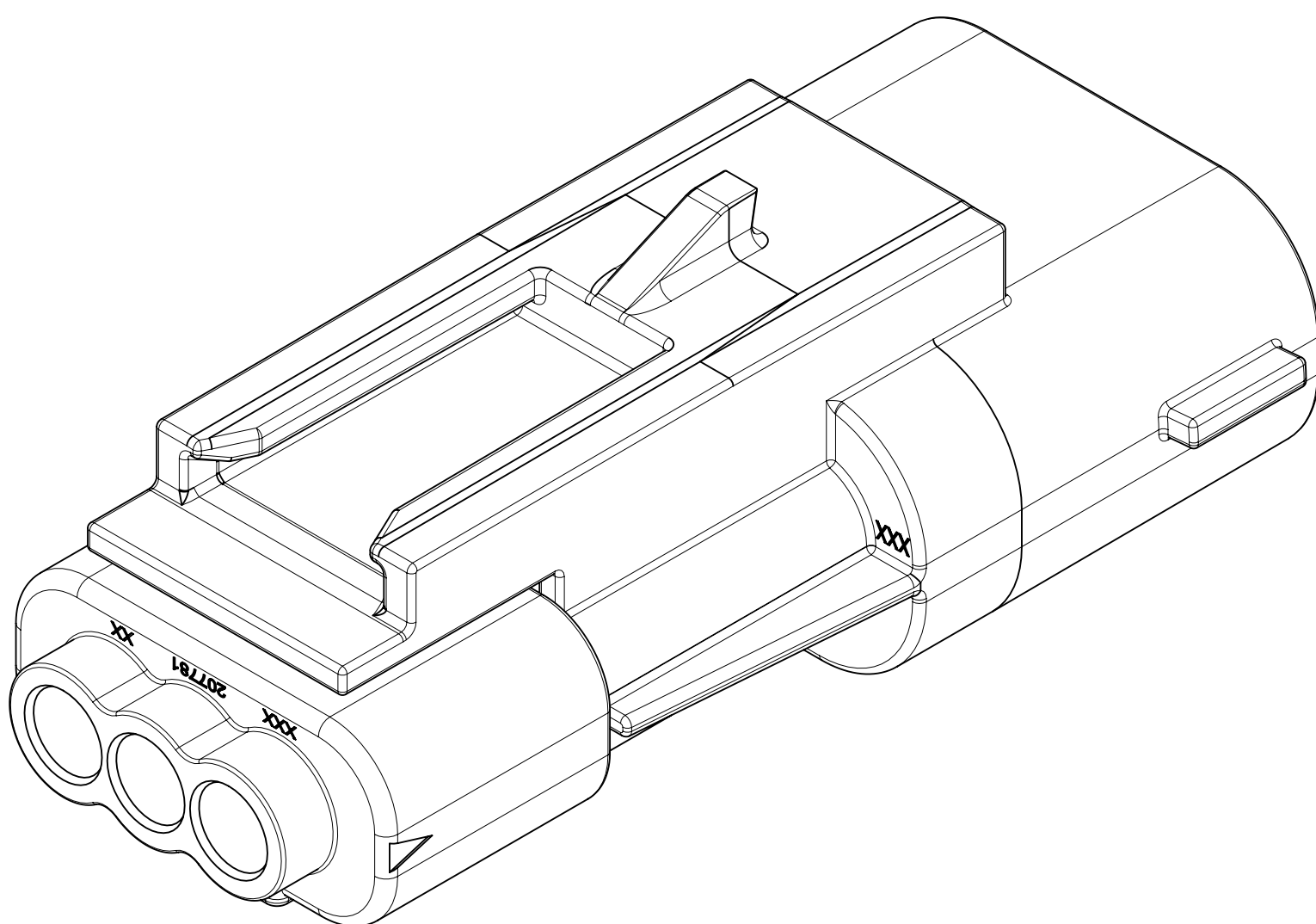
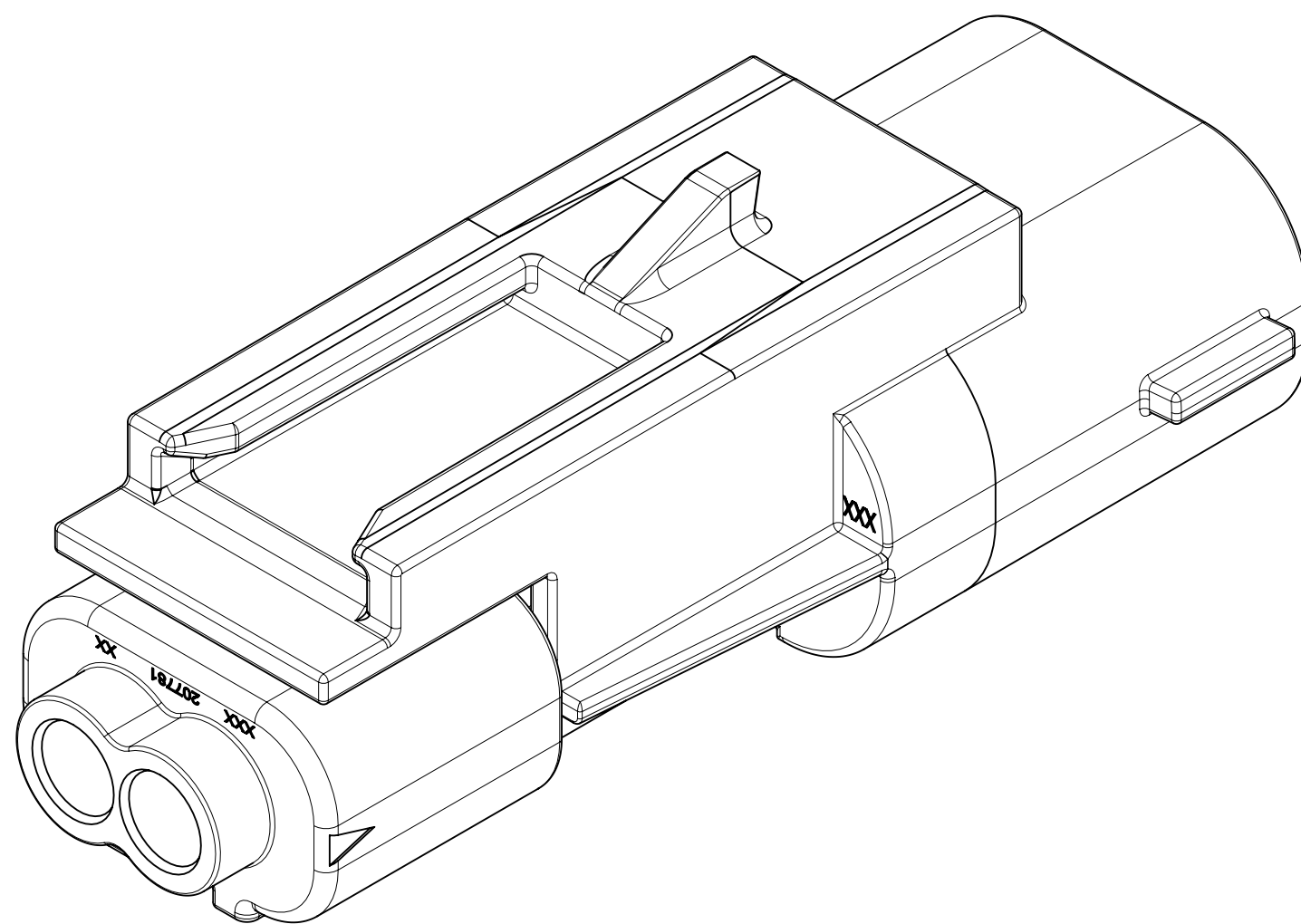
