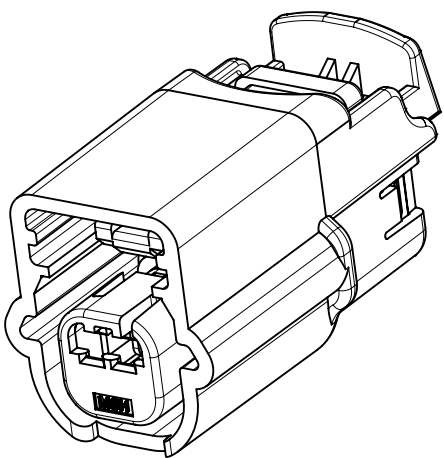
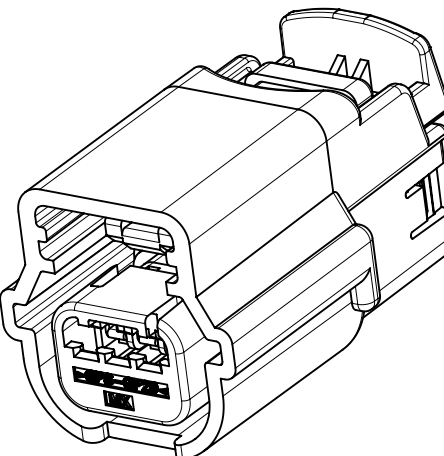
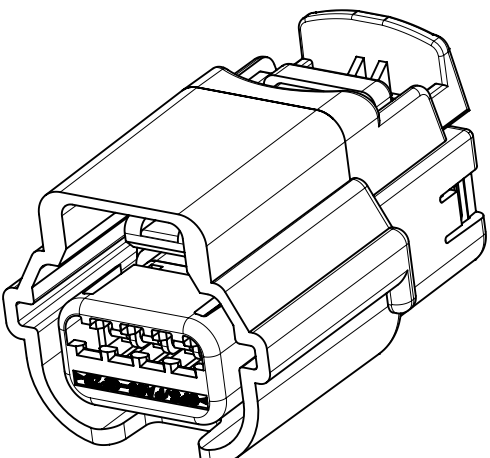




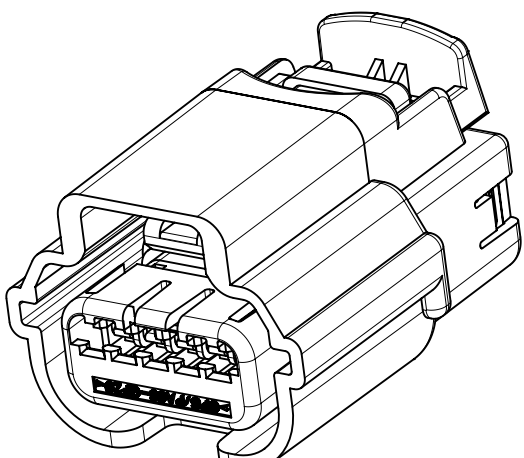
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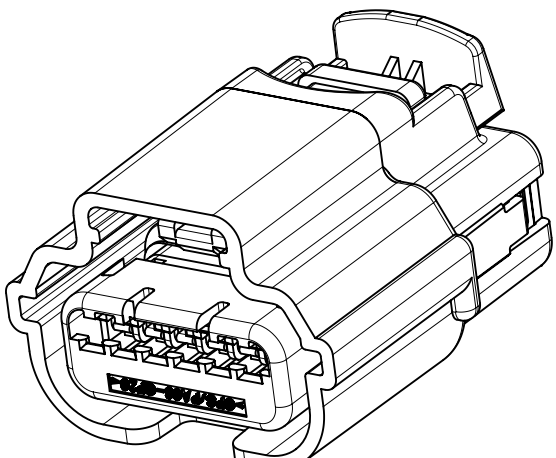
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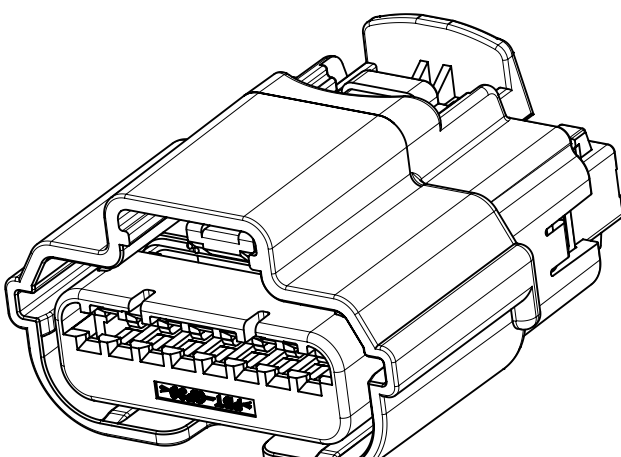
1X4



1X5



1X6



1X8

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONNECTOR ASSEMBLY WITHOUT CLIPSLOT
3	CONNECTOR ASSEMBLY WITH CLIPSLOT
4-5	KEY CONFIGURATIONS
6-9	BOM

DRAWING INFORMATION	
DESCRIPTION	DRAWING NO.
PRODUCT SPECIFICATION	PS-31402-000
	FOR 31404 1X8 REFER TO PS-31404-001-1X8
PACKAGING	PK-31300-256
SALES DRAWING	SD-31402-211
	FOR 31404 1X8 REFER TO SD-31404-811
TEST SUMMARY	FOR 1X2 REFER TO TS-31402-001-1X2
	FOR 1X3 REFER TO TS-31402-001-1X3
	FOR 1X6 REFER TO TS-31402-001-1X6
	FOR 31404 1X8 REFER TO TS-31404-001-1X8

MATING INTERFACE DRAWING	
DESCRIPTION	INTERFACE DEFINITION
1X2	*064-S-002-1-Z02
1X3	*064-S-003-1-Z01
1X4	*064-S-004-1-Z02
1X5	*064-S-005-1-Z02
1X6	*064-S-006-1-Z02
1X8	*064-S-008-1-Z02

