

CIRCUIT CONFIGURATIONS

	PLUG ASSEMBLY	PLUG ASSEMBLY WITH KEY D3	PLUG ASSEMBLY WITH CLIP SLOT	PLUG ASSEMBLY WITH CLIP SLOT AND KEY D3
2 CKT				
4 CKT				
6 CKT				
8 CKT				
10 CKT				

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FP = 0 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:					
	mm		3:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	ANGULAR TOL ± 0.5°									
	4 PLACES ±									
	3 PLACES ±		2 PLACES ± 0.1		EC NO: 813156 DRWN: SUAIFR 2025/02/23 CHK'D: SUAIFR 2025/02/23 APPR: ISHWARG 2025/02/24 INITIAL REVISION: DRWN: TGREGORI 2017/05/03 APPR: RHODGE 2018/01/26					
	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		204223		SEE TABLE		GENERAL MARKET		1 OF 5		

molex

PLUG ASSEMBLY
SQUBA 1.8

PRODUCT CUSTOMER DRAWING

2042230000-SD

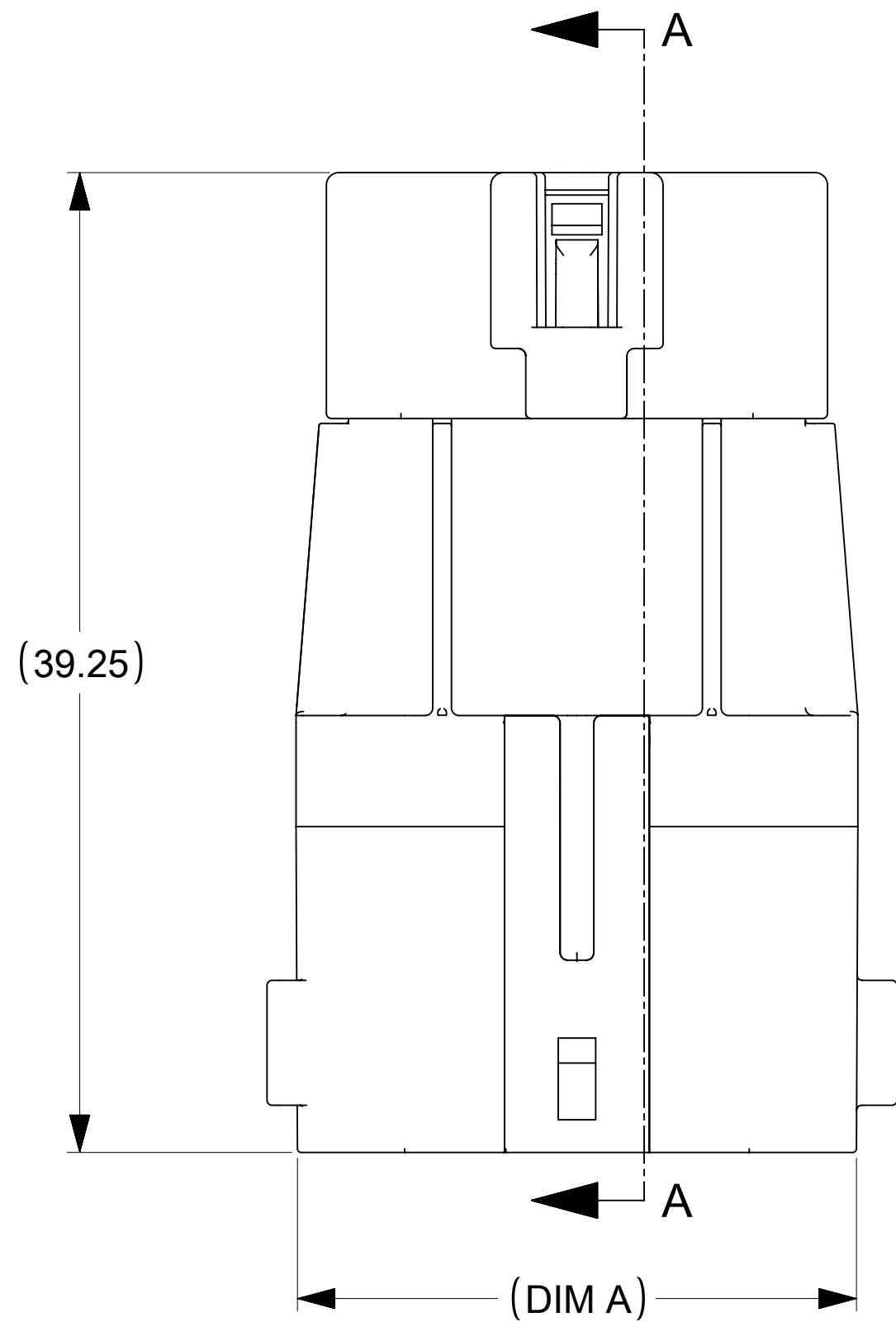
PSD

000

D3

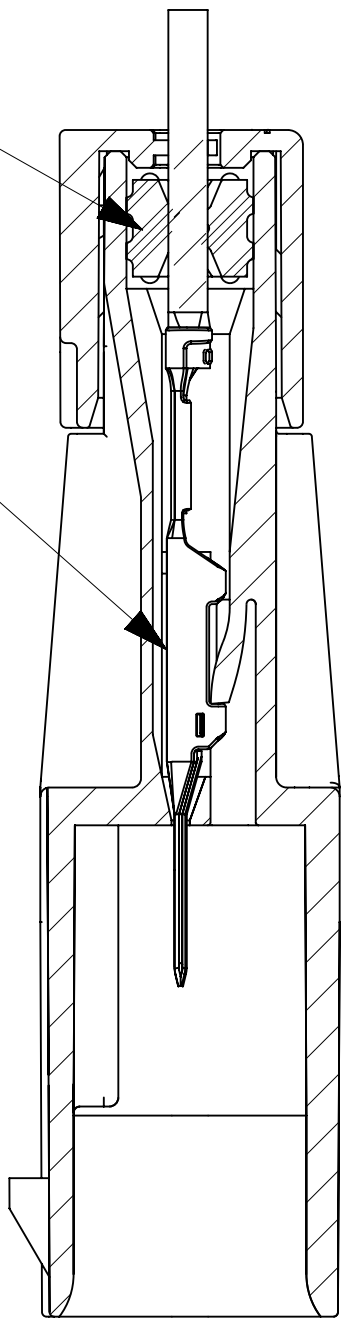
PLUG ASSEMBLY WITH KEY

D3



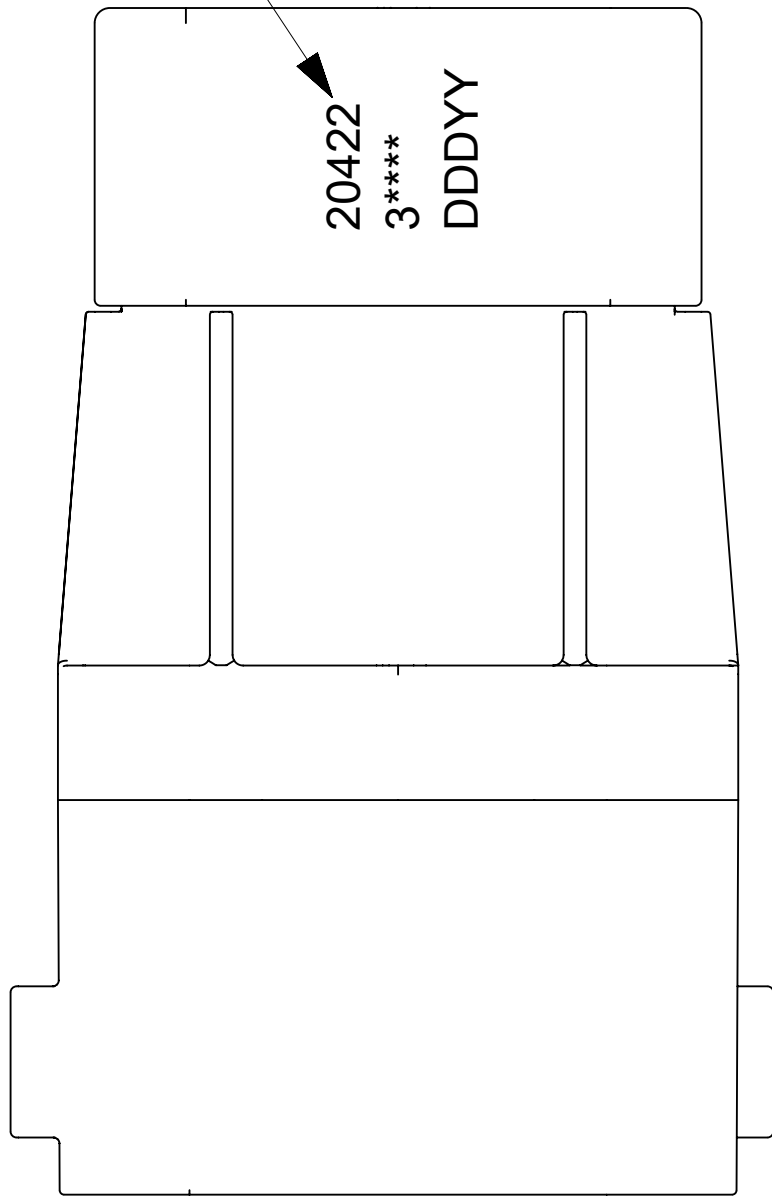