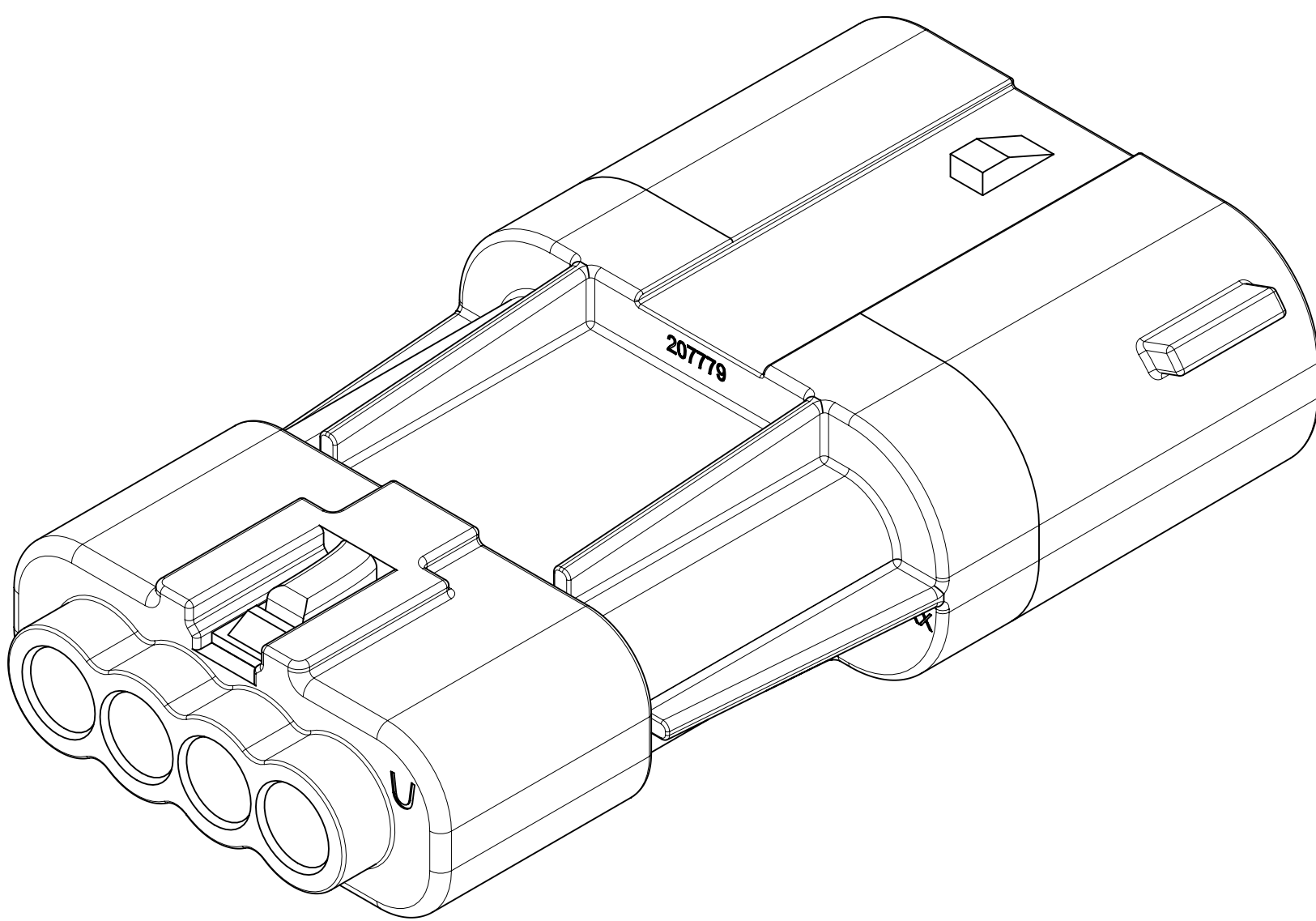