PART NUMBER LEGEND

CONNECTOR ASSEMBLY

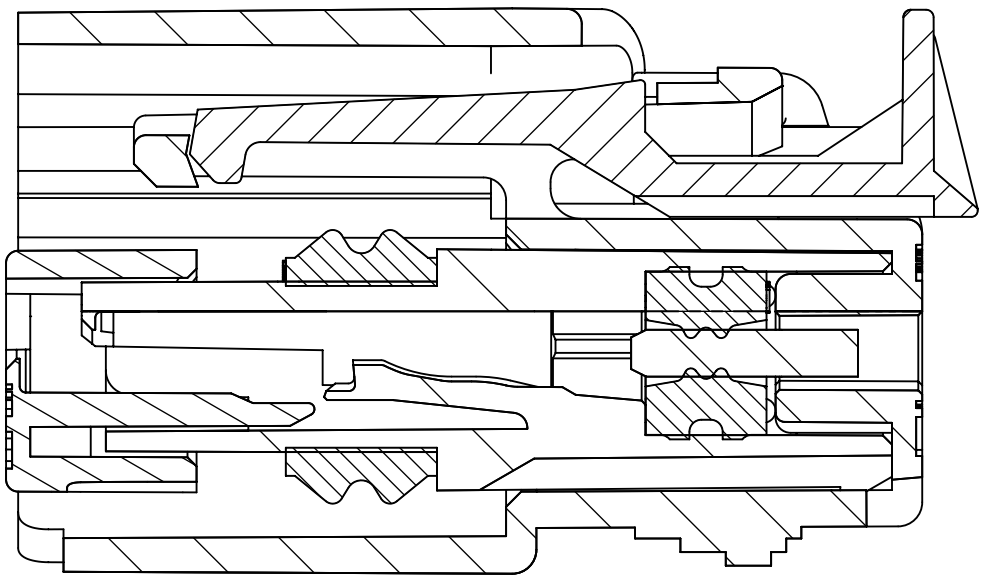
3140X-XXXX

- SEAL PLUG CONFIGURATION (AS MOLDED)
- 0 - ALL CIRCUITS OPEN
 - 1-9 SEE CHART
- CPA OPTION
- 0 OR 2 - WITHOUT CPA
 - 1 OR 3 - WITH CPA
 - 4 - WITHOUT CPA, WITH CLIPSLOT
 - 5 - WITH CPA, WITH CLIPSLOT
- USCAR POLARIZATION OPTION
- 1 - POLARIZATION OPTION A
 - 2 - POLARIZATION OPTION B
 - 3 - POLARIZATION OPTION C
 - 4 - POLARIZATION OPTION D
 - 5 - POLARIZATION OPTION B, BLACK
 - 6 - POLARIZATION OPTION C, BLACK
 - 7 - POLARIZATION OPTION D, BLACK
 - 8 - POLARIZATION OPTION C, NATURAL
 - 9 - POLARIZATION OPTION D, GRAY
 - 0 - POLARIZATION OPTION D, DARK GRAY
- CIRCUIT SIZE 2, 3, 4, 5, 6 & 8
- 6 - CIRCUIT SIZE 6, WITH 31412-6500 OR 31412-6501 RING SEAL (FOR 31402 AND 31403 SERIES)
WITH 31412-6500 RING SEAL (FOR 31404 SERIES)
 - 7 - CIRCUIT SIZE 6, WITH 31412-6501 RING SEAL (FOR 31404 SERIES)
- TERMINAL OPTION
- 2 - TYCO/MOLEX GET 0.64
 - 3 - MOLEX 0.64
 - 4 - YAZAKI KAIZEN 0.64/TE GEN Y 0.64/JST AIT 0.64

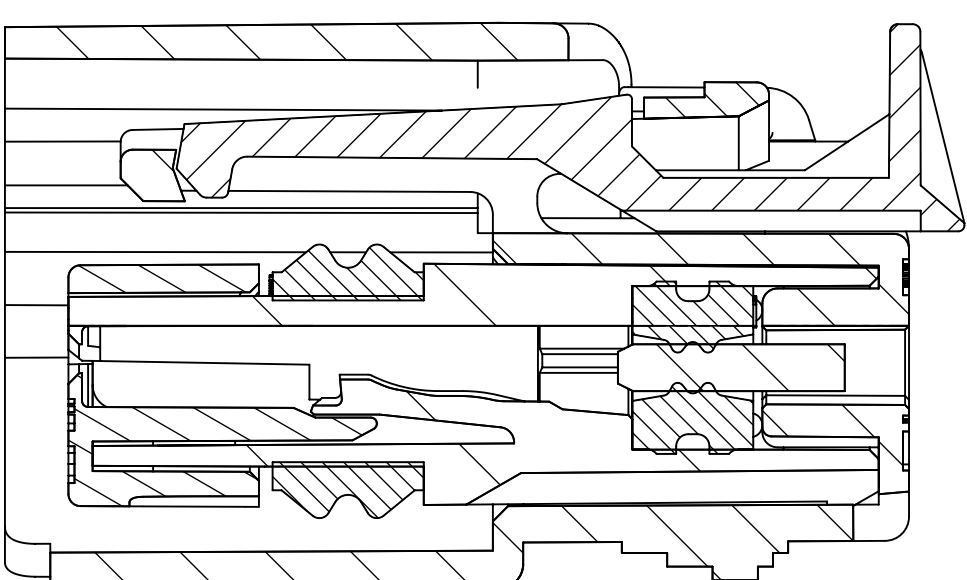
U7	ADD P/N: 31402-6134 to 31402-6124
U6	ADD P/N: 31402-6001 to 31402-6006 31403-6001 to 31403-6006 31404-6001 to 31404-6012
U5	ADD P/N: 31402-6122/6132/6123/6133, 31403-6105/6115/6502/6512
U4	DELETE P/N 31402-2120/2130
U3	DELETE OBSOLETE P/N'S (31404-6XXX) DELETE P/N WITH GREEN AND BROWN COLOR
U2	ADD P/N: 31404-7126, 31404-7136
U1	ADD P/N: 31402-3115, 31402-3105
U	OBSOLETE P/N 31404-6XXX
T8	ADD P/N: 31404-7804, 31404-7814
T7	CHANGE STATUS FROM "TOOLED" TO "SALEABLE" ADD P/N 31404-7135/7125, 31404-7216/7206, 31404-7913/7903
T6	ADD P/N: 31404-7124, 31404-7134, 31404-7205, 31404-7215, 31404-7803, 31404-7813
T5	ADD P/N: 31404-7123, 31404-7133, 31404-7902, 31404-7912
T4	ADD P/N:31402-2120,31402-2130,31402-3104,31402-3114,31402-6201,31402-6211, 31402-6301,31402-6311,31402-6401,31402-6411,31402-6501,31402-6511, 31402-6601,31402-6611,31402-6701,31402-6711,31403-6201,31403-6211, 31403-6301,31403-6311,31403-6401,31403-6411,31403-6501,31403-6511, 31403-6601,31403-6611,31403-6701,31403-6711,31404-6201,31404-6211
T2	UPDATE BOM INFORMATION ON SHEET 9
T1	DELETE 31402/31403-7*** P/N
T	ADD P/N 31407-7XXXX FOR 1X6 WITH 31412-6501 RING SEAL VERSION ON SHEET 9
S	ADD P/N: 31402-6131; 31402-6121
R	ADD P/N: 31404-3112; 31404-3102
P	ADD P/N: 31403-3132; 31403-3122
M	ADD P/N: 31402-6118; 31402-6108
REV	REV DESCRIPTION