TERMINAL SHOWN INSERTED INTO HOUSING FOR REF ONLY

MATTE SEAL



SECTION A-A

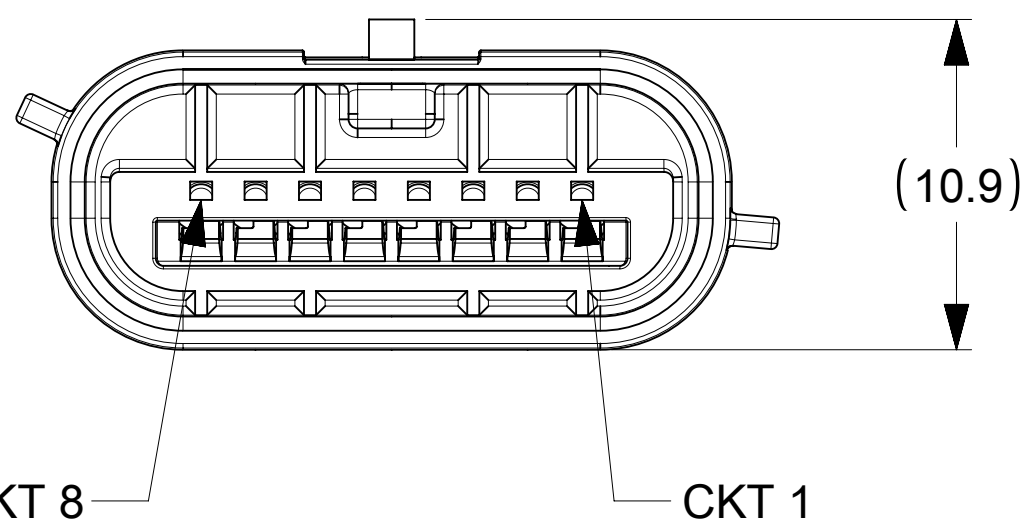
LASER MARKED THIS SURFACE WITH MOLEX PART NUMBER AND JULIAN DATE CODE: DDDYY



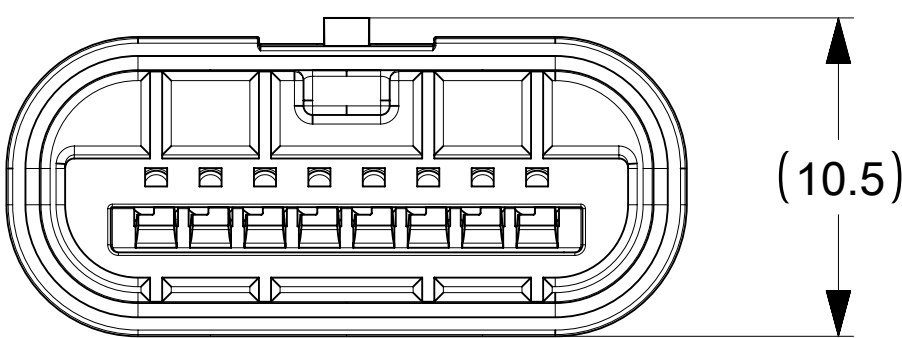
NOTES:

1. MATERIAL:
HOUSING & REAR SEAL CAP: SEE BILL OF MATERIALS (BOM)
SEALS: INHERENTLY LUBRICATED SILICONE
2. FINISH: NONE
3. PRODUCT SPECIFICATION: 2042200000-PS
4. APPLICATION SPECIFICATION: 2042200000-AS
5. PACKAGING SPECIFICATION: 2042230000-PK, 2042230100-PK
6. THIS PART MATES WITH RECEPTACLE SERIES 204220.
7. THIS PART USES TERMINAL PART NUMBER 2042261001.
8. THIS PART CONFORMS TO CLASS 'C' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
9. VOIDED CIRCUITS HAVE A PLUG IN THE MATTE SEAL TO SEAL THE CIRCUIT AND WILL NOT ACCEPT TERMINALS.
10. THE 7MM CLIP SLOT CONFORMS TO EWCAP-005 REV D

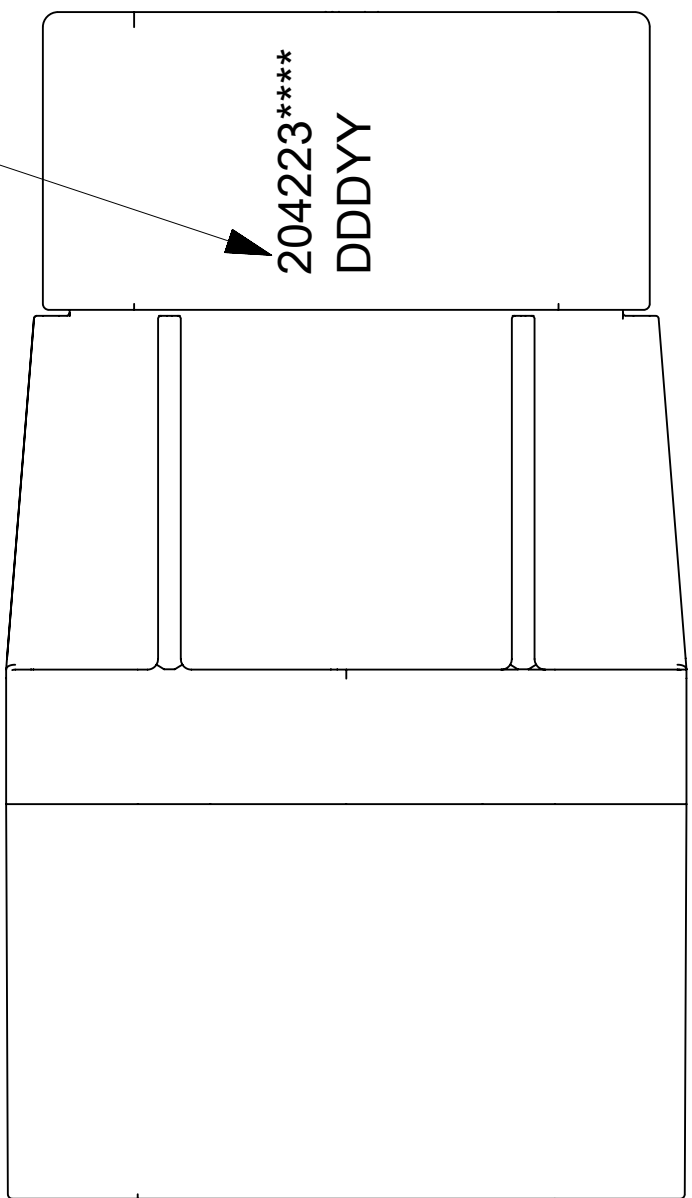
CIRCUIT SIZE	DIM A
2	11.7
4	15.3
6	18.9
8	22.5
10	26.1