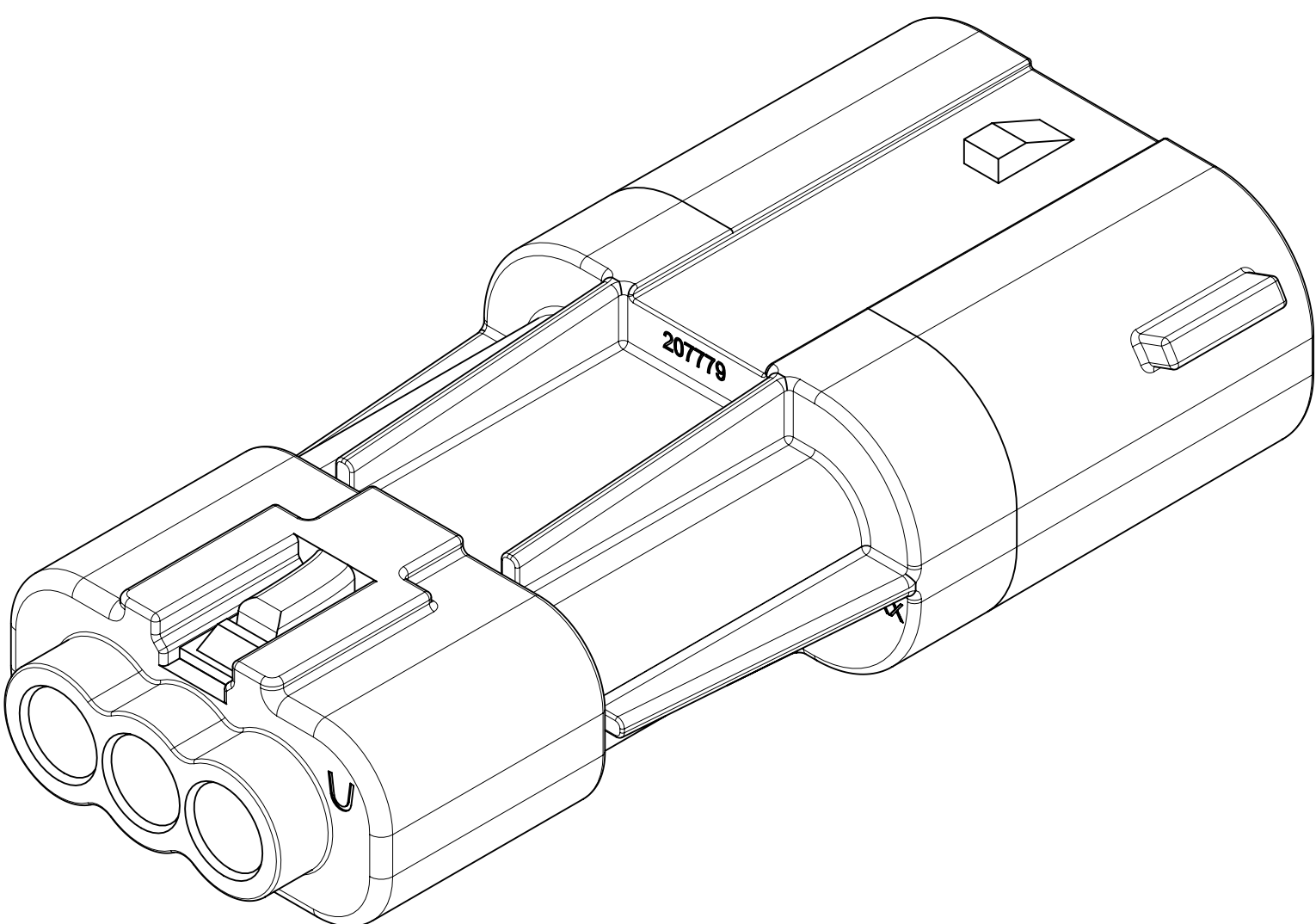
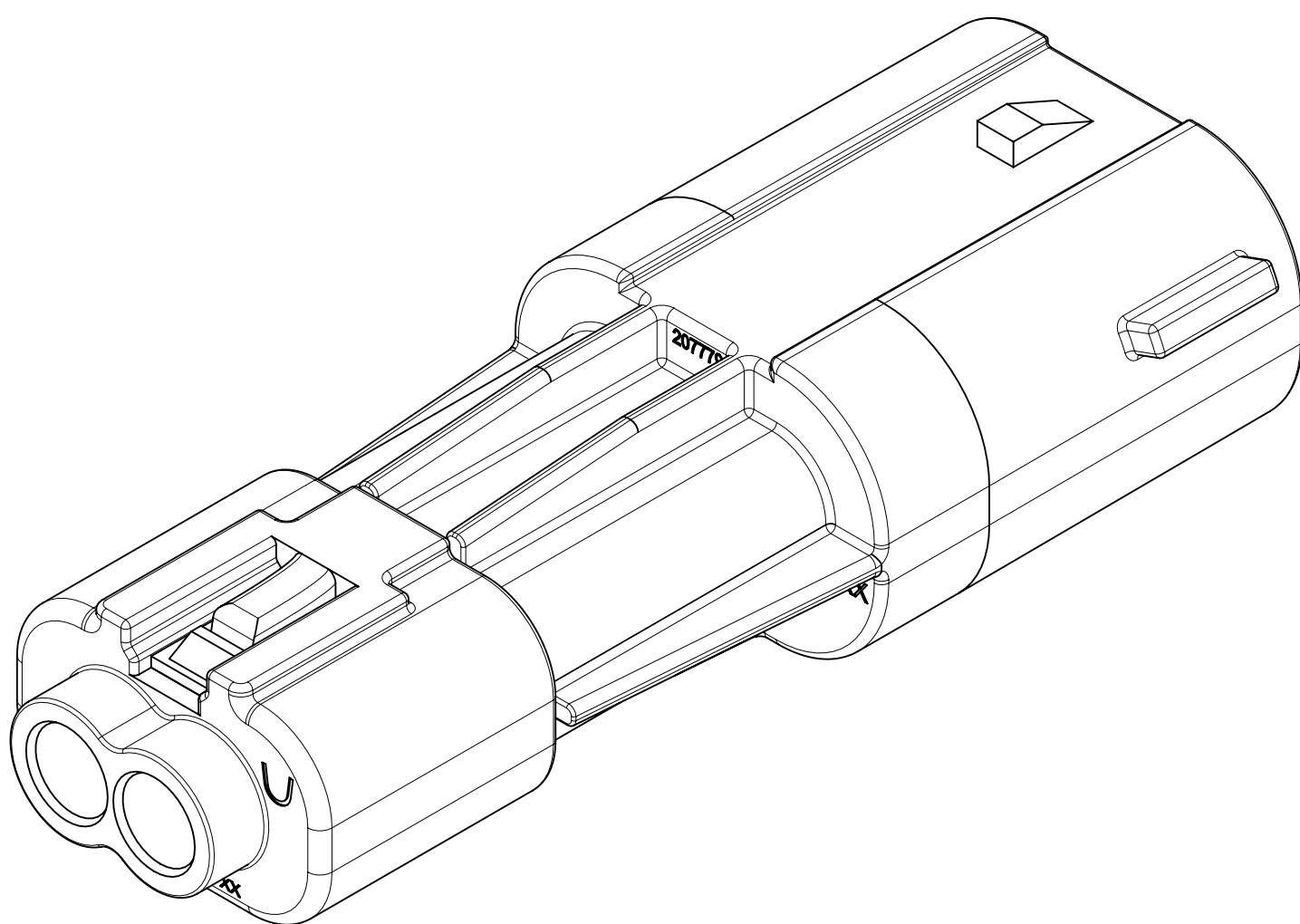