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	= 0	DIMENSION UNITS	SCALE
	= 0	mm	1:1
	= 0	CURRENT REV DESC:	
DIVISIONAL SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)	
		ANGULAR TOL ± 3.0°	
4 PLACES		±	
3 PLACES		±	
2 PLACES		± 0.13	
1 PLACE		± 0.3	
0 PLACES		±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	
		DRAWING	
		SERIES	
		MATERIAL NUMBER	
		CUSTOMER	
		SHEET NUMBER	
		CURRENT REV DESC:	
		GENERAL TOLERANCES (UNLESS SPECIFIED)	
		ANGULAR TOL ± 3.0°	
		4 PLACES ±	
		3 PLACES ±	
		2 PLACES ± 0.13	
		1 PLACE ± 0.3	
		0 PLACES ±	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
		THIRD ANGLE PROJECTION	
		DRAWING	
		SERIES	
		MATERIAL NUMBER	
		CUSTOMER	
		SHEET NUMBER	
		CURRENT REV DESC:	
		GENERAL TOLERANCES (UNLESS SPECIFIED)	
		ANGULAR TOL ± 3.0°	
		4 PLACES ±	
		3 PLACES ±	
		2 PLACES ± 0.13	
		1 PLACE ± 0.3	
		0 PLACES ±	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
		THIRD ANGLE PROJECTION	
		DRAWING	
		SERIES	
		MATERIAL NUMBER	
		CUSTOMER	
		SHEET NUMBER	
		CURRENT REV DESC:	
		GENERAL TOLERANCES (UNLESS SPECIFIED)	
		ANGULAR TOL ± 3.0°	
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		3 PLACES ±	
		2 PLACES ± 0.13	
		1 PLACE ± 0.3	
		0 PLACES ±	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
		THIRD ANGLE PROJECTION	
		DRAWING	
		SERIES	
		MATERIAL NUMBER	
		CUSTOMER	
		SHEET NUMBER	
		CURRENT REV DESC:	
		GENERAL TOLERANCES (UNLESS SPECIFIED)	
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		4 PLACES ±	
		3 PLACES ±	
		2 PLACES ± 0.13	
		1 PLACE ± 0.3	
		0 PLACES ±	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
		THIRD ANGLE PROJECTION	
		DRAWING	
		SERIES	
		MATERIAL NUMBER	
		CUSTOMER	
		SHEET NUMBER	
		CURRENT REV DESC:	
		GENERAL TOLERANCES (UNLESS SPECIFIED)	
		ANGULAR TOL ± 3.0°	
		4 PLACES ±	
		3 PLACES ±	
		2 PLACES ± 0.13	
		1 PLACE ± 0.3	
		0 PLACES ±	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
		THIRD ANGLE PROJECTION	
		DRAWING	
		SERIES	
		MATERIAL NUMBER	
		CUSTOMER	
		SHEET NUMBER	
		CURRENT REV DESC:	
		GENERAL TOLERANCES (UNLESS SPECIFIED)	
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		4 PLACES ±	
		3 PLACES ±	
		2 PLACES ± 0.13	
		1 PLACE ± 0.3	
		0 PLACES ±	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
		THIRD ANGLE PROJECTION	
		DRAWING	
		SERIES	
		MATERIAL NUMBER	
		CUSTOMER	
		SHEET NUMBER	
		CURRENT REV DESC:	
		GENERAL TOLERANCES (UNLESS SPECIFIED)	
		ANGULAR TOL ± 3.0°	
		4 PLACES ±	
		3 PLACES ±	
		2 PLACES ± 0.13	
		1 PLACE ± 0.3	
		0 PLACES ±	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
		THIRD ANGLE PROJECTION	
		DRAWING	
		SERIES	
		MATERIAL NUMBER	
		CUSTOMER	
		SHEET NUMBER	
		CURRENT REV DESC:	
		GENERAL TOLERANCES (UNLESS SPECIFIED)	
		ANGULAR TOL ± 3.0°	
		4 PLACES ±	
		3 PLACES ±	
		2 PLACES ± 0.13	
		1 PLACE ± 0.3	
		0 PLACES ±	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
		THIRD ANGLE PROJECTION	
		DRAWING	
		SERIES	

