

CIRCUIT CONFIGURATIONS

RECEPTACLE ASSEMBLY

RECEPTACLE ASSEMBLY
WITH KEY AND WITHOUT CPA

RECEPTACLE ASSEMBLY
WITH KEY AND CPA

2CKT
NOT AVAILABLE

RECEPTACLE ASSEMBLY
WITHOUT KEY

RECEPTACLE ASSEMBLY
WITH KEY AND WITHOUT CPA

RECEPTACLE ASSEMBLY
WITH KEY AND CPA

2 CKT

4 CKT

6 CKT

8 CKT

10 CKT

COLOR REPRESENTATION

HOUSING
(BLACK)

REAR SEAL CAP
(BLACK)

HOUSING
(NATURAL)
SEE NOTE 10

REAR SEAL CAP WITH KEY
(COLORED)

HOUSING
(NATURAL)
SEE NOTE 10

CPA
(RED)

REAR SEAL CAP WITH KEY
(COLORED)

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FP = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	DIMENSION UNITS	SCALE	CURRENT REV DESC:							
	mm	4:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	ANGULAR TOL ± 0.5°									
DIVISIONAL SYMBOLS	4 PLACES	±	EC NO: 833145							
	3 PLACES	±	DRWN: SUAIFR 2025/08/29							
	2 PLACES	± 0.1	CHK'D: SUAIFR 2025/08/29							
	1 PLACE	± 0.2	APPR: GANESY 2025/08/29							
	0 PLACES	±	INITIAL REVISION: DRWN: TGREGORI 2017/04/26 APPR: RHODGE 2018/01/26							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
				D-SIZE	204220	SEE TABLE	GENERAL MARKET	1 OF 6		

molex

RECEPTACLE ASSEMBLY
SQUBA 1.8

PRODUCT CUSTOMER DRAWING

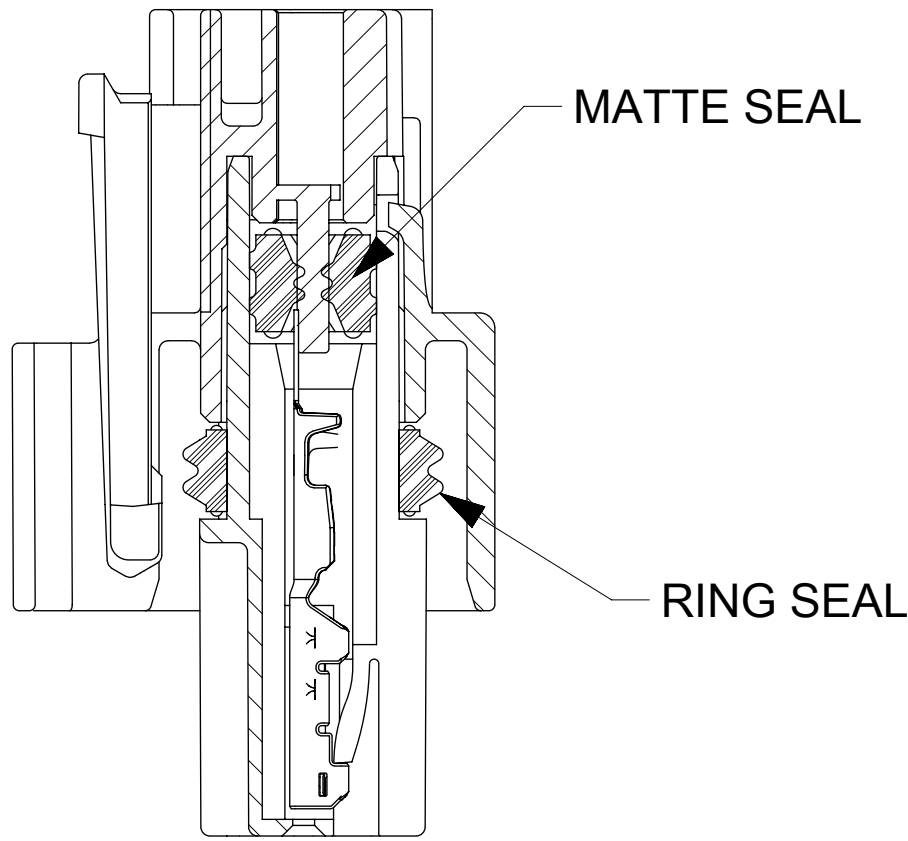
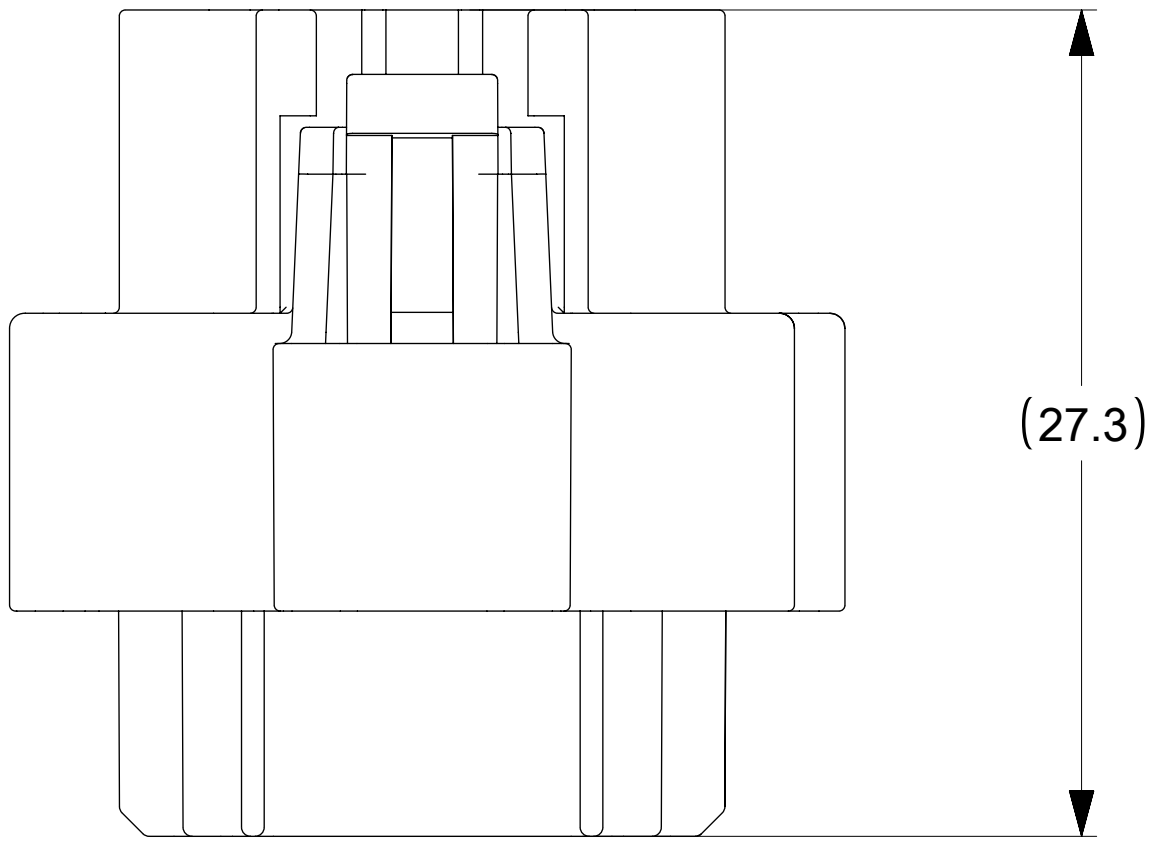
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2042200000-SD