PLUG ASSEMBLY

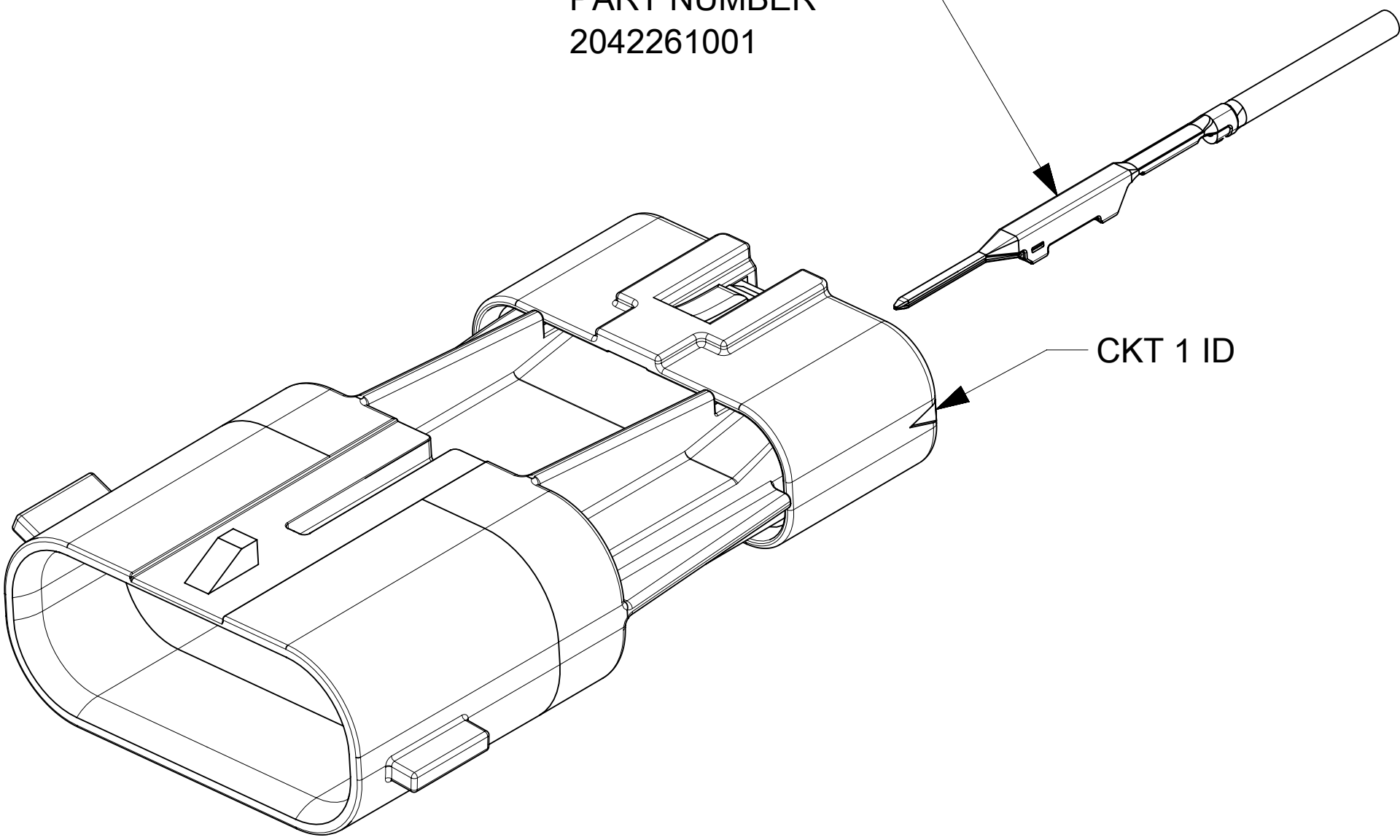


LASER MARKED THIS SURFACE WITH MOLEX PART NUMBER AND JULIAN DATE CODE: DDDYY



MOLEX TERMINAL PART NUMBER 2042261001

CKT 1 ID

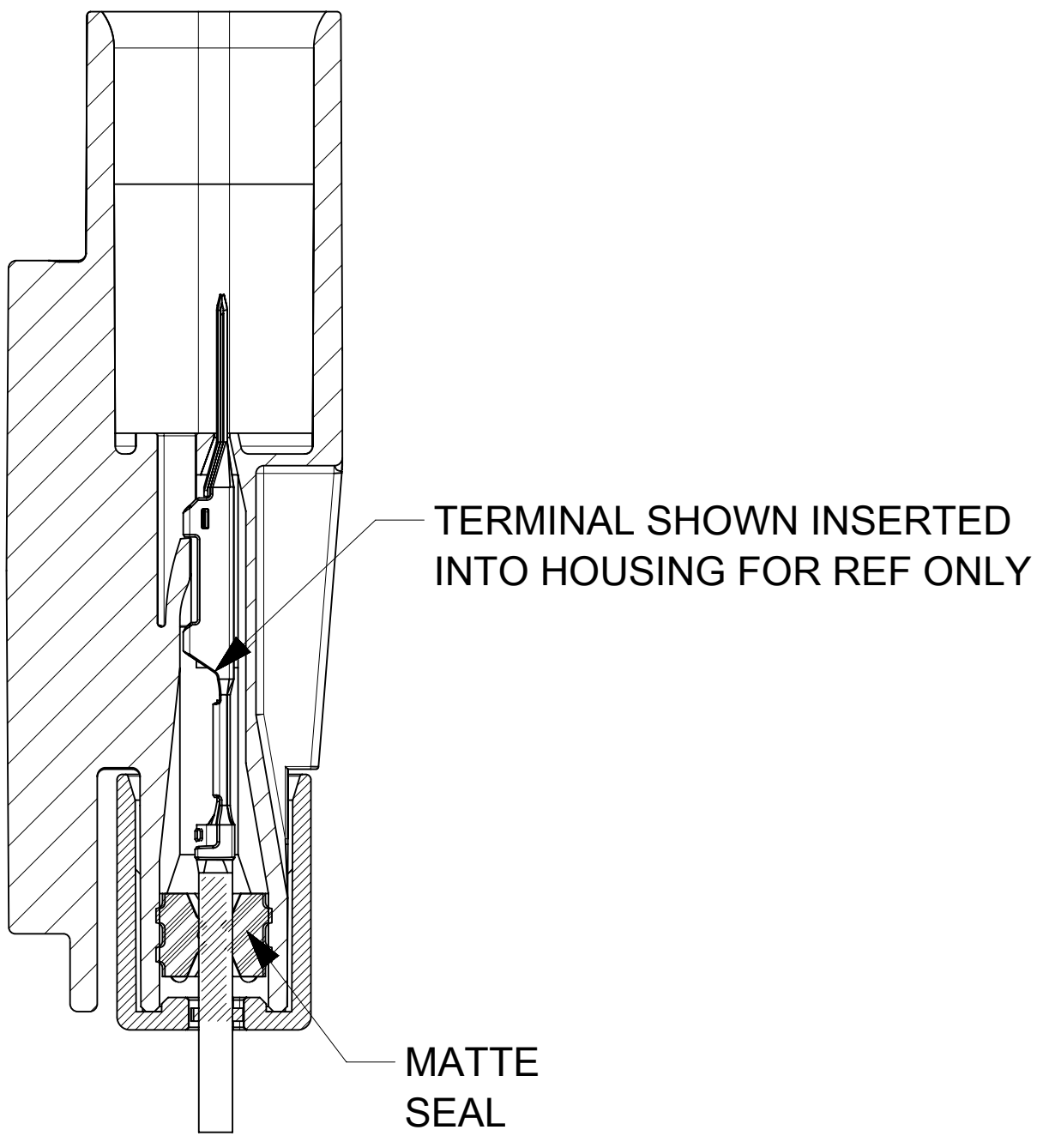
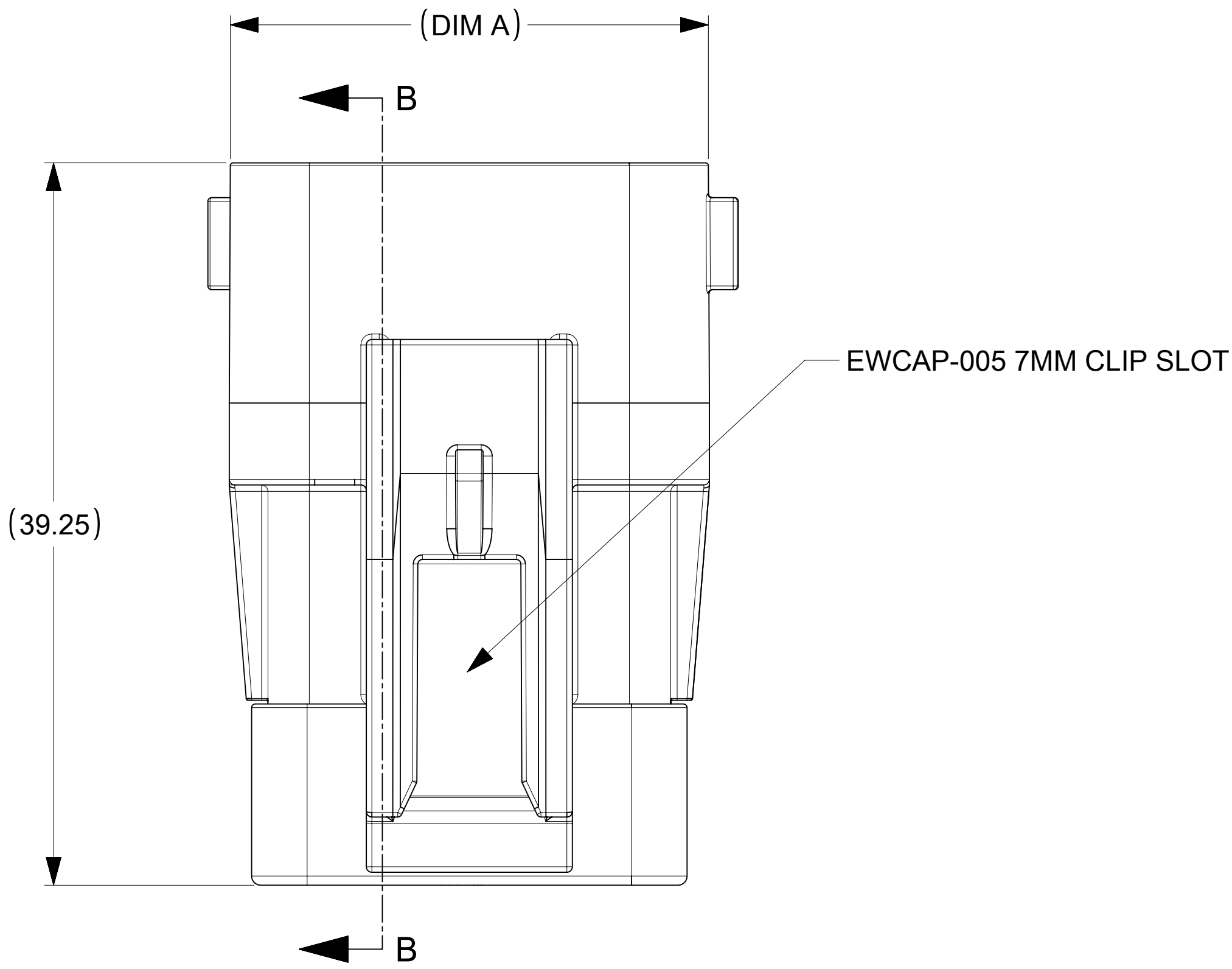


NOTE: AS SHOWN ABOVE "PLUG ASSEMBLY" WILL REMAINS SAME EXCEPT KEY FEATURE & LASER MARK.