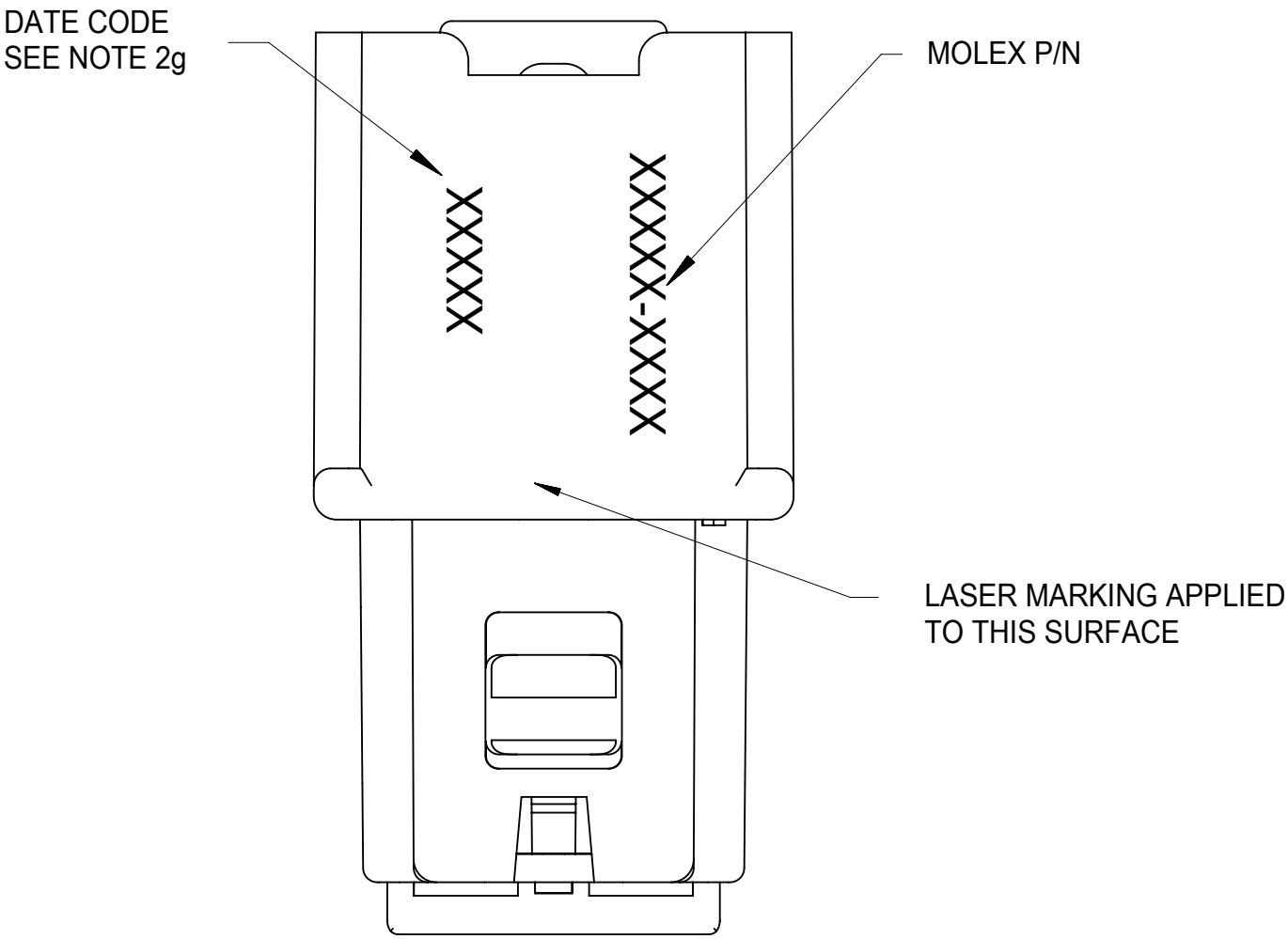
DOCUMENT STATUS	P1	RELEASE DATE	2021/10/11	02:34:41
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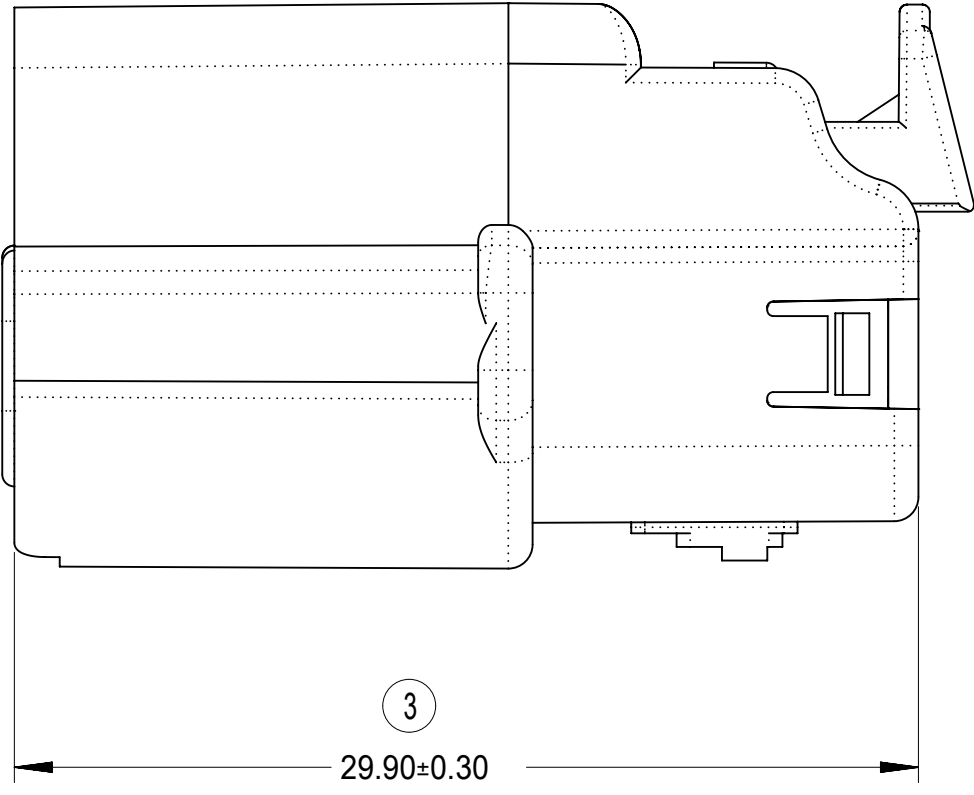
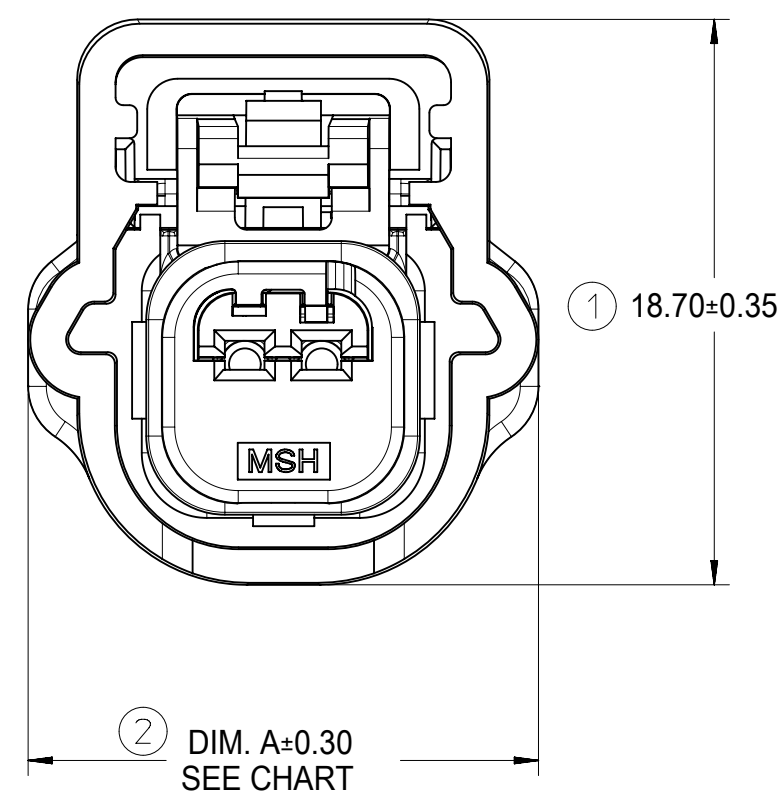
SECTION A-A
TPA SHOWN IN AS-SHIPPED
PRE-LOCKED POSITION
SEE NOTE 1c