DOC TYPE
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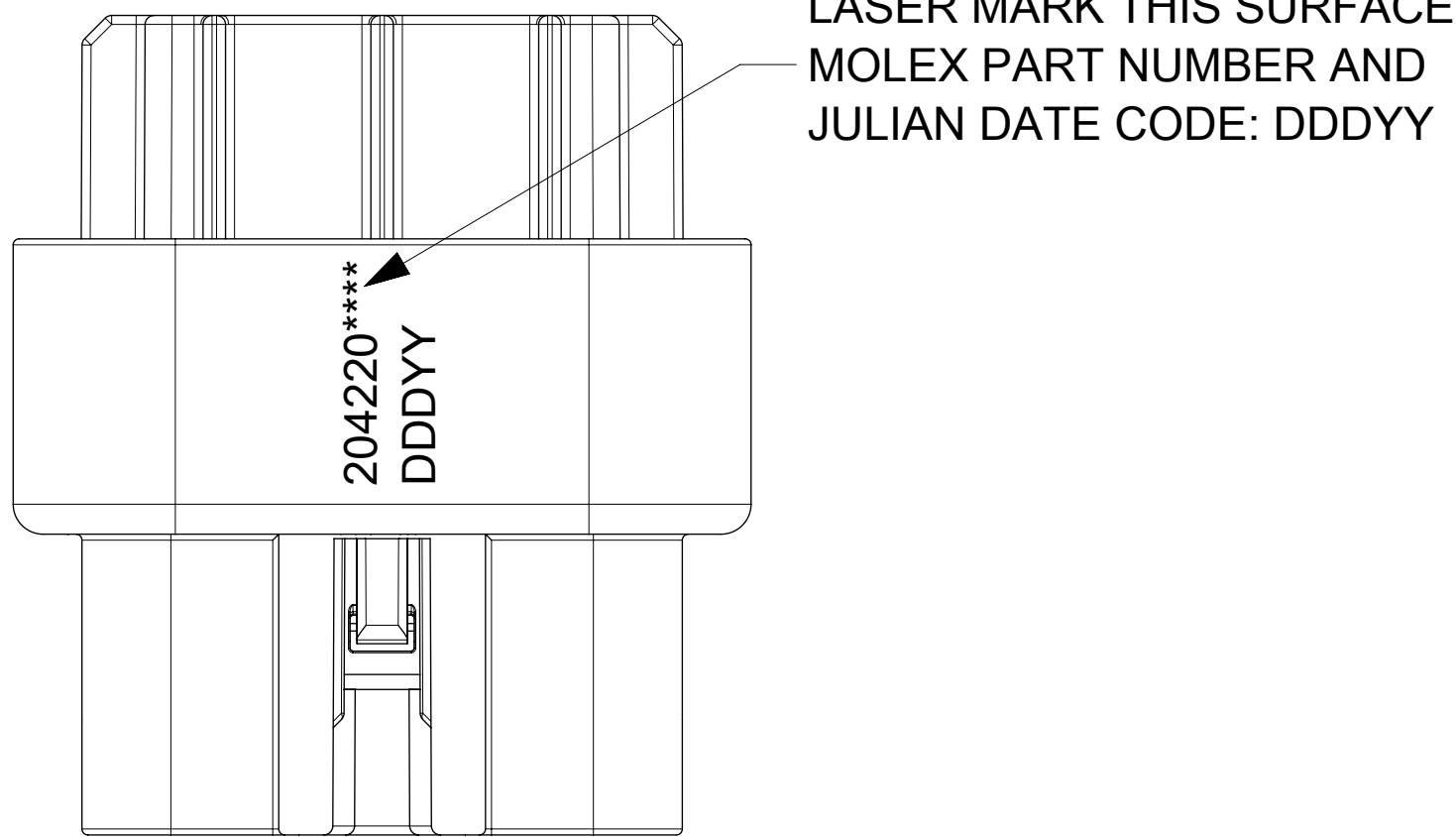