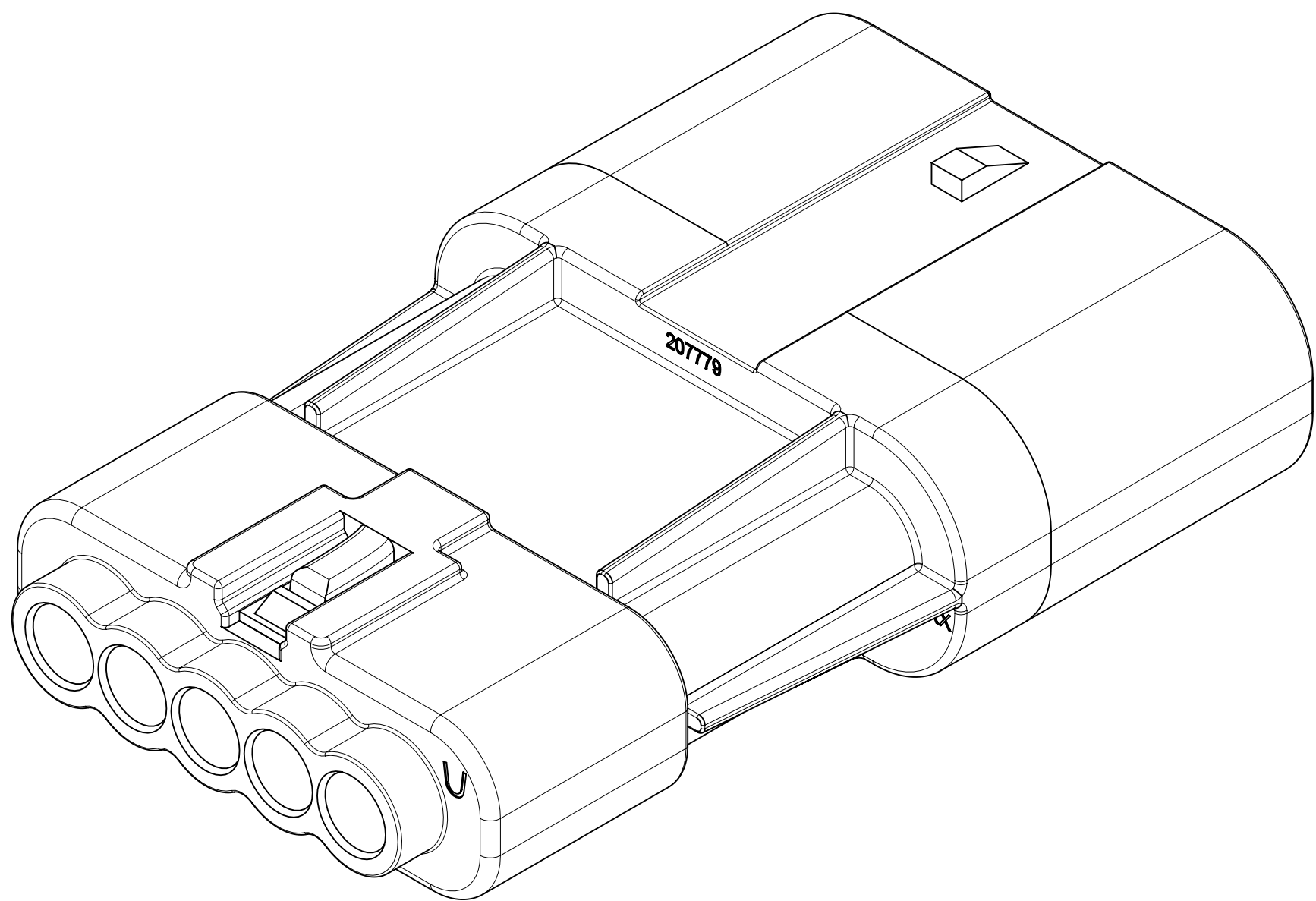
3 CKT