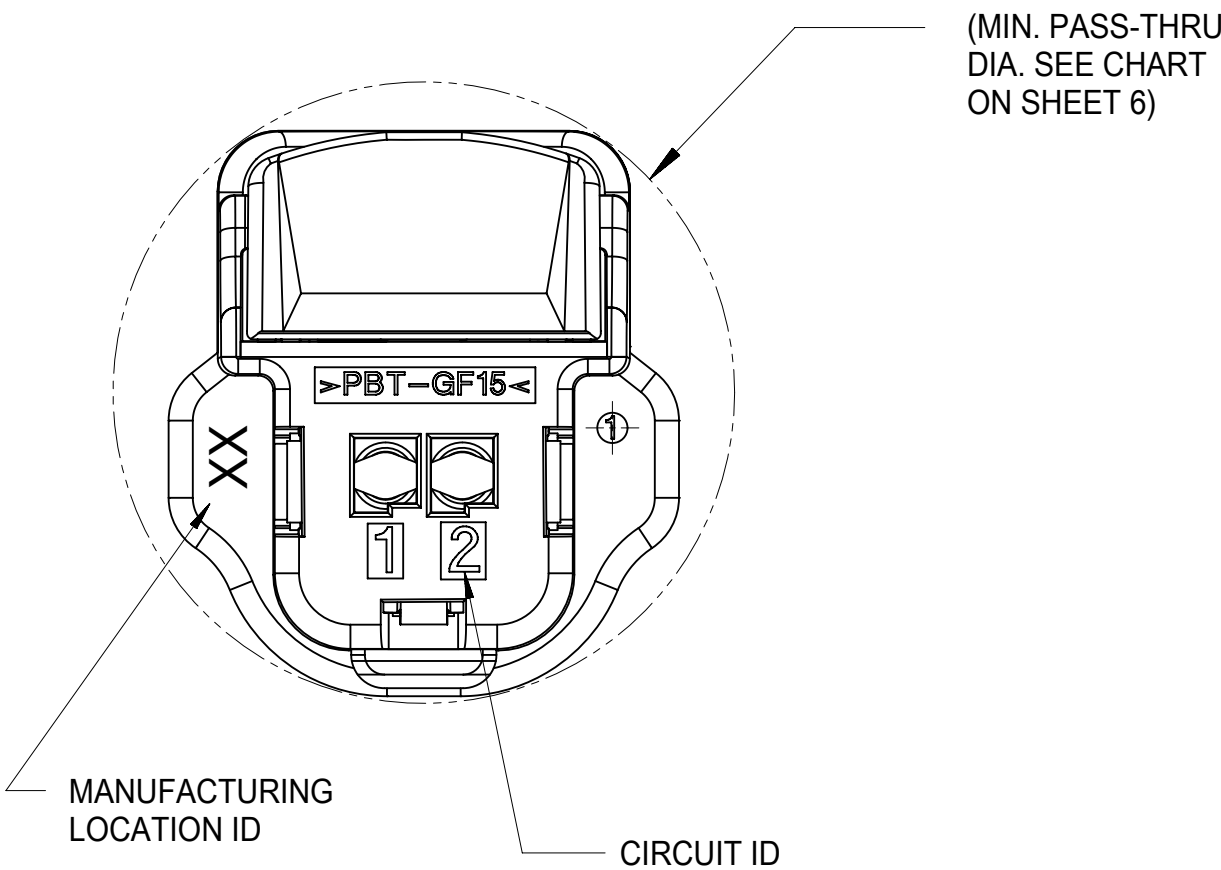
SECTION A-A
TPA SHOWN IN FINAL
LOCKED POSITION