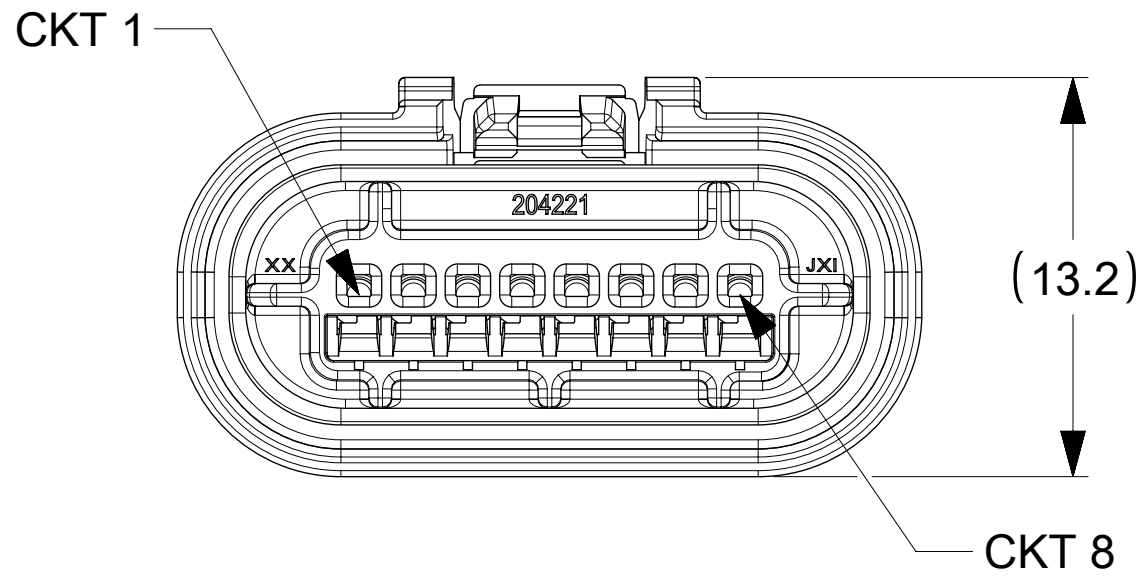
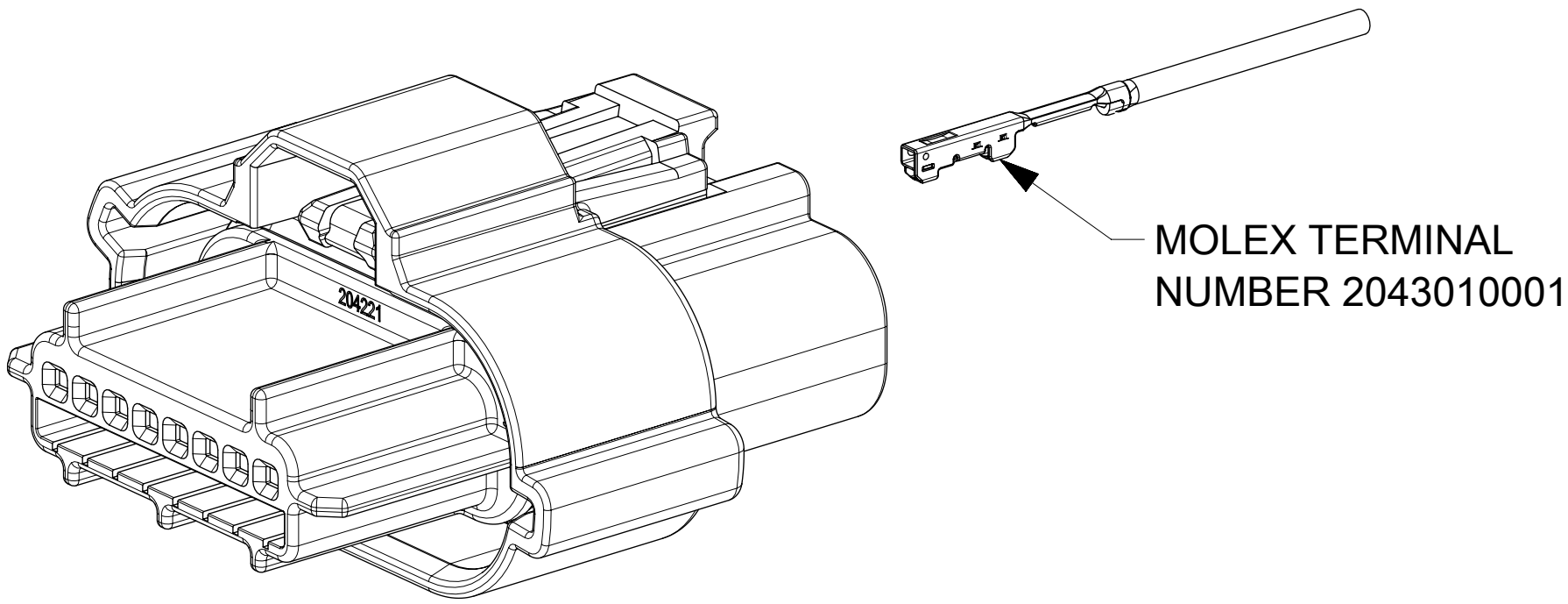
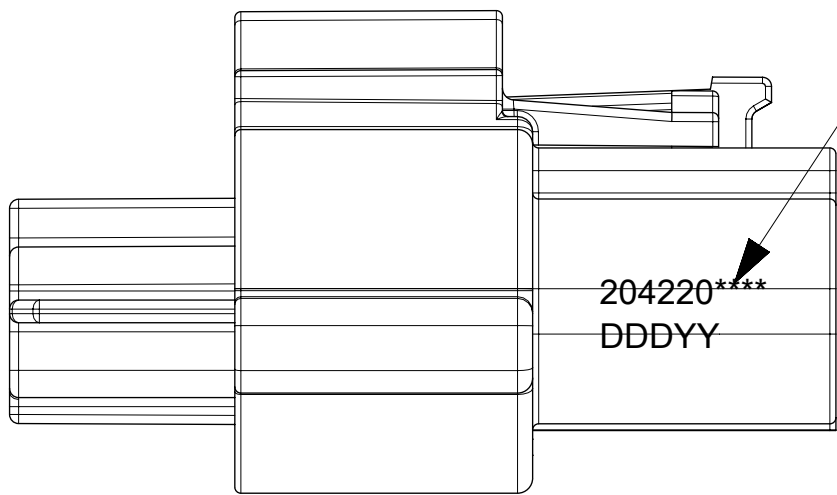
DOC PART
000