4 CKT



5 CKT

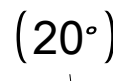


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FUNCTIONAL SYMBOLS	
A = 0 E = 0 P = 0	
DIVISIONAL SYMBOLS	
DIMENSION UNITS	
SCALE	
CURRENT REV DESC:	
mm	
5:1	
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL ± °	
4 PLACES ±	
3 PLACES ±	
2 PLACES ±	
1 PLACE ± 0.3	
0 PLACES ±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
THIRD ANGLE PROJECTION	
DRAWING	
SERIES	
E-SIZE	
207778	
EC NO: 792212	
DRWN: KARTHG3	
CHK'D: KARTHG3	
APPR: MRAMAKRISHNA	
INITIAL REVISION:	
DRWN: MUM	
APPR: NCSR	
2024/03/05	
2024/07/12	
2024/07/15	
2019/01/30	
2019/07/03	
molex	
PLUG ASSEMBLY	
SQUBA 3.6	
PRODUCT CUSTOMER DRAWING	
DOCUMENT NUMBER	
DOC TYPE	
DOC PART	
REVISION	
2077780000-SD	
PSD	
000	
E1	
MATERIAL NUMBER	
CUSTOMER	
SHEET NUMBER	
SEE TABLE	
GENERAL MARKET	
1 OF 6	

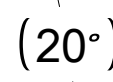
DOCUMENT STATUS	P1	RELEASE DATE	2024/07/15	11:52:06
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E1

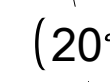
KEY A, RED COLOR



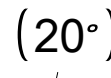
KEY B, NATURAL COLOR



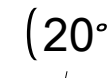
KEY C, GRAY COLOR



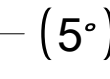
KEY D, YELLOW COLOR



KEY E, BROWN COLOR



KEY F, ORANGE COLOR

CHARTED DIMENSIONS (E1)

NOTE: KEYING CONFIGURATIONS WILL REMAIN SAME IN 2 & 3 CKT

CURRENT REV DESC:

molex

PLUG ASSEMBLY

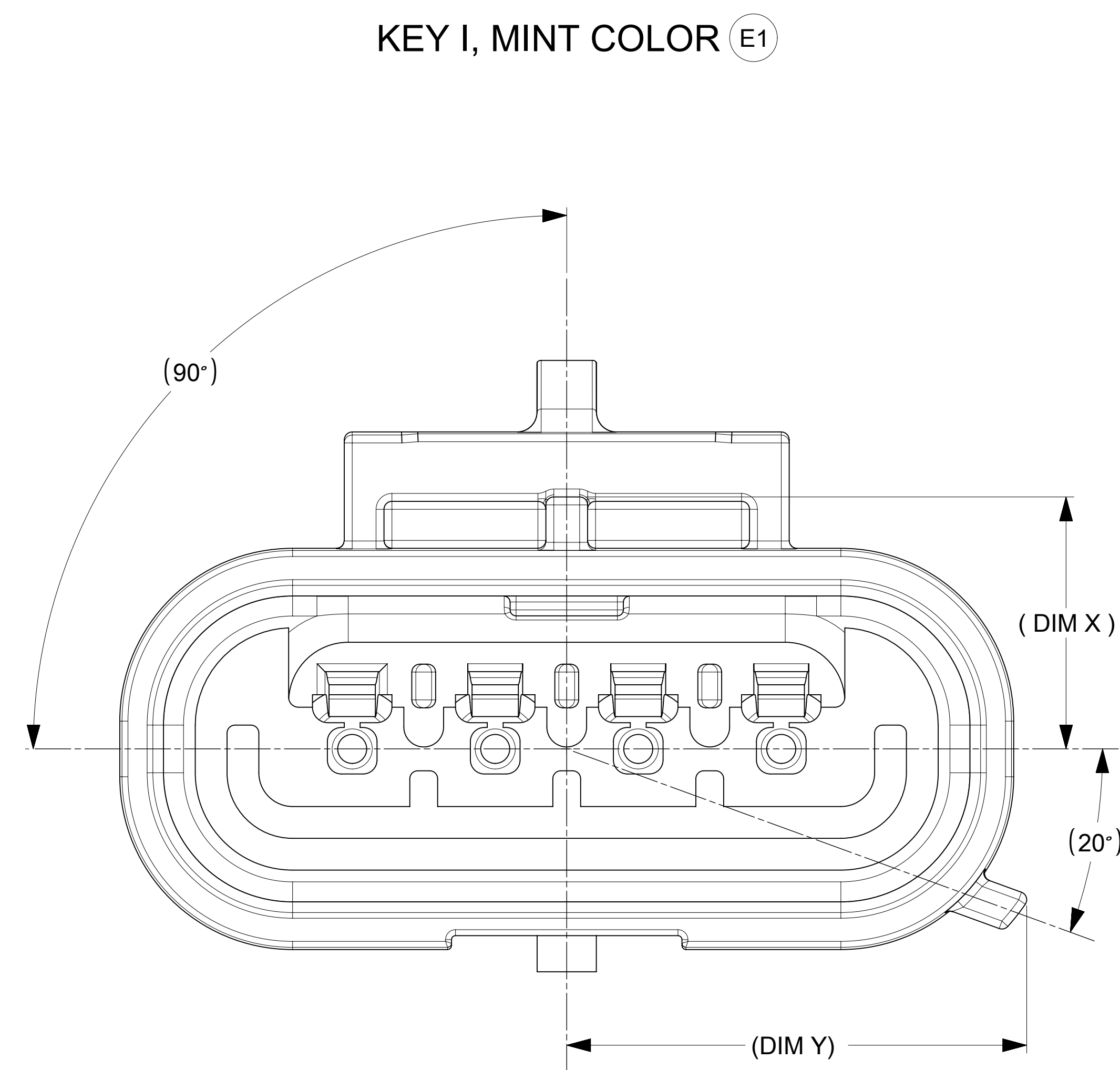
SQUBA 3.6

DOCUMENT NUMBER

2077780000-SD

CUSTOMER	
GENERAL MARKET	

P1	RELEASE DATE	2024/07/15	11:52:06
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NOTE: KEYING CONFIGURATIONS WILL REMAIN SAME IN 2 & 3 CKT.