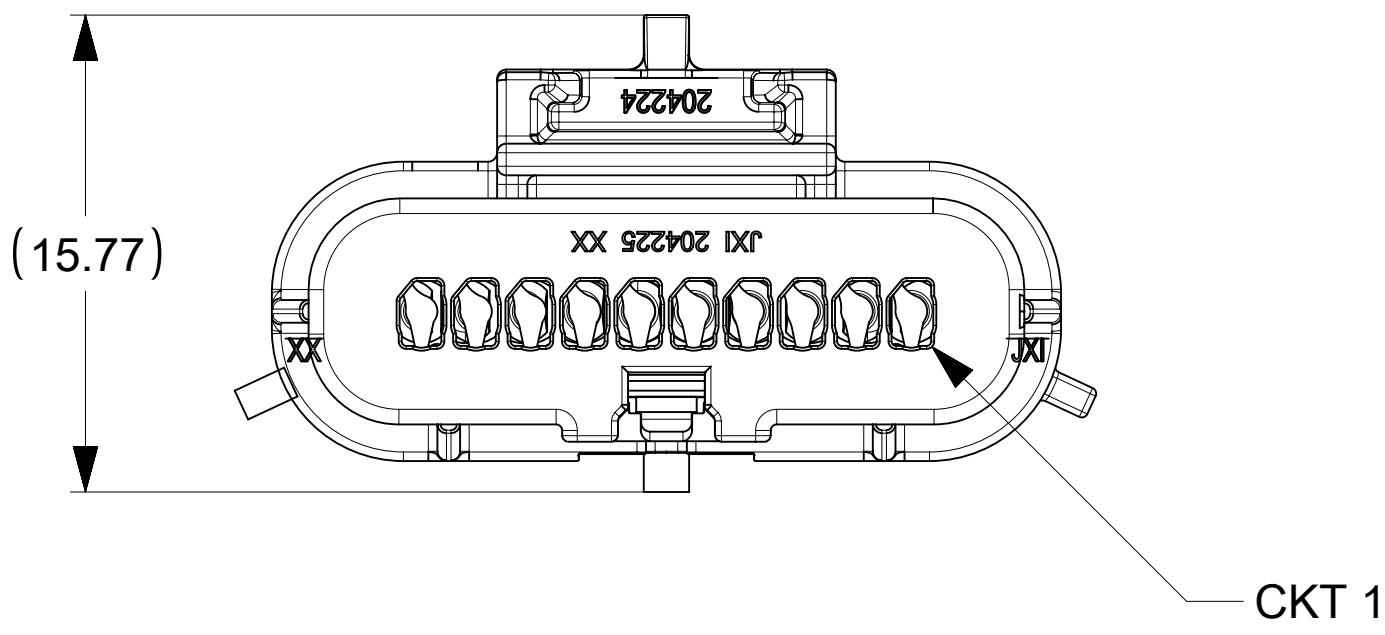
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
A = 0 E = 0 F P = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex PLUG ASSEMBLY SQUBA 1.8						
	mm		4:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)													
	ANGULAR TOL ± 0.5 °													
DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 813156			PRODUCT CUSTOMER DRAWING						
	3 PLACES		±		DRWN: SUAIFR 2025/02/23									
	2 PLACES		± 0.1		CHK'D: SUAIFR 2025/02/23									
	1 PLACE		± 0.2		APPR: ISHWARG 2025/02/24									
	0 PLACES		±		INITIAL REVISION:									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
									2042230000-SD		PSD	000	D3	
									MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
									SEE TABLE		GENERAL MARKET		2 OF 5	

PLUG ASSEMBLY WITH CLIP SLOT AND KEY

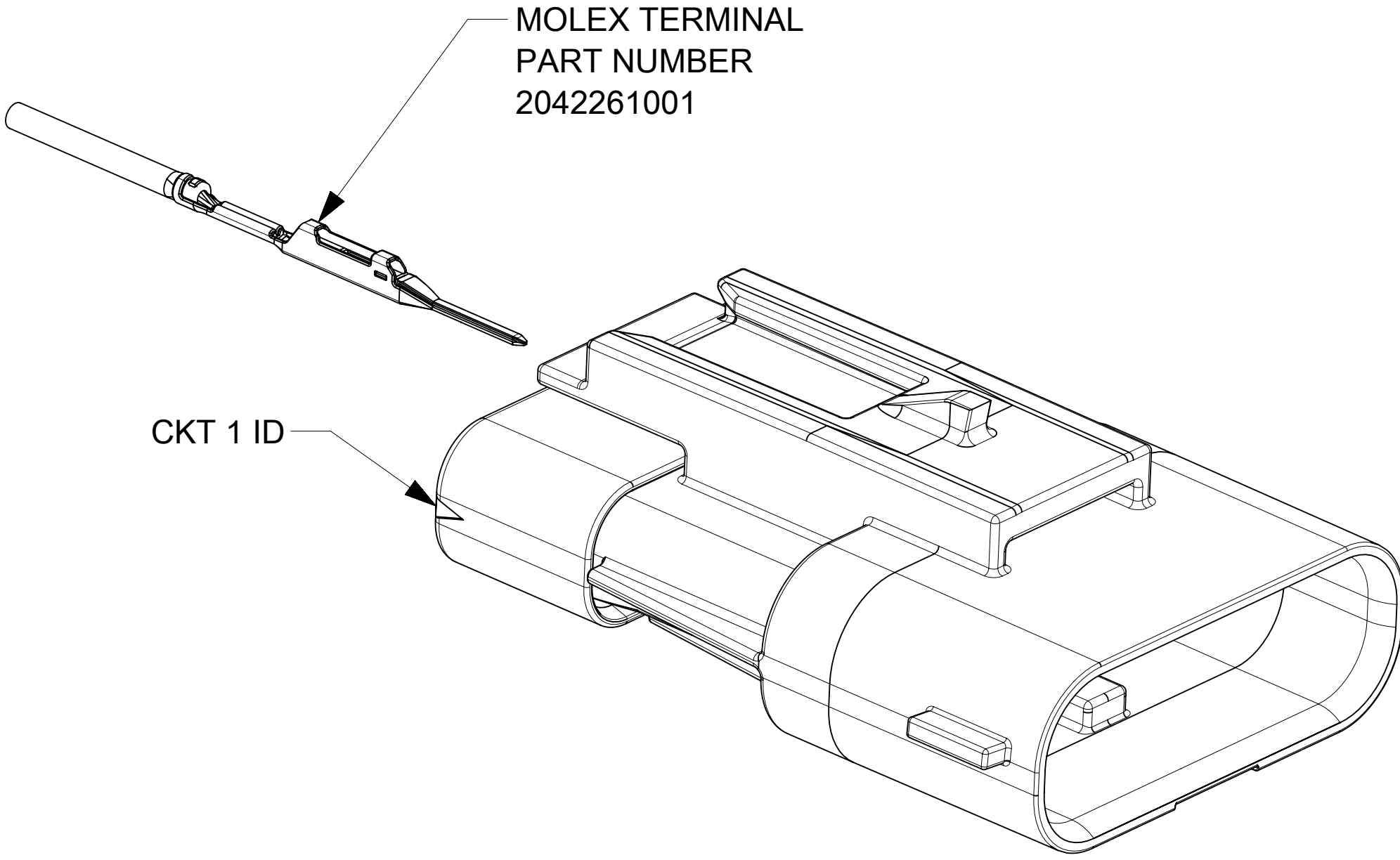
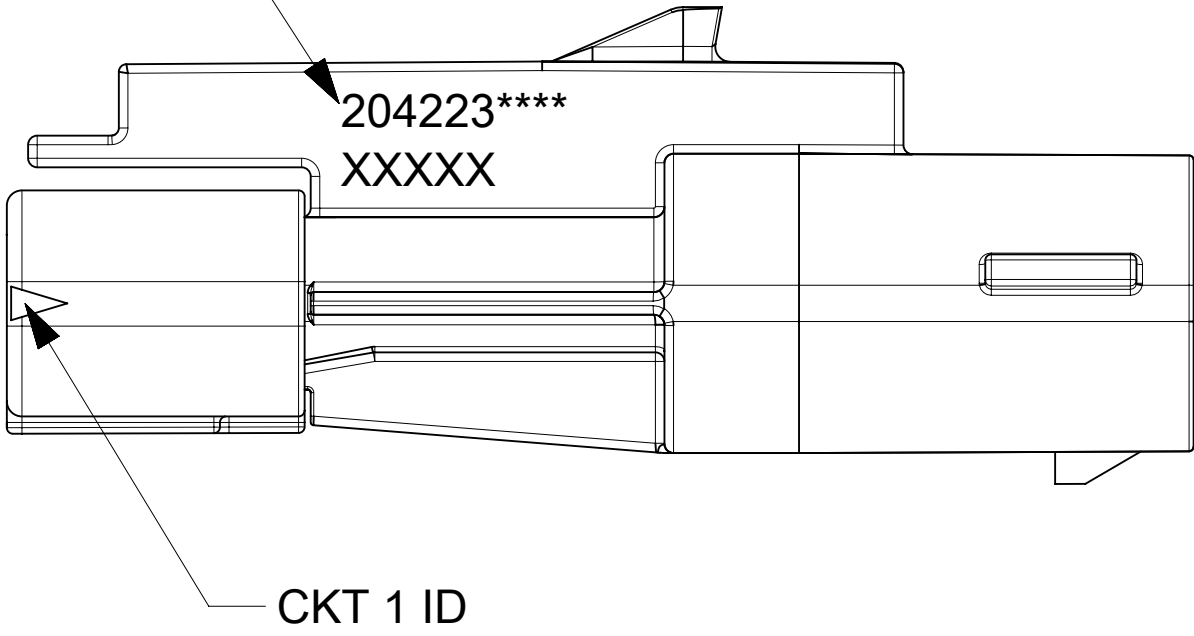
D3