REVISION
C5

RECEPTACLE ASSEMBLY



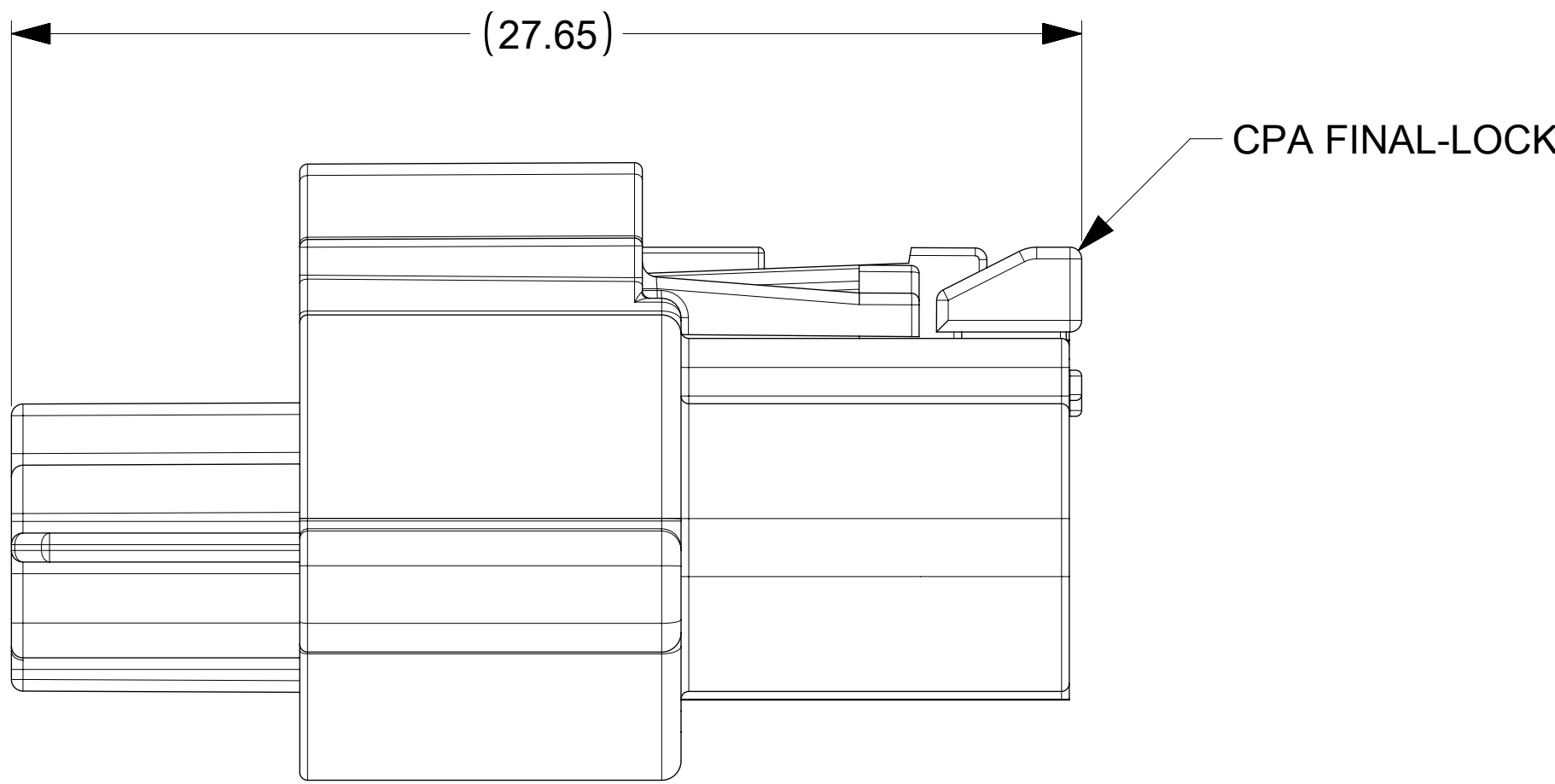
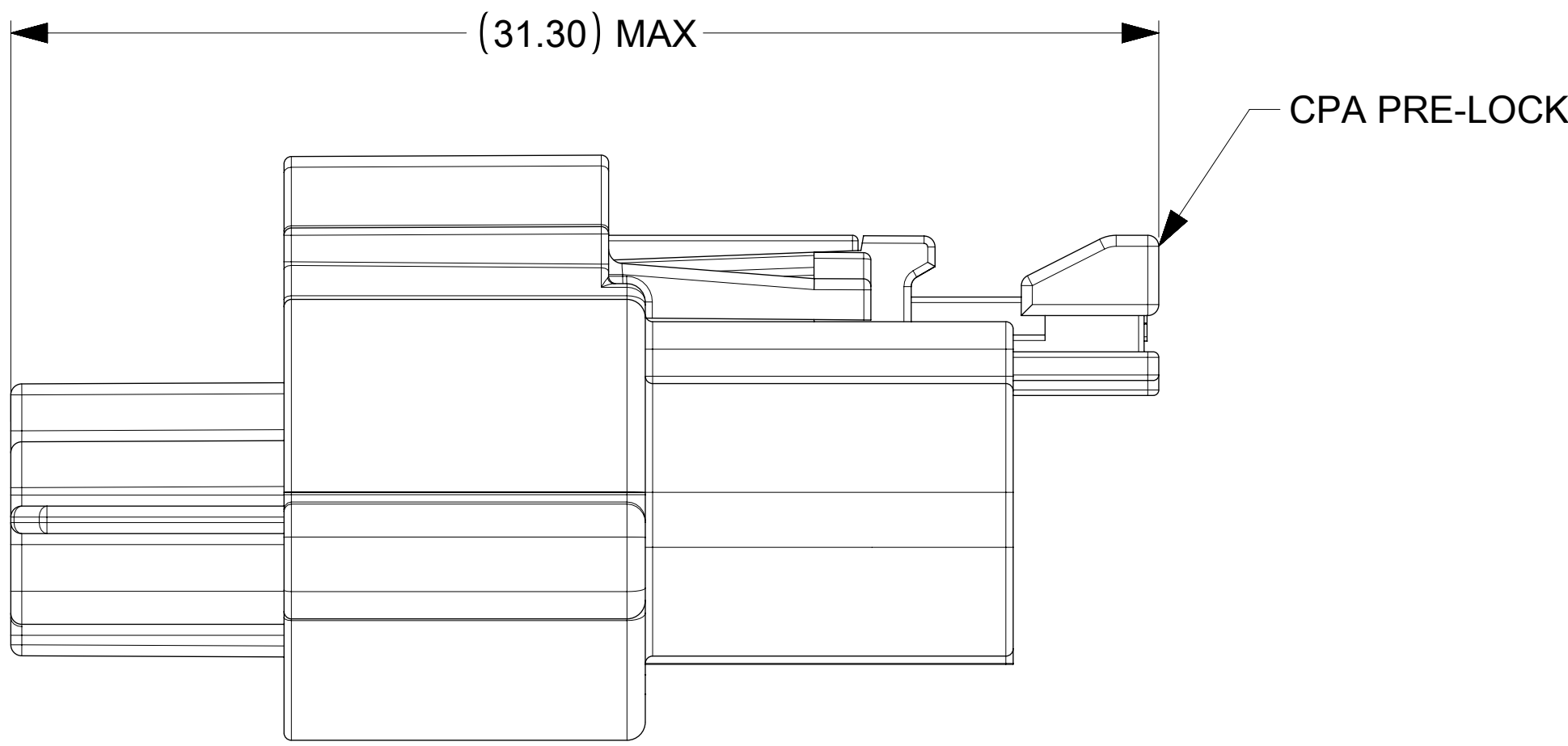