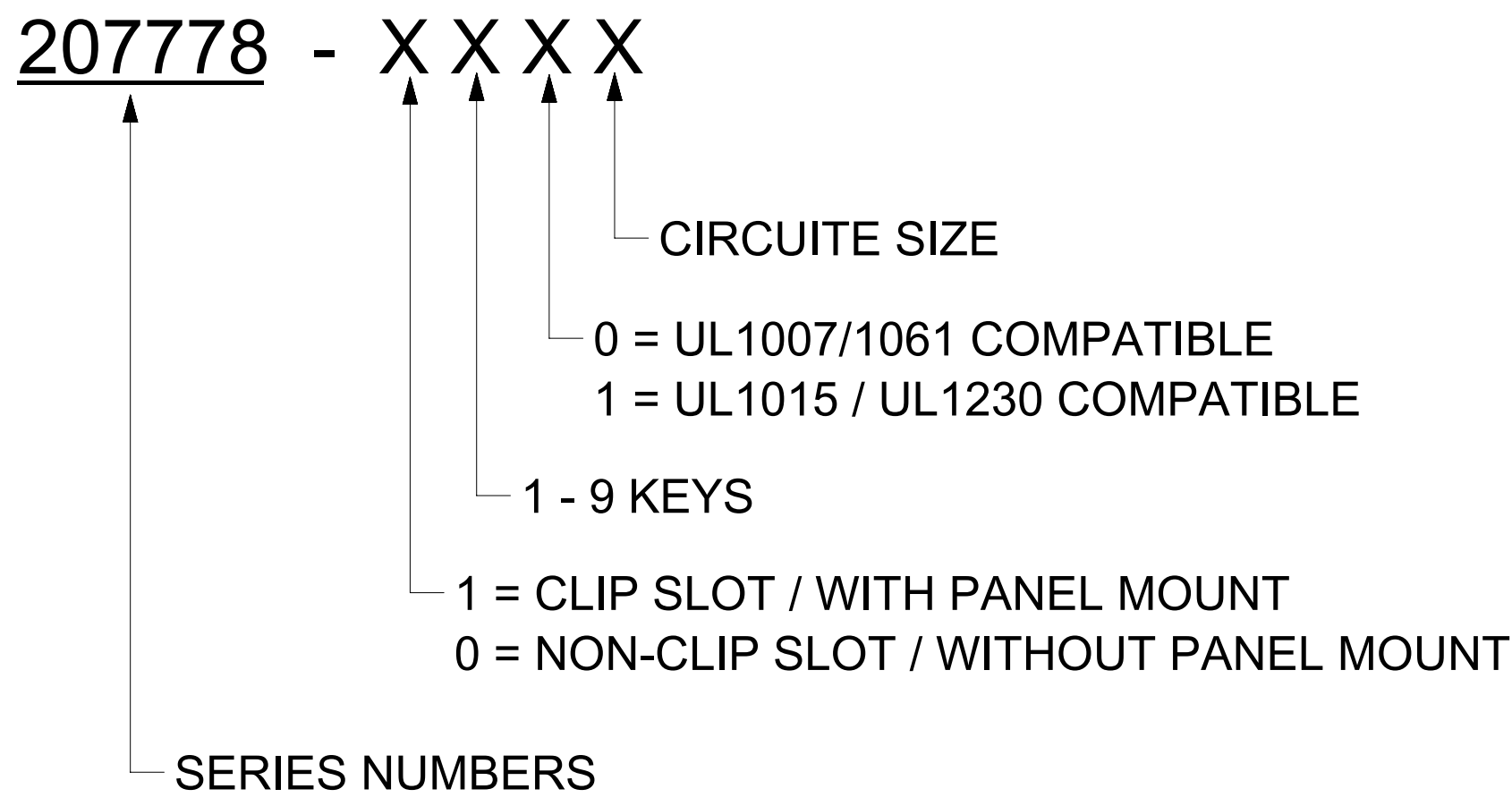
A	DOCUMENT STATUS	P1	RELEASE DATE	2024/07/15	11:52:06
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PART NUMBER DETAILS				
WITHOUT KEY P/N	WIRE STYLE	NO. OF CIRCUITS	KEYING CONFIGURATION	COLOR
2077780002	UL1007 / UL1061 OR EQUIVALENT	2	NA	BLACK
2077780003	UL1007 / UL1061 OR EQUIVALENT	3	NA	BLACK
2077780004	UL1007 / UL1061 OR EQUIVALENT	4	NA	BLACK
2077780005*	UL1007 / UL1061 OR EQUIVALENT	5	NA	BLACK
WITH KEY P/N				
2077780102	UL1007 / UL1061 OR EQUIVALENT	2	1	RED
2077780202	UL1007 / UL1061 OR EQUIVALENT	2	2	NATURAL
2077780302	UL1007 / UL1061 OR EQUIVALENT	2	3	GRAY
2077780402	UL1007 / UL1061 OR EQUIVALENT	2	4	YELLOW
2077780502	UL1007 / UL1061 OR EQUIVALENT	2	5	BROWN
2077780602	UL1007 / UL1061 OR EQUIVALENT	2	6	ORANGE
2077780702	UL1007 / UL1061 OR EQUIVALENT	2	7	BLUE
2077780802	UL1007 / UL1061 OR EQUIVALENT	2	8	GREEN
2077780902	UL1007 / UL1061 OR EQUIVALENT	2	9	MINT
2077780103	UL1007 / UL1061 OR EQUIVALENT	3	1	RED
2077780203	UL1007 / UL1061 OR EQUIVALENT	3	2	NATURAL
2077780303	UL1007 / UL1061 OR EQUIVALENT	3	3	GRAY
2077780403	UL1007 / UL1061 OR EQUIVALENT	3	4	YELLOW
2077780503	UL1007 / UL1061 OR EQUIVALENT	3	5	BROWN
2077780603	UL1007 / UL1061 OR EQUIVALENT	3	6	ORANGE
2077780703	UL1007 / UL1061 OR EQUIVALENT	3	7	BLUE
2077780803	UL1007 / UL1061 OR EQUIVALENT	3	8	GREEN
2077780903	UL1007 / UL1061 OR EQUIVALENT	3	9	MINT
2077780104	UL1007 / UL1061 OR EQUIVALENT	4	1	RED
2077780204	UL1007 / UL1061 OR EQUIVALENT	4	2	NATURAL
2077780304	UL1007 / UL1061 OR EQUIVALENT	4	3	GRAY
2077780404	UL1007 / UL1061 OR EQUIVALENT	4	4	YELLOW
2077780504	UL1007 / UL1061 OR EQUIVALENT	4	5	BROWN
2077780604	UL1007 / UL1061 OR EQUIVALENT	4	6	ORANGE
2077780704	UL1007 / UL1061 OR EQUIVALENT	4	7	BLUE
2077780804	UL1007 / UL1061 OR EQUIVALENT	4	8	GREEN
2077780904	UL1007 / UL1061 OR EQUIVALENT	4	9	MINT