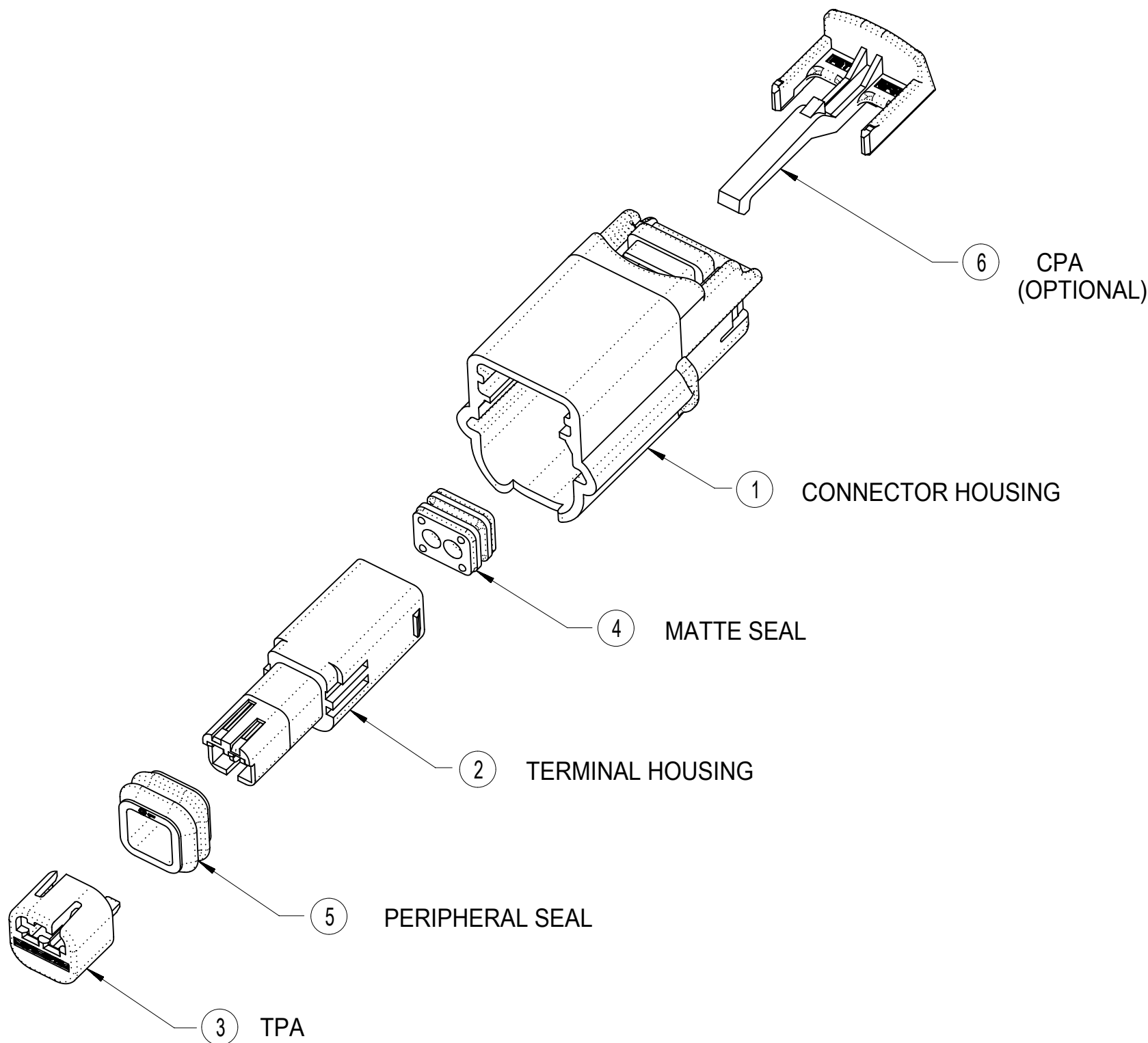
BOTTOM VIEW



RIGHT SIDE VIEW



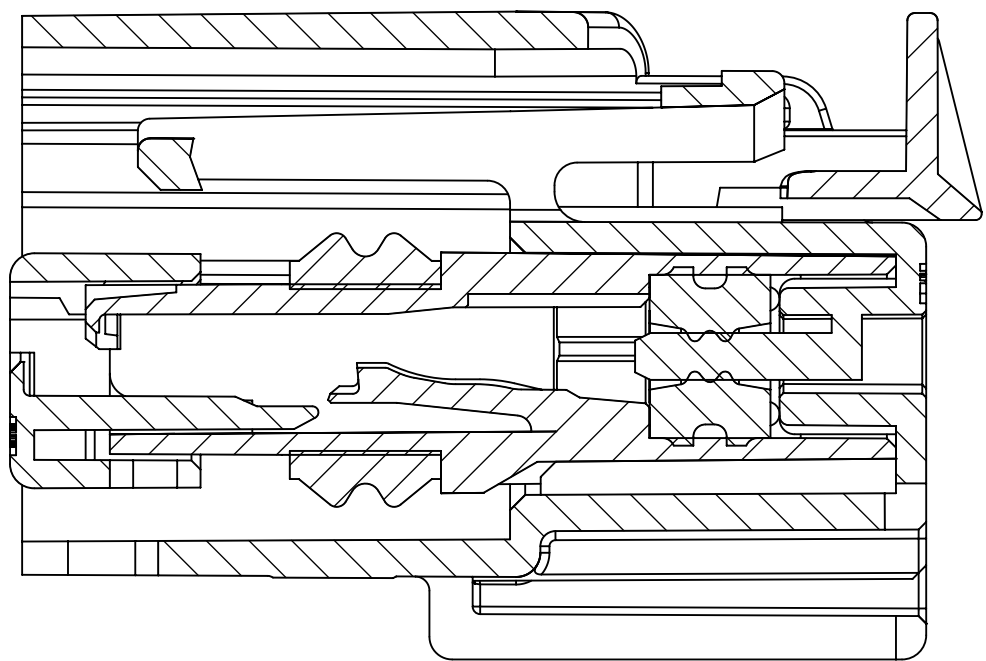
BACK VIEW



ITEM	DESCRIPTION	COLOR	MATERIAL
1	CONNECTOR HOUSING	SEE CHART	PBT GF15
2	TERMINAL HOUSING	BLACK	SPS/PA66 GF30
3	TPA	NATURAL	SPS/PA66 GF20
4	MATTE SEAL	SEE CHART	SILICONE RUBBER
5	PERIPHERAL SEAL	SEE CHART	SILICONE RUBBER
6	CPA - OPTIONAL	RED	PBT GF30

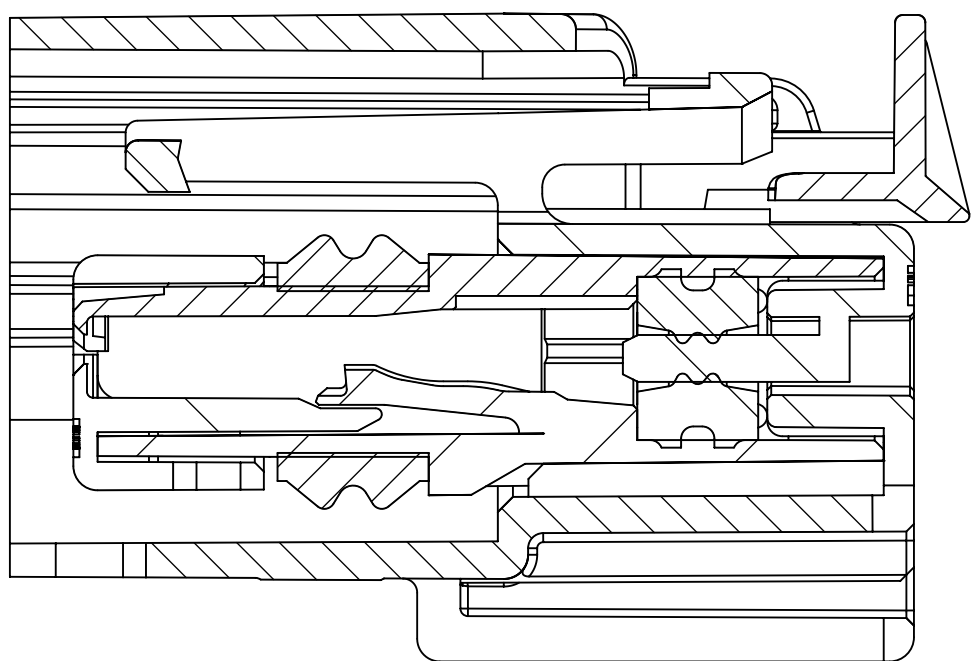
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DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex			
	mm		1:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)				0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY						
	ANGULAR TOL ± 3.0°										
	4 PLACES		±						PRODUCT CUSTOMER DRAWING		
	3 PLACES		±								
	2 PLACES		± 0.13								
1 PLACE		± 0.3		DOCUMENT NUMBER SD-31402-211			DOC TYPE PSD	DOC PART 001	REVISION U7		
0 PLACES		±									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING D-SIZE	SERIES 31402	MATERIAL NUMBER		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 8	

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/11	02:34:41
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SECTION C-C

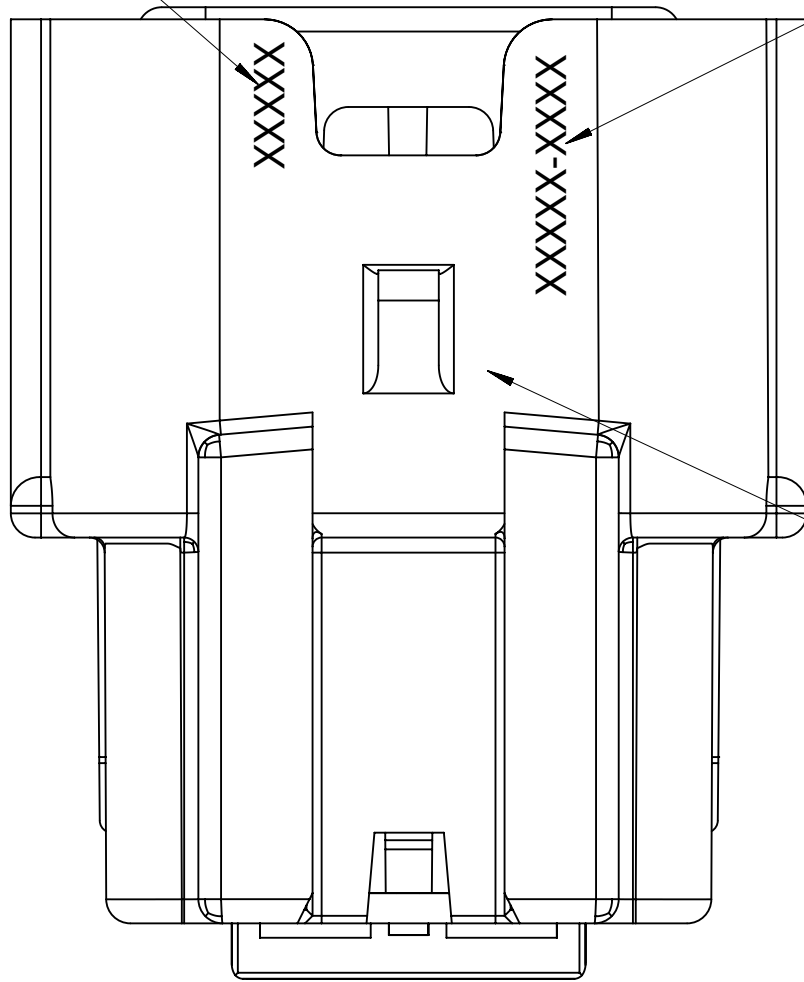
TPA SHOWN IN AS-SHIPPED
PRE-LOCKED POSITION
SEE NOTE 1c