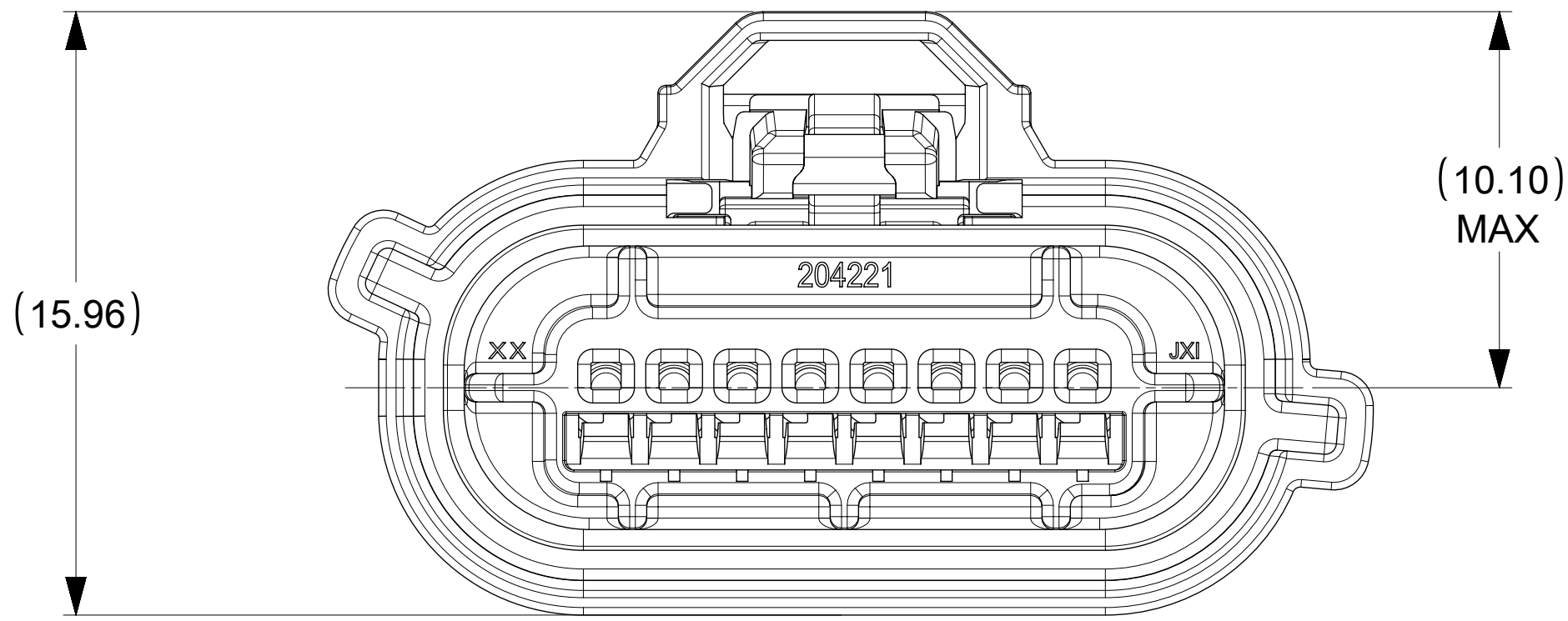
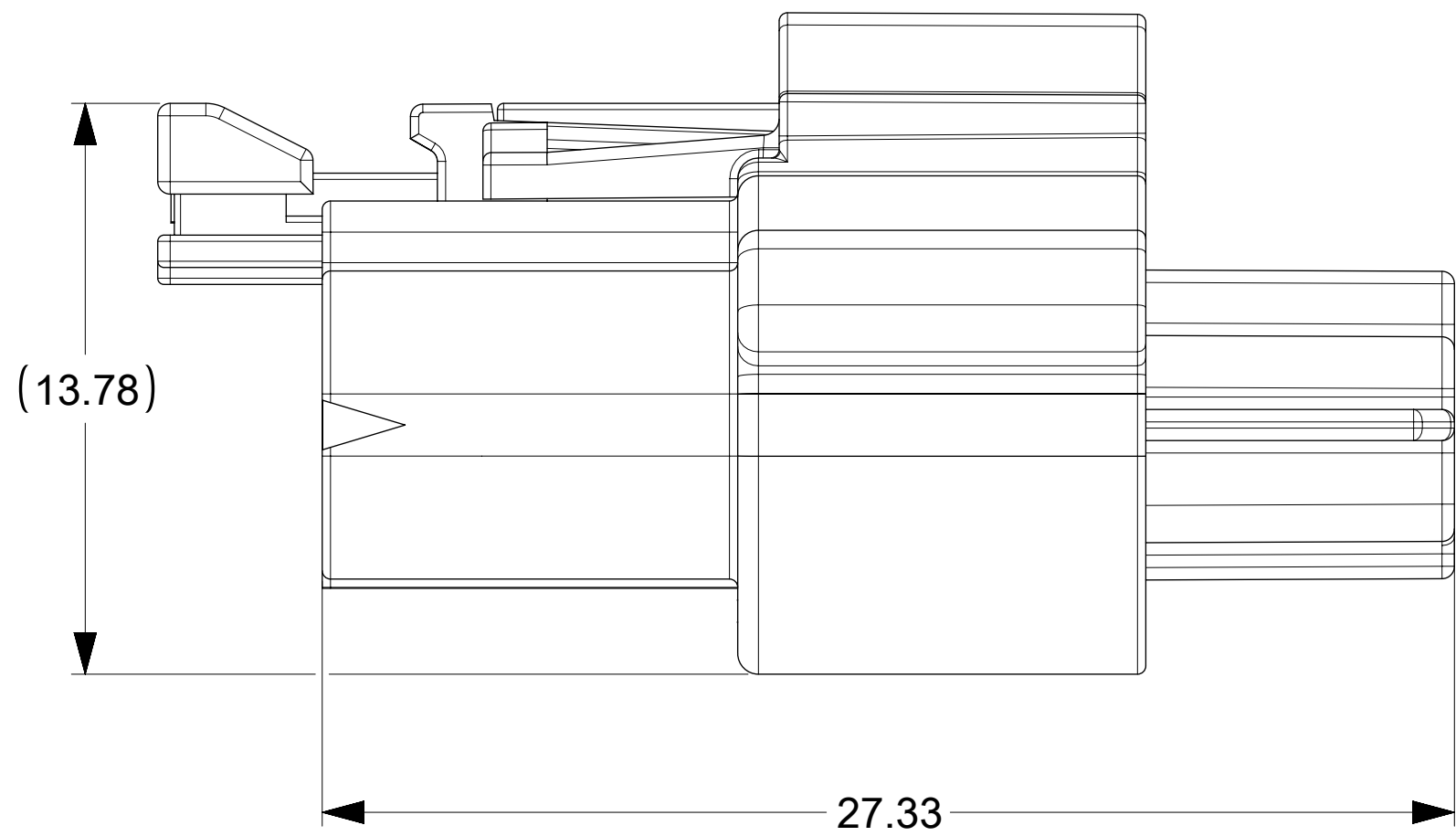
LASER MARK THIS SURFACE
MOLEX PART NUMBER AND
JUILAN DATE CODE: DDDYY