*Note: Part number containing * are not tooled

PART NUMBER DETAILS				
WITH KEY AND CLIP SLOT P/N	WIRE STYLE	NO. OF CIRCUITS	KEYING CONFIGURATION	COLOR
2077781102	UL1007 / UL1061 OR EQUIVALENT	2	1	RED
2077781202	UL1007 / UL1061 OR EQUIVALENT	2	2	NATURAL
2077781302	UL1007 / UL1061 OR EQUIVALENT	2	3	GRAY
2077781402	UL1007 / UL1061 OR EQUIVALENT	2	4	YELLOW
2077781502	UL1007 / UL1061 OR EQUIVALENT	2	5	BROWN
2077781602	UL1007 / UL1061 OR EQUIVALENT	2	6	ORANGE
2077781702	UL1007 / UL1061 OR EQUIVALENT	2	7	BLUE
2077781802	UL1007 / UL1061 OR EQUIVALENT	2	8	GREEN
2077781902	UL1007 / UL1061 OR EQUIVALENT	2	9	MINT
2077781103	UL1007 / UL1061 OR EQUIVALENT	3	1	RED
2077781203	UL1007 / UL1061 OR EQUIVALENT	3	2	NATURAL
2077781303	UL1007 / UL1061 OR EQUIVALENT	3	3	GRAY
2077781403	UL1007 / UL1061 OR EQUIVALENT	3	4	YELLOW
2077781503	UL1007 / UL1061 OR EQUIVALENT	3	5	BROWN
2077781603	UL1007 / UL1061 OR EQUIVALENT	3	6	ORANGE
2077781703	UL1007 / UL1061 OR EQUIVALENT	3	7	BLUE
2077781803	UL1007 / UL1061 OR EQUIVALENT	3	8	GREEN
2077781903	UL1007 / UL1061 OR EQUIVALENT	3	9	MINT
2077781104	UL1007 / UL1061 OR EQUIVALENT	4	1	RED
2077781204	UL1007 / UL1061 OR EQUIVALENT	4	2	NATURAL
2077781304	UL1007 / UL1061 OR EQUIVALENT	4	3	GRAY
2077781404	UL1007 / UL1061 OR EQUIVALENT	4	4	YELLOW
2077781504	UL1007 / UL1061 OR EQUIVALENT	4	5	BROWN
2077781604	UL1007 / UL1061 OR EQUIVALENT	4	6	ORANGE
2077781704	UL1007 / UL1061 OR EQUIVALENT	4	7	BLUE
2077781804	UL1007 / UL1061 OR EQUIVALENT	4	8	GREEN
2077781904	UL1007 / UL1061 OR EQUIVALENT	4	9	MINT

PART NUMBER LOGIC



FUNCTIONAL SYMBOLS

0

mm

1:1

0

GENERAL TOLERANCES (UNLESS SPECIFIED)

0

ANGULAR TOL

±

°

0

4 PLACES

±

0

3 PLACES

±

0

2 PLACES

±

0

1 PLACE

±

0.3

0

0 PLACES

±

0

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIVISIONAL SYMBOLS

0

THIRD ANGLE PROJECTION

0

DRAWING

0

SERIES

0

207778

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CURRENT REV DESC:

EC NO: 792212

DRWN: KARTHG3

CHK'D: KARTHG3

APPR: MRAMAKRISHNA

2024/03/05

2024/07/12

2024/07/15

INITIAL REVISION:

DRWN: MUM

2019/01/30

APPR: NCSR

2019/07/03

DOCUMENT NUMBER

2077780000-SD

DOC TYPE

PSD

DOC PART

000

REVISION

E1

MATERIAL NUMBER

CUSTOMER

GENERAL MARKET

SHEET NUMBER

5 OF 6

PART NUMBER DETAILS				
WITHOUT KEY P/N	WIRE STYLE	NO. OF CIRCUITS	KEYING CONFIGURATION	COLOR
2077780012	UL1015 / UL1230 OR EQUIVALENT	2	NA	BLACK
2077780013	UL1015 / UL1230 OR EQUIVALENT	3	NA	BLACK
2077780014	UL1015 / UL1230 OR EQUIVALENT	4	NA	BLACK
WITH KEY P/N				
2077780112	UL1015 / UL1230 OR EQUIVALENT	2	1	RED
2077780212	UL1015 / UL1230 OR EQUIVALENT	2	2	NATURAL
2077780312	UL1015 / UL1230 OR EQUIVALENT	2	3	GRAY
2077780412	UL1015 / UL1230 OR EQUIVALENT	2	4	YELLOW
2077780512	UL1015 / UL1230 OR EQUIVALENT	2	5	BROWN
2077780612	UL1015 / UL1230 OR EQUIVALENT	2	6	ORANGE
2077780712	UL1015 / UL1230 OR EQUIVALENT	2	7	BLUE
2077780812	UL1015 / UL1230 OR EQUIVALENT	2	8	GREEN
2077780912	UL1015 / UL1230 OR EQUIVALENT	2	9	MINT
2077780113	UL1015 / UL1230 OR EQUIVALENT	3	1	RED
2077780213	UL1015 / UL1230 OR EQUIVALENT	3	2	NATURAL
2077780313	UL1015 / UL1230 OR EQUIVALENT	3	3	GRAY
2077780413	UL1015 / UL1230 OR EQUIVALENT	3	4	YELLOW
2077780513	UL1015 / UL1230 OR EQUIVALENT	3	5	BROWN
2077780613	UL1015 / UL1230 OR EQUIVALENT	3	6	ORANGE
2077780713	UL1015 / UL1230 OR EQUIVALENT	3	7	BLUE
2077780813	UL1015 / UL1230 OR EQUIVALENT	3	8	GREEN
2077780913	UL1015 / UL1230 OR EQUIVALENT	3	9	MINT
2077780114	UL1015 / UL1230 OR EQUIVALENT	4	1	RED
2077780214	UL1015 / UL1230 OR EQUIVALENT	4	2	NATURAL
2077780314	UL1015 / UL1230 OR EQUIVALENT	4	3	GRAY
2077780414	UL1015 / UL1230 OR EQUIVALENT	4	4	YELLOW
2077780514	UL1015 / UL1230 OR EQUIVALENT	4	5	BROWN
2077780614	UL1015 / UL1230 OR EQUIVALENT	4	6	ORANGE
2077780714	UL1015 / UL1230 OR EQUIVALENT	4	7	BLUE
2077780814	UL1015 / UL1230 OR EQUIVALENT	4	8	GREEN
2077780914	UL1015 / UL1230 OR EQUIVALENT	4	9	MINT

PART NUMBER DETAILS				
WITH KEY AND CLIP SLOT P/N	WIRE STYLE	NO. OF CIRCUITS	KEYING CONFIGURATION	COLOR
2077781112	UL1015 / UL1230 OR EQUIVALENT	2	1	RED
2077781212	UL1015 / UL1230 OR EQUIVALENT	2	2	NATURAL
2077781312	UL1015 / UL1230 OR EQUIVALENT	2	3	GRAY
2077781412	UL1015 / UL1230 OR EQUIVALENT	2	4	YELLOW
2077781512	UL1015 / UL1230 OR EQUIVALENT	2	5	BROWN
2077781612	UL1015 / UL1230 OR EQUIVALENT	2	6	ORANGE
2077781712	UL1015 / UL1230 OR EQUIVALENT	2	7	BLUE
2077781812	UL1015 / UL1230 OR EQUIVALENT	2	8	GREEN
2077781912	UL1015 / UL1230 OR EQUIVALENT	2	9	MINT
2077781113	UL1015 / UL1230 OR EQUIVALENT	3	1	RED
2077781213	UL1015 / UL1230 OR EQUIVALENT	3	2	NATURAL
2077781313	UL1015 / UL1230 OR EQUIVALENT	3	3	GRAY
2077781413	UL1015 / UL1230 OR EQUIVALENT	3	4	YELLOW
2077781513	UL1015 / UL1230 OR EQUIVALENT	3	5	BROWN
2077781613	UL1015 / UL1230 OR EQUIVALENT	3	6	ORANGE
2077781713	UL1015 / UL1230 OR EQUIVALENT	3	7	BLUE
2077781813	UL1015 / UL1230 OR EQUIVALENT	3	8	GREEN
2077781913	UL1015 / UL1230 OR EQUIVALENT	3	9	MINT
2077781114	UL1015 / UL1230 OR EQUIVALENT	4	1	RED
2077781214	UL1015 / UL1230 OR EQUIVALENT	4	2	NATURAL
2077781314	UL1015 / UL1230 OR EQUIVALENT	4	3	GRAY
2077781414	UL1015 / UL1230 OR EQUIVALENT	4	4	YELLOW
2077781514	UL1015 / UL1230 OR EQUIVALENT	4	5	BROWN
2077781614	UL1015 / UL1230 OR EQUIVALENT	4	6	ORANGE
2077781714	UL1015 / UL1230 OR EQUIVALENT	4	7	BLUE
2077781814	UL1015 / UL1230 OR EQUIVALENT	4	8	GREEN
2077781914	UL1015 / UL1230 OR EQUIVALENT	4	9	MINT

207778 - X X X X

↑

↑

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↑

CIRCUITE SIZE

0 = UL1007/1061 COMPATIBLE

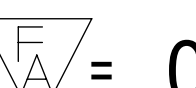
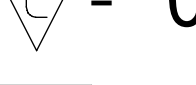
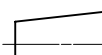
1 = UL1015 / UL1230 COMPATIBLE

1 - 9 KEYS

1 = CLIP SLOT / WITH PANEL MOUNT

0 = NON-CLIP SLOT / WITHOUT PANEL MOUNT

SERIES NUMBERS

FUNCTIONAL SYMBOLS  = 0  = 0  = 0		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: mm SCALE: 1:1		CURRENT REV DESC: EC NO: 792212 DRWN: KARTHG3 2024/03/05 CHK'D: KARTHG3 2024/07/12 APPR: MRAMAKRISHNA 2024/07/15		 PLUG ASSEMBLY SQUBA 3.6			
DIVISIONAL SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ±		INITIAL REVISION: DRWN: MUM 2019/01/30 APPR: MCSR 2019/07/03		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER DOC TYPE DOC PART REVISION 2077780000-SD PSD 000 E1			
3 PLACES ± 2 PLACES ± 1 PLACE ± 0.3 0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  		THIRD ANGLE PROJECTION DRAWING SERIES E-SIZE 207778		MATERIAL NUMBER CUSTOMER GENERAL MARKET		SHEET NUMBER 6 OF 6	