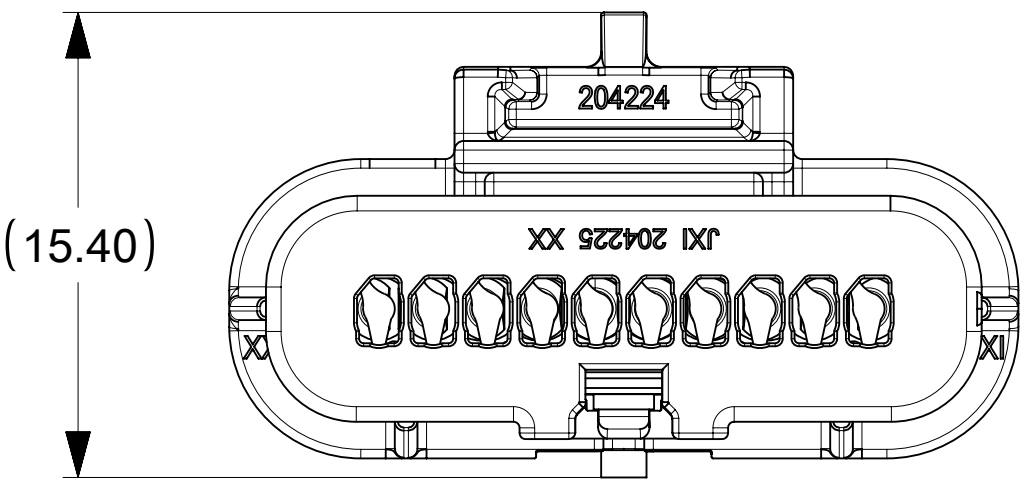
SECTION B-B



LASER MARKED THIS SURFACE WITH MOLEX PART NUMBER AND JULIAN DATE CODE: DDDYY



PLUG ASSEMBLY WITH CLIP SLOT



NOTE: AS SHOWN ABOVE "PLUG ASSEMBLY WITH CLIP SLOT" WILL REMAINS SAME EXCEPT KEY FEATURE.

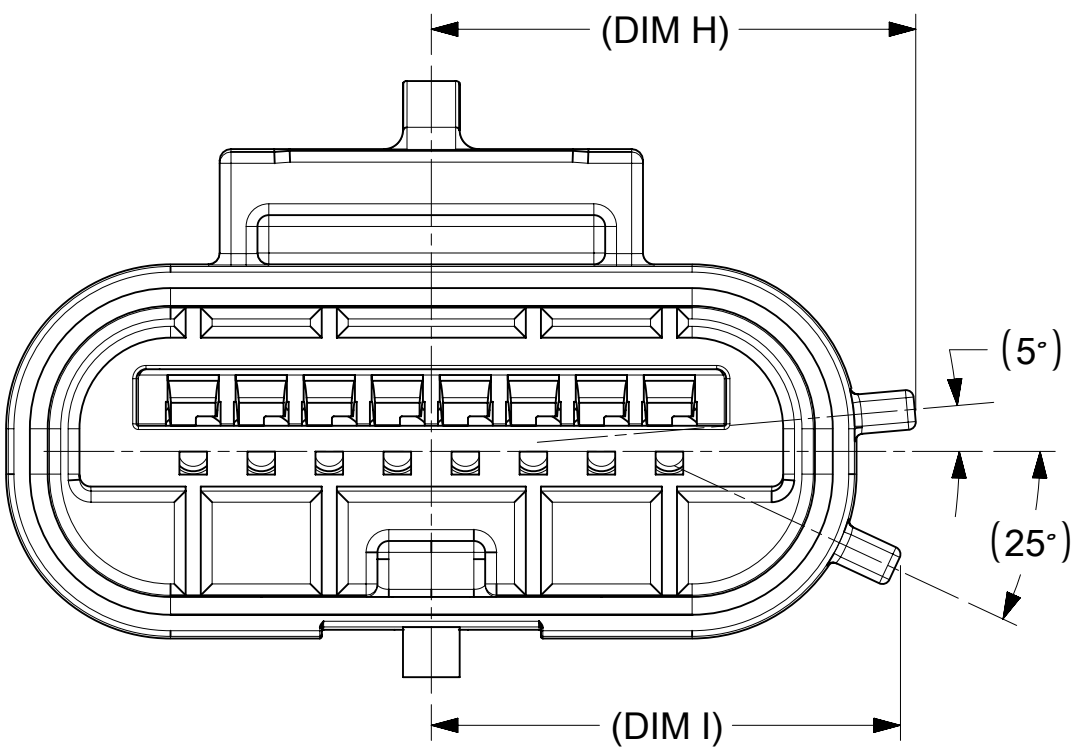
CIRCUIT SIZE	DIM A
2	11.7
4	15.3
6	18.9
8	22.5
10	26.1

FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0 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:					molex								
	mm		4:1															
	GENERAL TOLERANCES (UNLESS SPECIFIED)					EC NO: 813156 DRWN: SUAIFR 2025/02/23 CHK'D: SUAIFR 2025/02/23 APPR: ISHWARG 2025/02/24 INITIAL REVISION: DRWN: TGREGORI 2017/05/03 APPR: RHODGE 2018/01/26					PLUG ASSEMBLY SQUBA 1.8							
	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		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
							D-SIZE		204223		2042230000-SD		PSD		000		D3	
											SEE TABLE		GENERAL MARKET		3 OF 5			