C5	CIRCUIT SIZE	DIM A
	2	13.8
	4	17.4
	6	21.0
	8	24.6
	10	28.2

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
A = 0 E = 0 P = 0		DIMENSION UNITS mm		SCALE 3:1		CURRENT REV DESC:				molex RECEPTACLE ASSEMBLY SQUBA 1.8					
DIVISIONAL SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)													
		ANGULAR TOL ± 0.5 °													
		4 PLACES ±		EC NO: 833145											
		3 PLACES ±		DRWN: SUAIFR 2025/08/29											
		2 PLACES ± 0.1		CHK'D: SUAIFR 2025/08/29											
1 PLACE ± 0.2		APPR: GANESY 2025/08/29		PRODUCT CUSTOMER DRAWING				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
0 PLACES ±		INITIAL REVISION:						2042200000-SD		PSD	000	C5			
		DRWN: TGREGORI 2017/04/26													
		APPR: RHODGE 2018/01/26													
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				D-SIZE		204220				SEE TABLE		GENERAL MARKET		2 OF 6	

RECEPTACLE ASSEMBLY WITH KEY AND CPA



FUNCTIONAL SYMBOLS FA = 0 GENERAL TOLERANCES (UNLESS SPECIFIED) FC = 0 ANGULAR TOL ± 0.5° FP = 0 4 PLACES ± FC = 0 3 PLACES ± FP = 0 2 PLACES ± 0.1 FC = 0 1 PLACE ± 0.2 FP = 0 0 PLACES ± DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
	DIMENSION UNITS	SCALE	CURRENT REV DESC:			FA = 0 GENERAL TOLERANCES (UNLESS SPECIFIED) FC = 0 ANGULAR TOL ± 0.5° FP = 0 4 PLACES ± FC = 0 3 PLACES ± FP = 0 2 PLACES ± 0.1 FC = 0 1 PLACE ± 0.2 FP = 0 0 PLACES ± DIVISIONAL SYMBOLS				mm		6:1	
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	ANGULAR TOL ± 0.5°				EC NO: 833145								
	4 PLACES ±				DRWN: SUAIFR			2025/08/29					
	3 PLACES ±				CHK'D: SUAIFR			2025/08/29					
	2 PLACES ± 0.1				APPR: GANESY			2025/08/29					
	1 PLACE ± 0.2				INITIAL REVISION:								
	0 PLACES ±				DRWN: TGREGORI			2017/04/26					
					APPR: RHODGE			2018/01/26					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				D-SIZE		204220		SEE TABLE		GENERAL MARKET		3 OF 6	

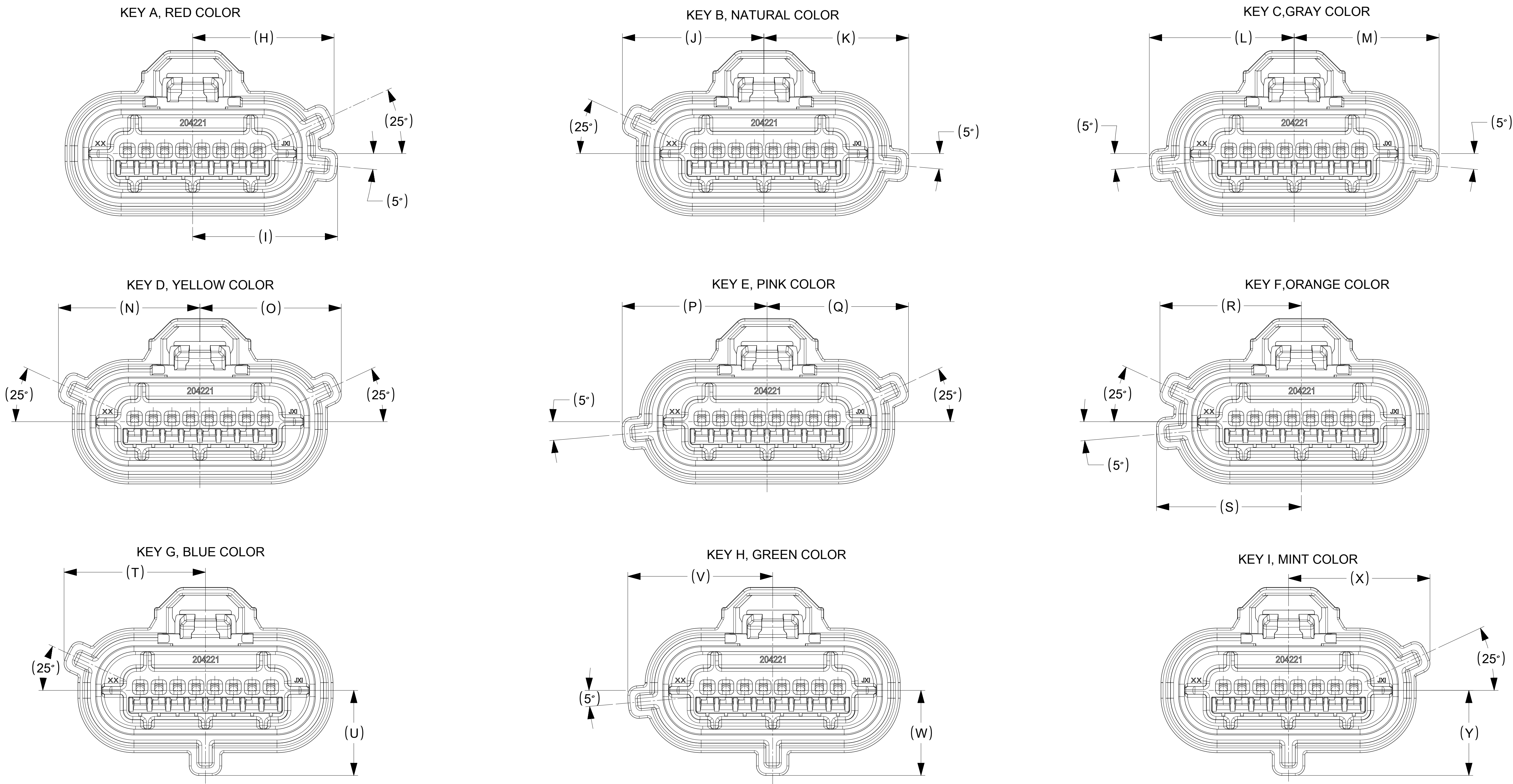
DOCUMENT STATUS

P1

RELEASE DATE

2025/08/29 08:55:33

KEYING CONFIGURATIONS



NOTE: ALL KEYING CONFIGURATIONS WILL REMAINS SAME IN 2,4,6,8 & 10 CKT.