SECTION C-C

TPA SHOWN IN FINAL
LOCKED POSITION

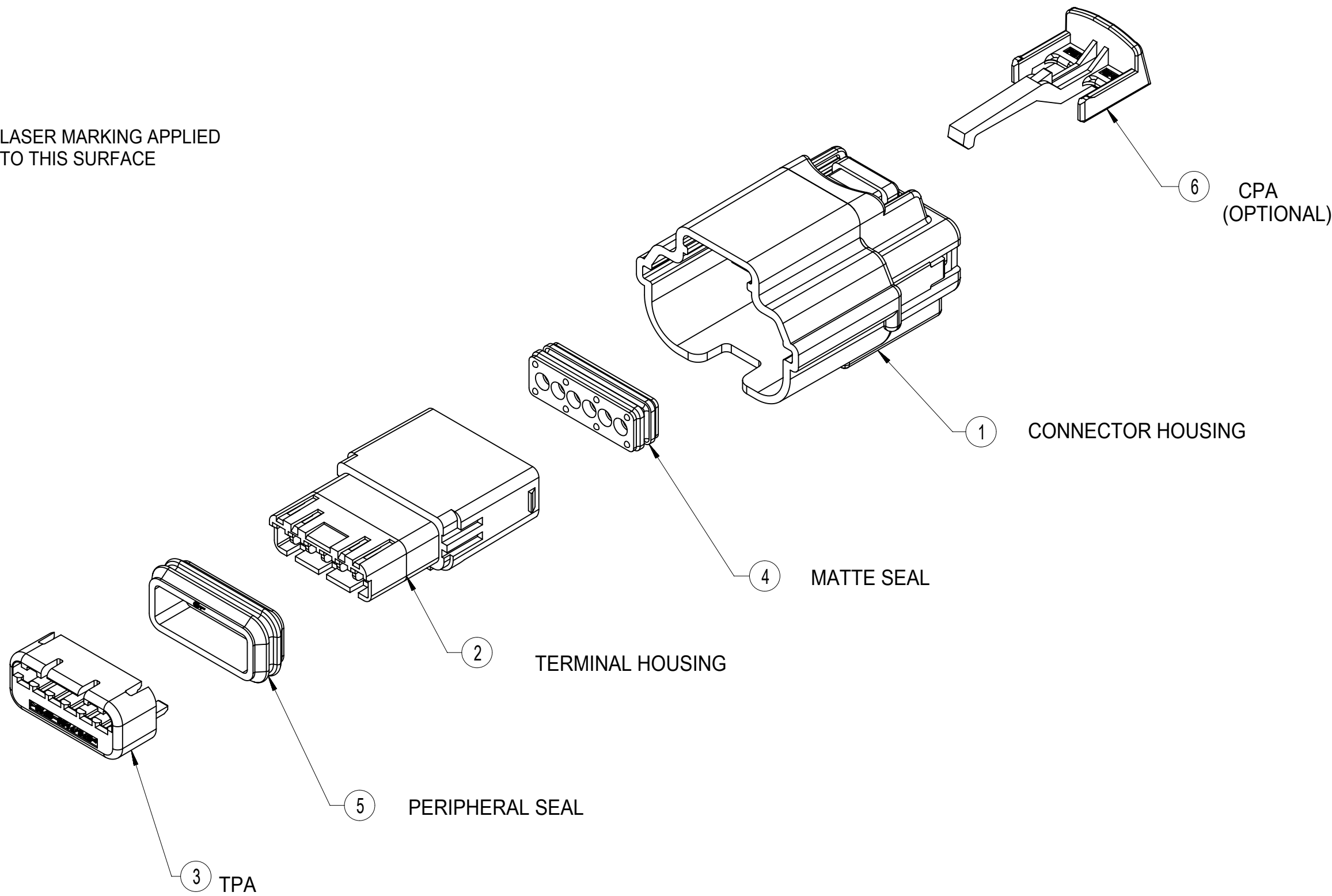
DATE CODE
SEE NOTE 2g



MOLEX P/N

LASER MARKING APPLIED
TO THIS SURFACE

BOTTOM VIEW



CPA
(OPTIONAL)