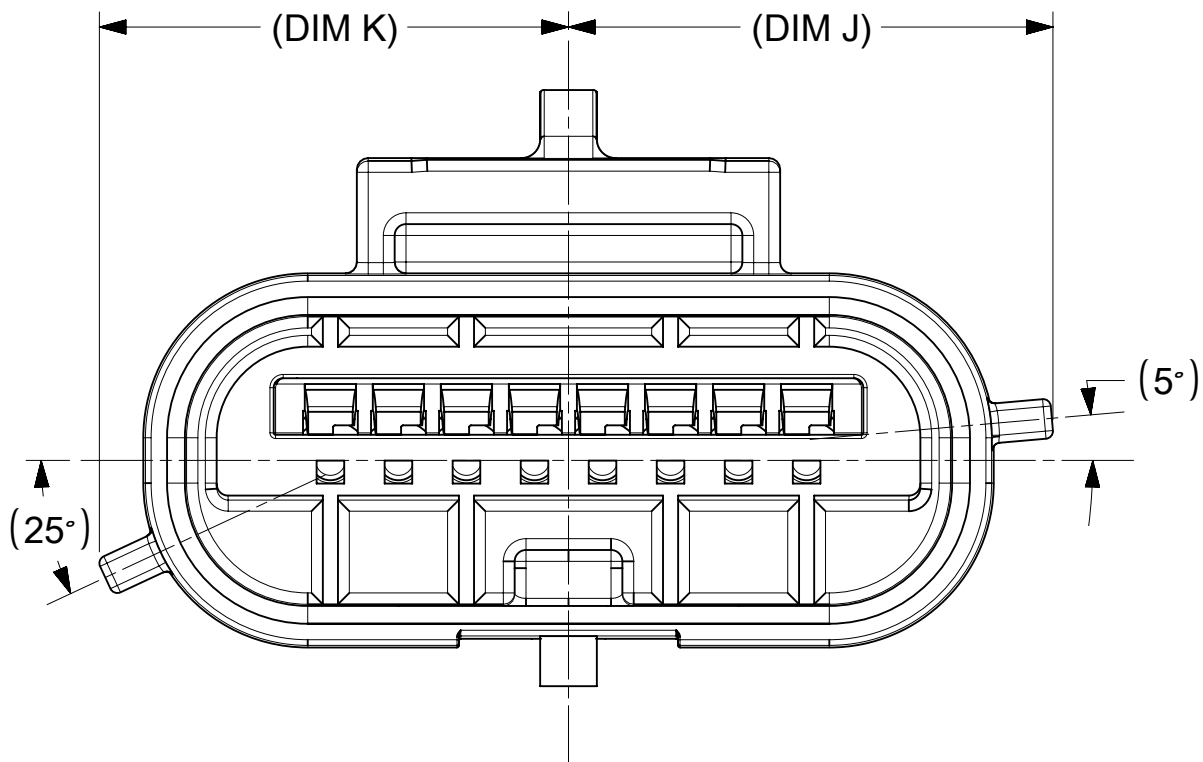
KEYING CONFIGURATIONS

D3

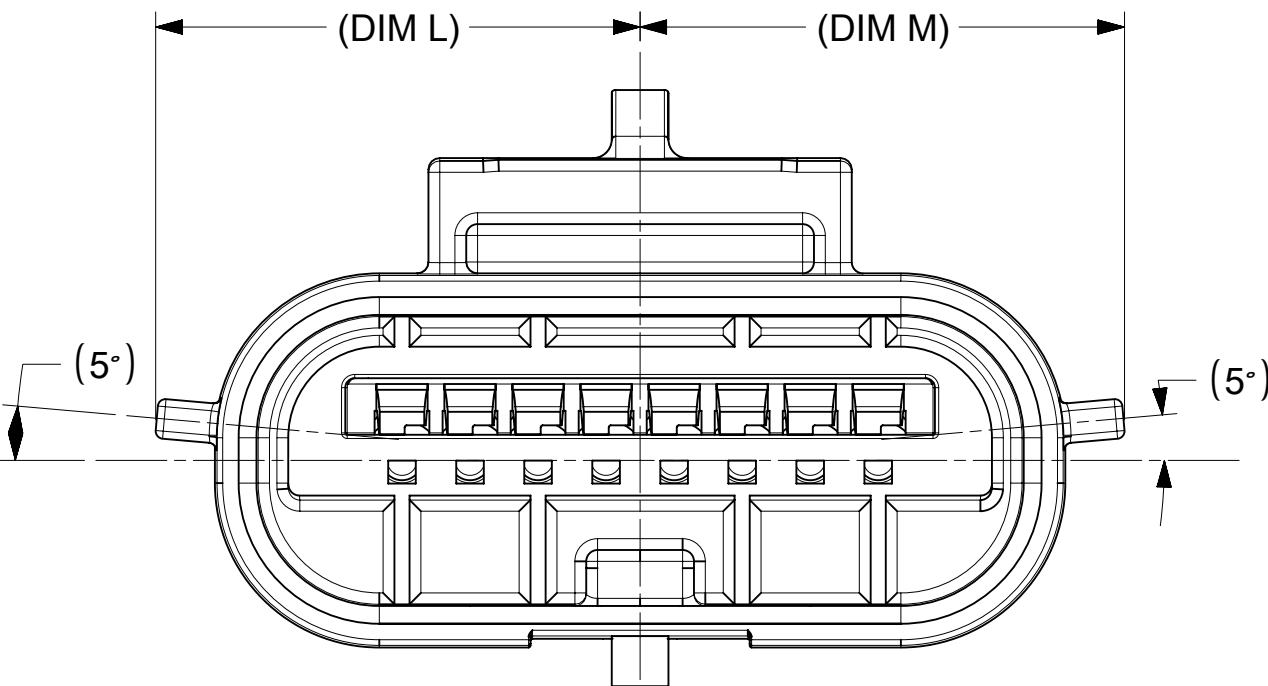
KEY A, RED COLOUR



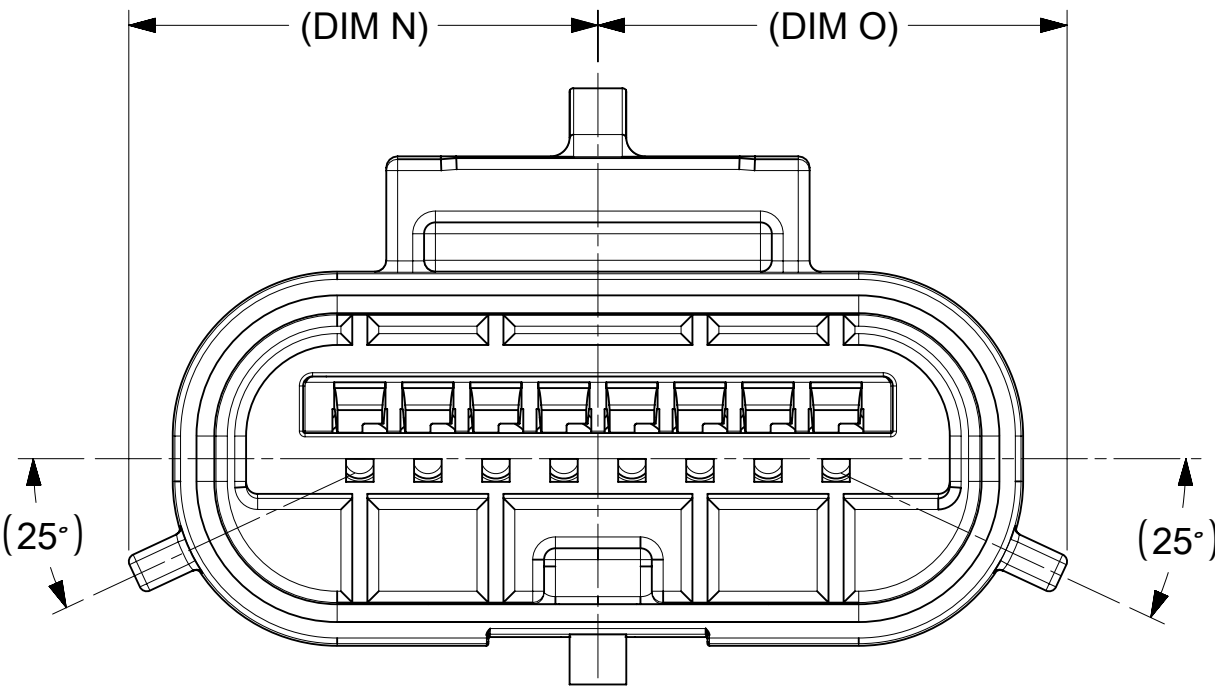
KEY B, NATURAL COLOUR



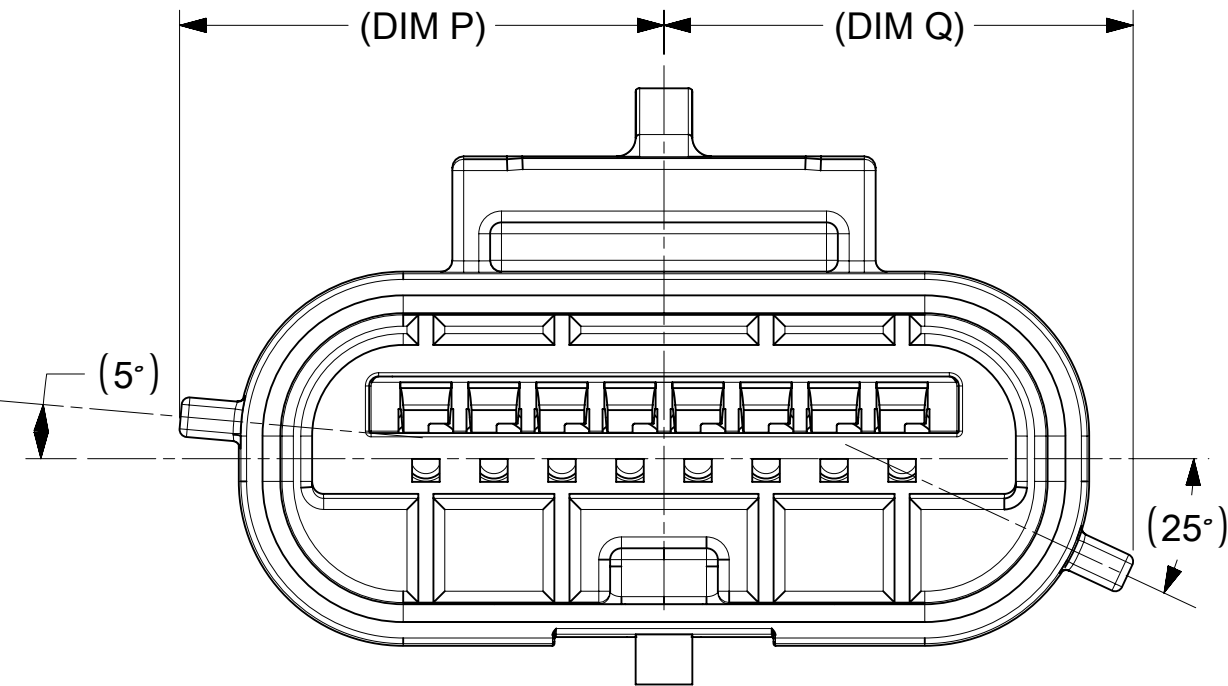
KEY C, GRAY COLOUR



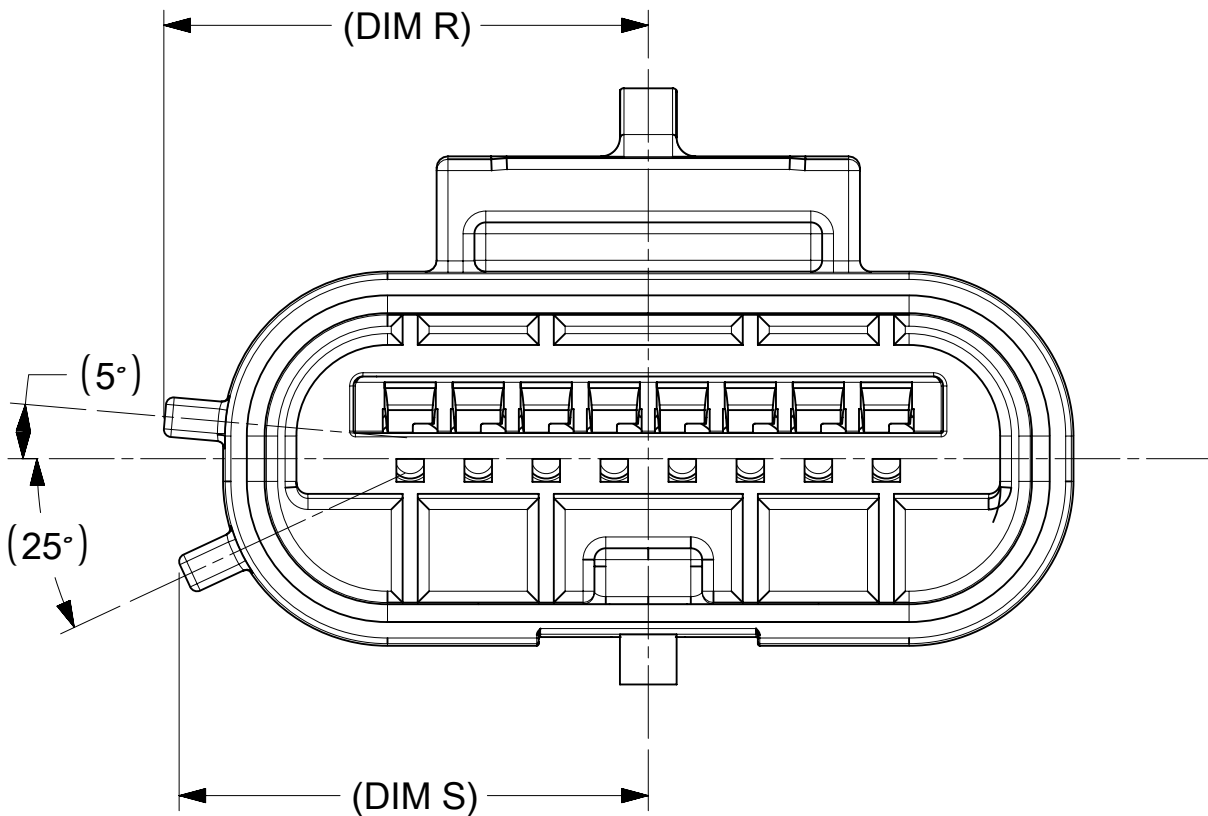
KEY D, YELLOW COLOUR



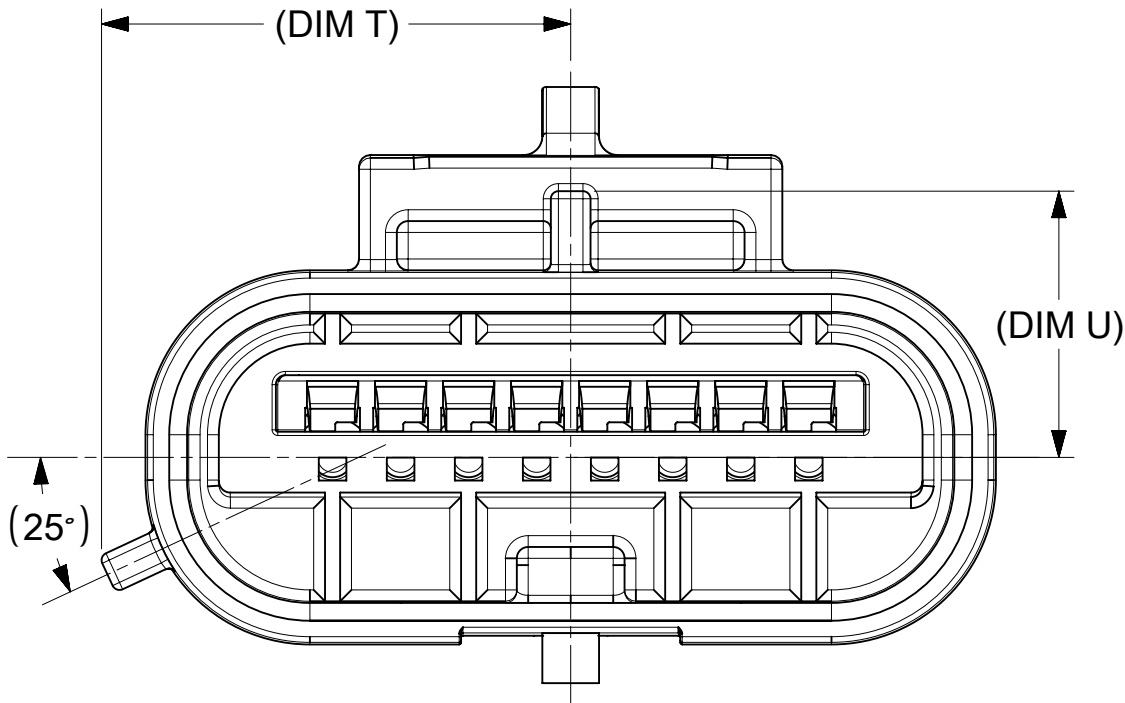
KEY E, PINK COLOUR



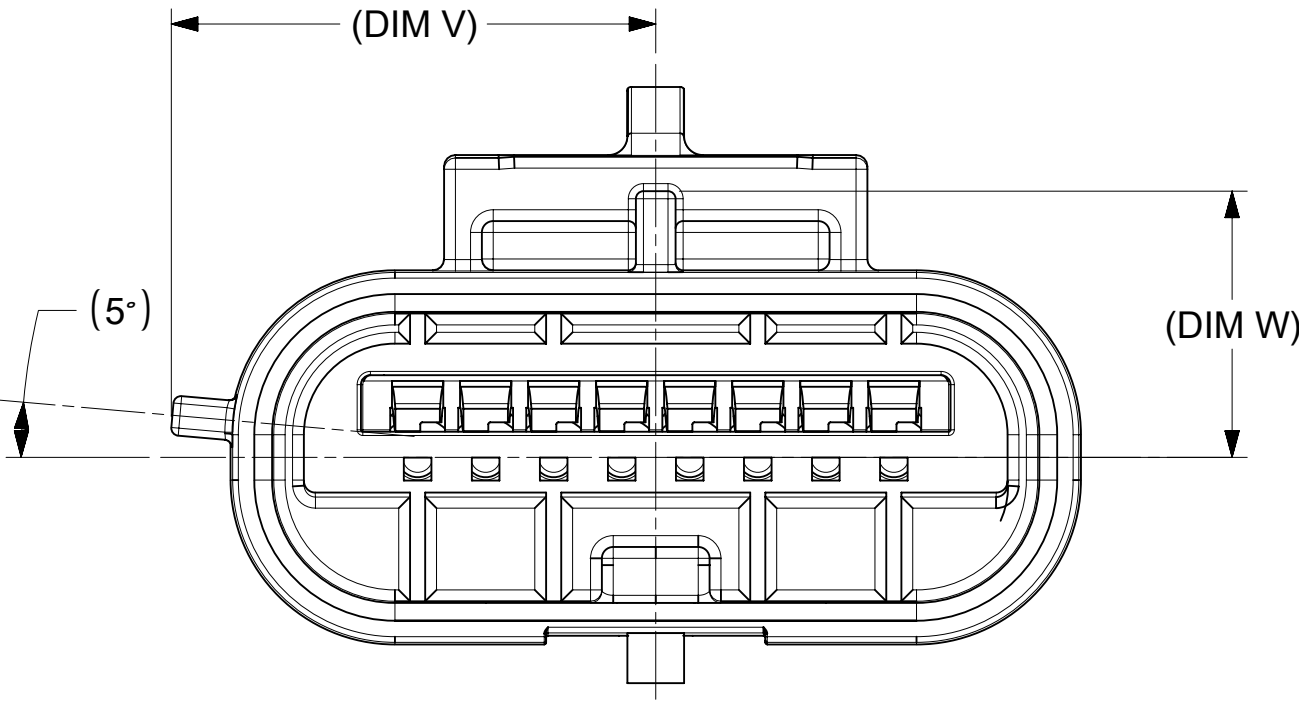
KEY F, ORANGE COLOUR



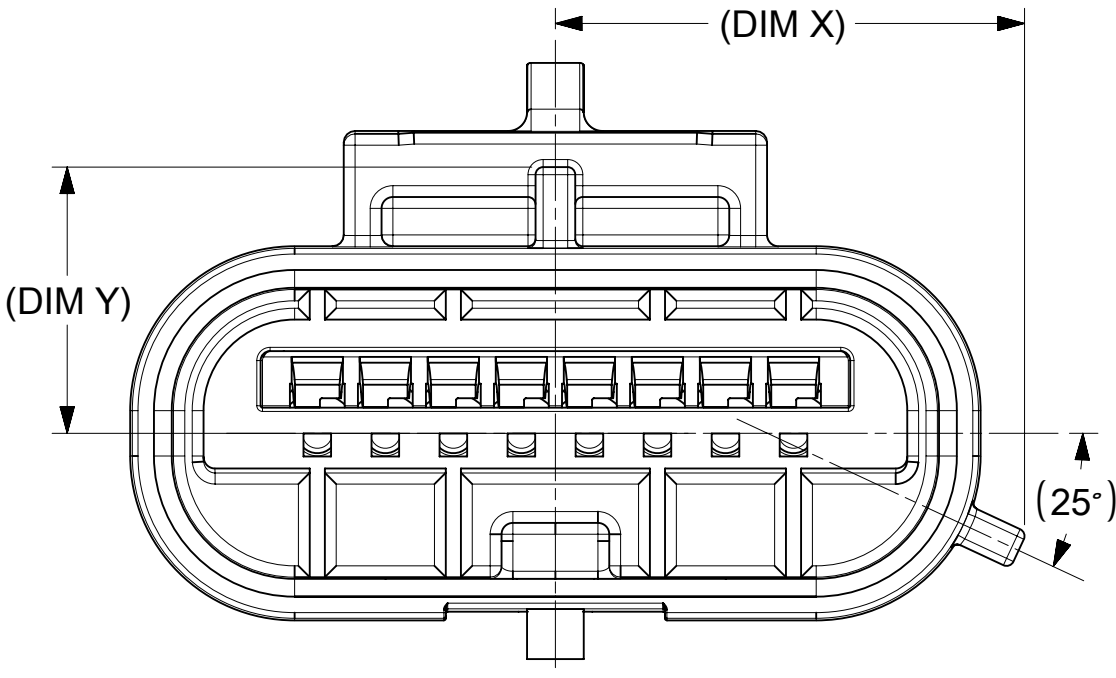
KEY G, BLUE COLOUR



KEY H, GREEN COLOUR



KEY I, MINT COLOUR



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	7.37	6.97	7.37	6.79	7.37	7.37	6.97	6.97	7.37	6.97	7.37	6.97	6.97	7.04	7.37	7.04	6.97	7.04
CKT 4	9.22	8.81	9.92	8.81	9.22	9.22	8.81	8.81	9.22	8.81	9.22	8.81	8.81	7.04	9.22	7.04	8.81	7.04
CKT 6	11.02	10.61	11.02	10.61	11.02	11.02	10.61	10.61	11.02	10.61	11.02	10.61	10.61	7.04	11.02	7.04	10.61	7.04
CKT 8	12.82	12.41	12.82	12.41	12.82	12.82	12.41	12.41	12.82	12.41	12.82	12.41	12.41	7.04	12.82	7.04	12.41	7.04
CKT 10	14.62	14.21	14.62	14.21	14.62	14.62	14.21	14.21	14.62	14.21	14.62	14.21	14.21	7.04	14.62	7.04	14.21	7.04
DOCUMENT STATUS	P1	RELEASE DATE		2025/02/24		07:16:20												