CHARTED DIMENSIONS																		
KEYS	KEY A RED		KEY B NATURAL		KEY C GRAY		KEY D YELLOW		KEY E PINK		KEY F ORANGE		KEY G BLUE		KEY H GREEN		KEY I MINT	
DIMENSIONS	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
CKT 2	8.20	8.53	8.20	8.53	8.53	8.53	8.20	8.20	8.53	8.20	8.20	8.53	8.20	8.21	8.53	8.21	8.20	8.21
CKT 4	10.05	10.38	10.05	10.38	10.38	10.38	10.05	10.05	10.38	10.05	10.05	10.38	10.05	8.21	10.38	8.21	10.05	8.21
CKT 6	11.85	12.18	11.85	12.18	12.18	12.18	11.85	11.85	12.18	11.85	11.85	12.18	11.85	8.21	12.18	8.21	11.85	8.21
CKT 8	13.65	13.98	13.65	13.98	13.98	13.98	13.65	13.65	13.98	13.65	13.65	13.98	13.65	8.21	13.98	8.21	13.65	8.21
CKT 10	15.45	15.78	15.45	15.78	15.78	15.78	15.45	15.45	15.78	15.45	15.45	15.78	15.45	8.21	15.78	8.21	15.45	8.21
DOCUMENT STATUS		P1	RELEASE DATE			2025/08/29		08:55:33										

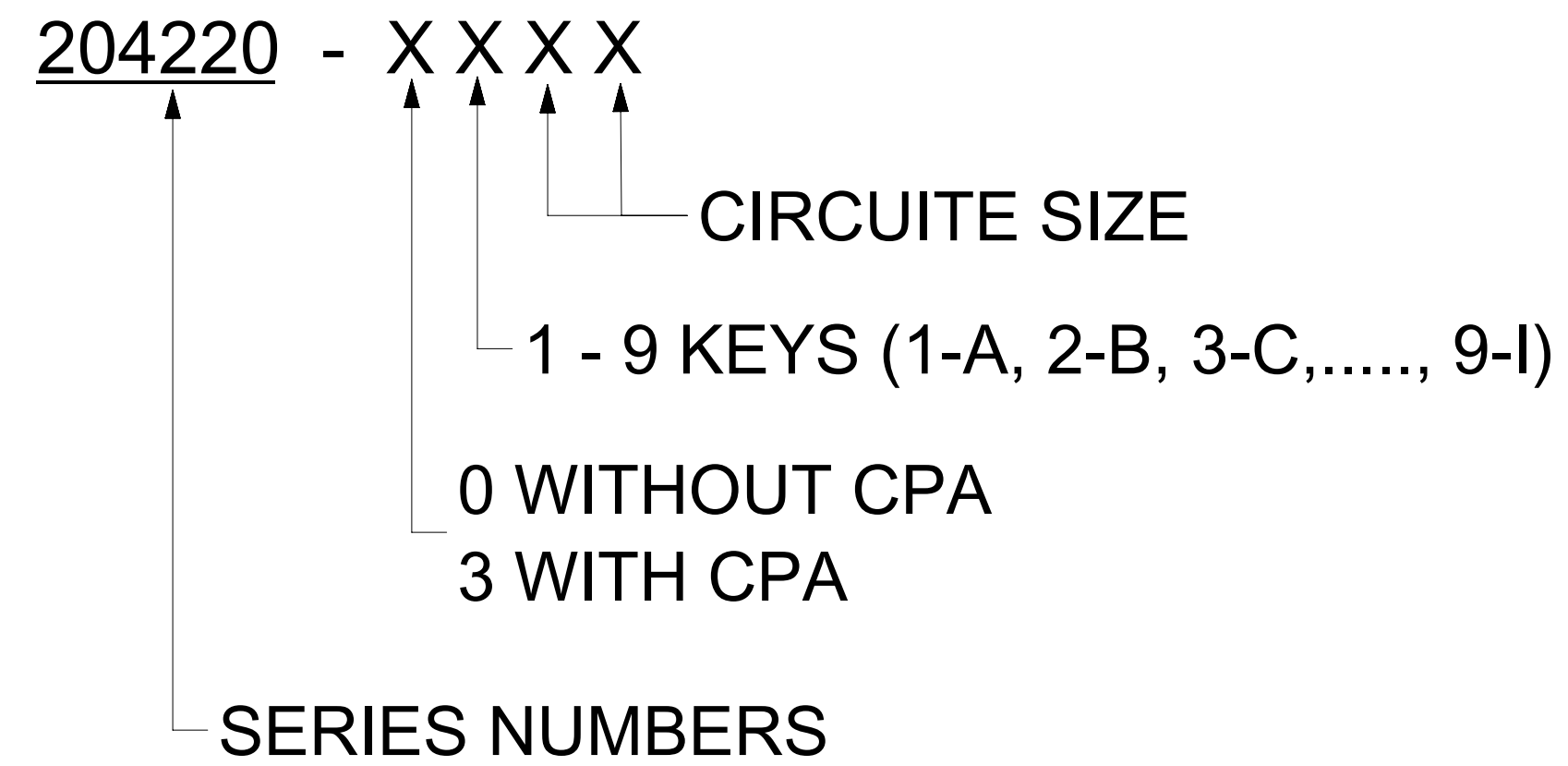
FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
⌚= 0 ⌚= 0 ⌚= 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 833145 DRWN: SUAIFR 2025/08/29 CHK'D: SUAIFR 2025/08/29 APPR: GANESY 2025/08/29 INITIAL REVISION: DRWN: TREGORI 2017/04/26 APPR: RHODE 2018/01/26			molex RECEPTACLE ASSEMBLY SQUBA 1.8 PRODUCT CUSTOMER DRAWING							
	mm		5:1					DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
	GENERAL TOLERANCES (UNLESS SPECIFIED)							2042200000-SD		PSD		000		C5	
	ANGULAR TOL ± 0.5 °														
	4 PLACES		±												
	3 PLACES		±												
2 PLACES		± 0.1													
1 PLACE		± 0.2													
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		204220		SEE TABLE		GENERAL MARKET		4 OF 6	

PART NUMBER DETAILS

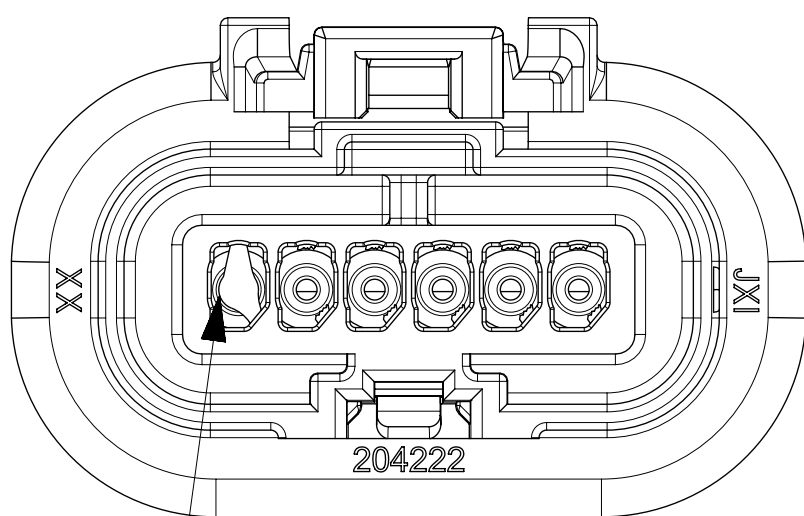
RECEPTACLE ASSEMBLY	NO. OF CKTS	KEYING CONFIRGURATION	COLOR
2042200002	2	N/A	BLACK
2042200004	4	N/A	BLACK
2042200006	6	N/A	BLACK
2042200008	8	N/A	BLACK
2042200010	10	N/A	BLACK
RECEPTACLE ASSEMBLY WITH KEY			
2042200102	2	1	RED
2042200202	2	2	NATURAL
2042200302	2	3	GRAY
2042200402	2	4	YELLOW
2042200502	2	5	PINK
2042200602	2	6	ORANGE
2042200702	2	7	BLUE
2042200802	2	8	GREEN
2042200902	2	9	MINT
2042200104	4	1	RED
2042200204	4	2	NATURAL
2042200304	4	3	GRAY
2042200404	4	4	YELLOW
2042200504	4	5	PINK
2042200604	4	6	ORANGE
2042200704	4	7	BLUE
2042200804	4	8	GREEN
2042200904	4	9	MINT
2042200106	6	1	RED
2042200206	6	2	NATURAL
2042200306	6	3	GRAY
2042200406	6	4	YELLOW
2042200506	6	5	PINK
2042200606	6	6	ORANGE
2042200706	6	7	BLUE
2042200806	6	8	GREEN
2042200906	6	9	MINT
2042200108	8	1	RED
2042200208	8	2	NATURAL
2042200308	8	3	GRAY
2042200408	8	4	YELLOW
2042200508	8	5	PINK
2042200608	8	6	ORANGE
2042200708	8	7	BLUE
2042200808	8	8	GREEN
2042200908	8	9	MINT
2042200110	10	1	RED
2042200210	10	2	NATURAL
2042200310	10	3	GRAY
2042200410	10	4	YELLOW
2042200510	10	5	PINK
2042200610	10	6	ORANGE
2042200710	10	7	BLUE
2042200810	10	8	GREEN
2042200910	10	9	MINT

RECEPTACLE ASSEMBLY WITH KEY AND CPA	NO. OF CKTS	KEYING CONFIRGURATION	COLOR
2042203104	4	1	RED
2042203204	4	2	NATURAL
2042203304	4	3	GRAY
2042203404	4	4	YELLOW
2042203504	4	5	PINK
2042203604	4	6	ORANGE
2042203704	4	7	BLUE
2042203804	4	8	GREEN
2042203904	4	9	MINT
2042203106	6	1	RED
2042203206	6	2	NATURAL
2042203306	6	3	GRAY
2042203406	6	4	YELLOW
2042203506	6	5	PINK
2042203606	6	6	ORANGE
2042203706	6	7	BLUE
2042203806	6	8	GREEN
2042203906	6	9	MINT
2042203108	8	1	RED
2042203208	8	2	NATURAL
2042203308	8	3	GRAY
2042203408	8	4	YELLOW
2042203508	8	5	PINK
2042203608	8	6	ORANGE
2042203708	8	7	BLUE
2042203808	8	8	GREEN
2042203908	8	9	MINT
2042203110	10	1	RED
2042203210	10	2	NATURAL
2042203310	10	3	GRAY
2042203410	10	4	YELLOW
2042203510	10	5	PINK
2042203610	10	6	ORANGE
2042203710	10	7	BLUE
2042203810	10	8	GREEN
2042203910	10	9	MINT

PART NUMBER LOGIC

[illegible]

RECEPTACLE ASSEMBLY WITH VOID OPTION	CIRCUIT SIZE	VOIDED CIRCUIT SEE NOTE 9	COLOR
204220-9902	2	ALL CIRCUITS VOIDED	BLACK
204220-9904	4	ALL CIRCUITS VOIDED	BLACK
204220-9906	6	ALL CIRCUITS VOIDED	BLACK
204220-9908	8	ALL CIRCUITS VOIDED	BLACK
204220-9910	10	ALL CIRCUITS VOIDED	BLACK
204220-4004	4	4	BLACK
204220-6006	6	6	BLACK
204220-8008	8	8	BLACK
204220-1110	10	10	BLACK
204220-9808	8	1,2,5,6	BLACK
204220-9708	8	5	BLACK
204220-9608	8	3,6	BLACK



VOIDED CIRCUIT(S)
HAVE PLUG(S) PRESENT
SEE NOTE 9

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
= 0 = 0 = 0		DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
mm		1:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 833145 DRWN: SUAIFR2025/08/29 CHK'D: SUAIFR2025/08/29 APPR: GANESY2025/08/29													
ANGULAR TOL ± 0.5 °																	
DIVISIONAL SYMBOLS		3 PLACES		±		INITIAL REVISION:				PRODUCT CUSTOMER DRAWING							
		2 PLACES		± 0.1		DRWN: TGGREGORI2017/04/26				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
		1 PLACE		± 0.2		APPR: RHODGE2018/01/26				2042200000-SD		PSD		000		C5	
		0 PLACES		±						MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		SEE TABLE		GENERAL MARKET		6 OF 6	