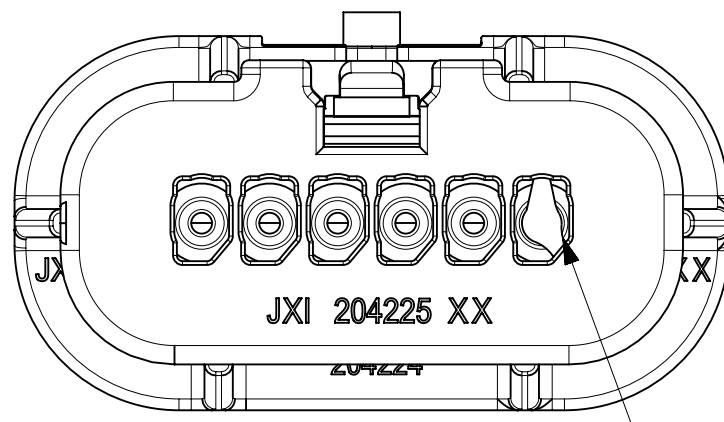
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										CURRENT REV DESC:									
	DIMENSION UNITS		SCALE		GENERAL TOLERANCES (UNLESS SPECIFIED)						molex PLUG ASSEMBLY SQUBA 1.8									
	mm		5:1																	
	ANGULAR TOL		± 0.5 °																	
	DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 813156						25/02/23								
3 PLACES		±		DRWN: SUAIFR						2025/02/23										
2 PLACES		± 0.1		CHK'D: SUAIFR						2025/02/24										
1 PLACE		± 0.2		APPR: ISHWARG						2025/02/24										
0 PLACES		±		INITIAL REVISION:						2017/05/03										
DIVISIONAL SYMBOLS	0 PLACES		±		DRWN: TGREGORI						2018/01/26									
	0 PLACES		±		APPR: RHODGE						2018/01/26									
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
							D-SIZE		204223		SEE TABLE		GENERAL MARKET		4 OF 5					

	20	19	18	17	16
M	PART NUMBER DETAILS				
	PLUG ASSEMBLY WITH CLIP SLOT		NO. OF CKTS	KEYING CONFIGURATION	COLOR
L	2042230102		2	N/A	BLACK
	2042230104		4	N/A	BLACK
	2042230106		6	N/A	BLACK
	2042230108		8	N/A	BLACK
	2042230110		10	N/A	BLACK
	PLUG ASSEMBLY WITH CLIP SLOT AND KEY				
K	2042233102		2	1	RED
	2042233202		2	2	NATURAL
	2042233302		2	3	GRAY
	2042233402		2	4	YELLOW
	2042233502		2	5	PINK
	2042233602		2	6	ORANGE
	2042233702		2	7	BLUE
	2042233802		2	8	GREEN
	2042233902		2	9	MINT
H	2042233104		4	1	RED
	2042233204		4	2	NATURAL
	2042233304		4	3	GRAY
	2042233404		4	4	YELLOW
	2042233504		4	5	PINK
	2042233604		4	6	ORANGE
	2042233704		4	7	BLUE
	2042233804		4	8	GREEN
G	2042233904		4	9	MINT
	2042233106		6	1	RED
	2042233206		6	2	NATURAL
	2042233306		6	3	GRAY
	2042233406		6	4	YELLOW
	2042233506		6	5	PINK
	2042233606		6	6	ORANGE
	2042233706		6	7	BLUE
F	2042233806		6	8	GREEN
	2042233906		6	9	MINT
	2042233108		8	1	RED
	2042233208		8	2	NATURAL
	2042233308		8	3	GRAY
E	2042233408		8	4	YELLOW
	2042233508		8	5	PINK
	2042233608		8	6	ORANGE
	2042233708		8	7	BLUE
	2042233808		8	8	GREEN
D	2042233908		8	9	MINT
	2042233110		10	1	RED
C	2042233210		10	2	NATURAL
	2042233310		10	3	GRAY
	2042233410		10	4	YELLOW
	2042233510		10	5	PINK
	2042233610		10	6	ORANGE
	2042233710		10	7	BLUE
	2042233810		10	8	GREEN
	2042233910		10	9	MINT

B					
A	DOCUMENT STATUS	P1	RELEASE DATE	2025/02/24	07:16:20

	14	13	12	
PLUG ASSEMBLY	NO. OF CKTS	KEYING CONFIRGURATION	COLOR	
2042230002	2	N/A	BLACK	
2042230004	4	N/A	BLACK	
2042230006	6	N/A	BLACK	
2042230008	8	N/A	BLACK	
2042230010	10	N/A	BLACK	
PLUG ASSEMBLY WITH KEY				
2042232102	2	1	RED	
2042232202	2	2	NATURAL	
2042232302	2	3	GRAY	
2042232402	2	4	YELLOW	
2042232502	2	5	PINK	
2042232602	2	6	ORANGE	
2042232702	2	7	BLUE	
2042232802	2	8	GREEN	
2042232902	2	9	MINT	
2042232104	4	1	RED	
2042232204	4	2	NATURAL	
2042232304	4	3	GRAY	
2042232404	4	4	YELLOW	
2042232504	4	5	PINK	
2042232604	4	6	ORANGE	
2042232704	4	7	BLUE	
2042232804	4	8	GREEN	
2042232904	4	9	MINT	
2042232106	6	1	RED	
2042232206	6	2	NATURAL	
2042232306	6	3	GRAY	
2042232406	6	4	YELLOW	
2042232506	6	5	PINK	
2042232606	6	6	ORANGE	
2042232706	6	7	BLUE	
2042232806	6	8	GREEN	
2042232906	6	9	MINT	
2042232108	8	1	RED	
2042232208	8	2	NATURAL	
2042232308	8	3	GRAY	
2042232408	8	4	YELLOW	
2042232508	8	5	PINK	
2042232608	8	6	ORANGE	
2042232708	8	7	BLUE	
2042232808	8	8	GREEN	
2042232908	8	9	MINT	
2042232110	10	1	RED	
2042232210	10	2	NATURAL	
2042232310	10	3	GRAY	
2042232410	10	4	YELLOW	
2042232510	10	5	PINK	
2042232610	10	6	ORANGE	
2042232710	10	7	BLUE	
2042232810	10	8	GREEN	
2042232910	10	9	MINT	

	6	5	4	3	2	1
PLUG ASSEMBLY VOID OPTIONS	NO. OF CKTS	VOIDED CIRCUIT SEE NOTE 9	PANEL MOUNT AND KEY	COLOR		
204223-9902	2	ALL CIRCUITS VOIDED	NO	BLACK		
204223-9904	4	ALL CIRCUITS VOIDED	NO	BLACK		
204223-9906	6	ALL CIRCUITS VOIDED	NO	BLACK		
204223-9908	8	ALL CIRCUITS VOIDED	NO	BLACK		
204223-9910	10	ALL CIRCUITS VOIDED	NO	BLACK		
204223-4004	4	4	NO	BLACK		
204223-6006	6	6	NO	BLACK		
204223-8008	8	8	NO	BLACK		
204223-1110	10	10	NO	BLACK		
204223-9808	8	1,2,5,6	NO	BLACK		
204223-9708	8	5	NO	BLACK		
204223-9608	8	3,6	NO	BLACK		



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

PART NUMBER LOGIC

204223 - X X X X
 ↑ ↑ ↑ ↑

CIRCUIT SIZE

1 - 9 KEYS (1-A, 2-B, 3-C,....., 9-I)

2 - WITHOUT CLIP SLOT / PANEL MOUNT
3 - WITH CLIP SLOT / PANEL MOUNT

SERIES NUMBERS

FUNCTIONAL 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:				molex											
	mm		3:1																	
	F A = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				PLUG ASSEMBLY SQUBA 1.8														
F E = 0	ANGULAR TOL ± 0.5 °																			
DIVISIONAL SYMBOLS	F E = 0	4 PLACES		±		EC NO: 813156				PRODUCT CUSTOMER DRAWING										
		3 PLACES		±		DRWN: SUAIFR 2025/02/23														
		2 PLACES		± 0.1		CHK'D: SUAIFR 2025/02/23														
		1 PLACE		± 0.2		APPR: ISHWARG 2025/02/24														
		0 PLACES		±		INITIAL REVISION:														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION				DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
									D-SIZE		204223		2042230000-SD		PSD		000		D3	
													MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
													SEE TABLE		GENERAL MARKET		5 OF 5			