CONNECTOR HOUSING

MATTE SEAL

TERMINAL HOUSING

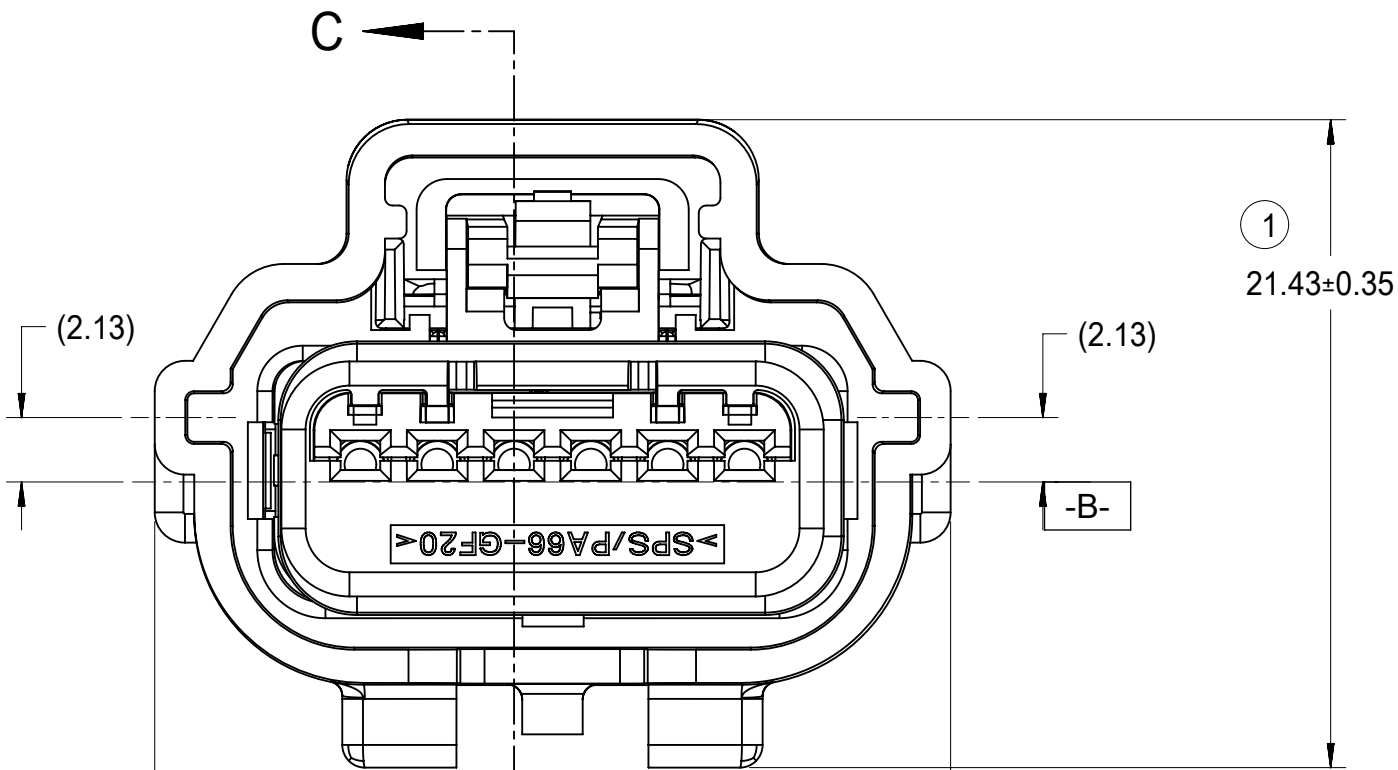
PERIPHERAL SEAL

TPA

(MIN. PASS-THRU
DIA. SEE CHART
ON SHEET 7)

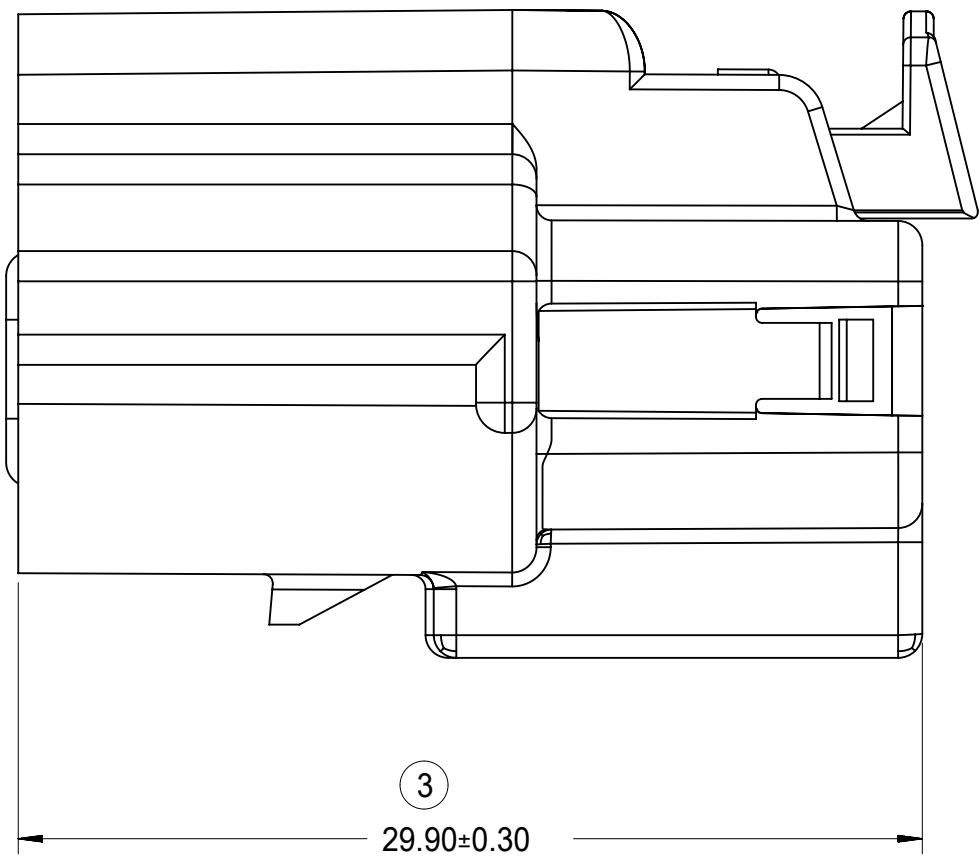
CIRCUIT ID

BACK VIEW



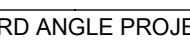
FRONT VIEW

POLARIZATION A

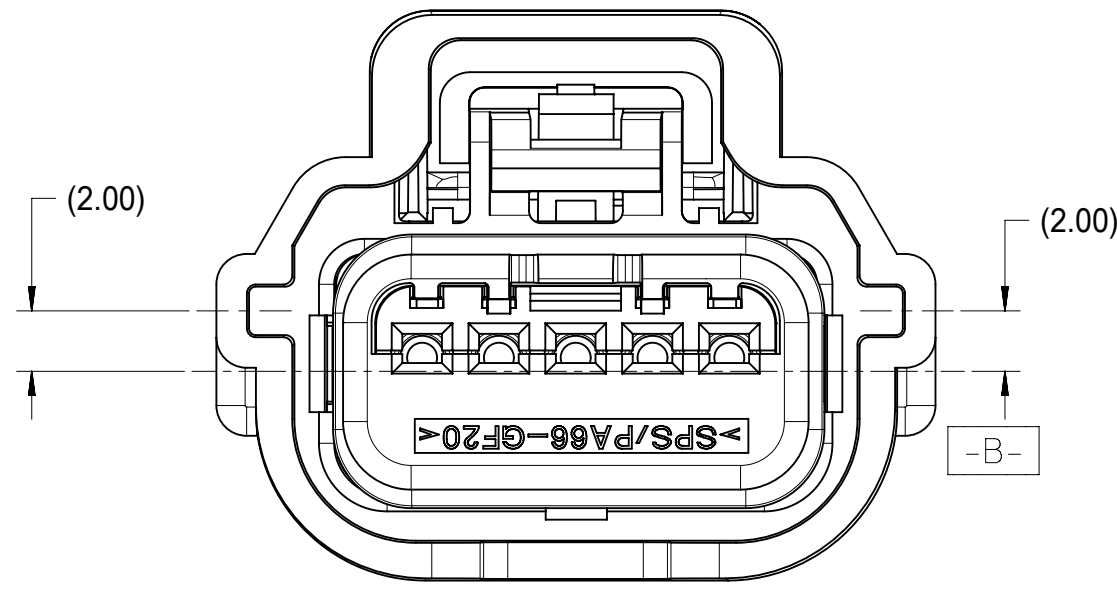


RIGHT SIDE VIEW

ITEM	DESCRIPTION	COLOR	MATERIAL
1	CONNECTOR HOUSING	SEE CHART	PBT GF15
2	TERMINAL HOUSING	BLACK	SPS/PA66 GF30
3	TPA	NATURAL	SPS/PA66 GF20
4	MATTE SEAL	SEE CHART	SILICONE RUBBER
5	PERIPHERAL SEAL	SEE CHART	SILICONE RUBBER
6	CPA - OPTIONAL	RED	PBT GF30

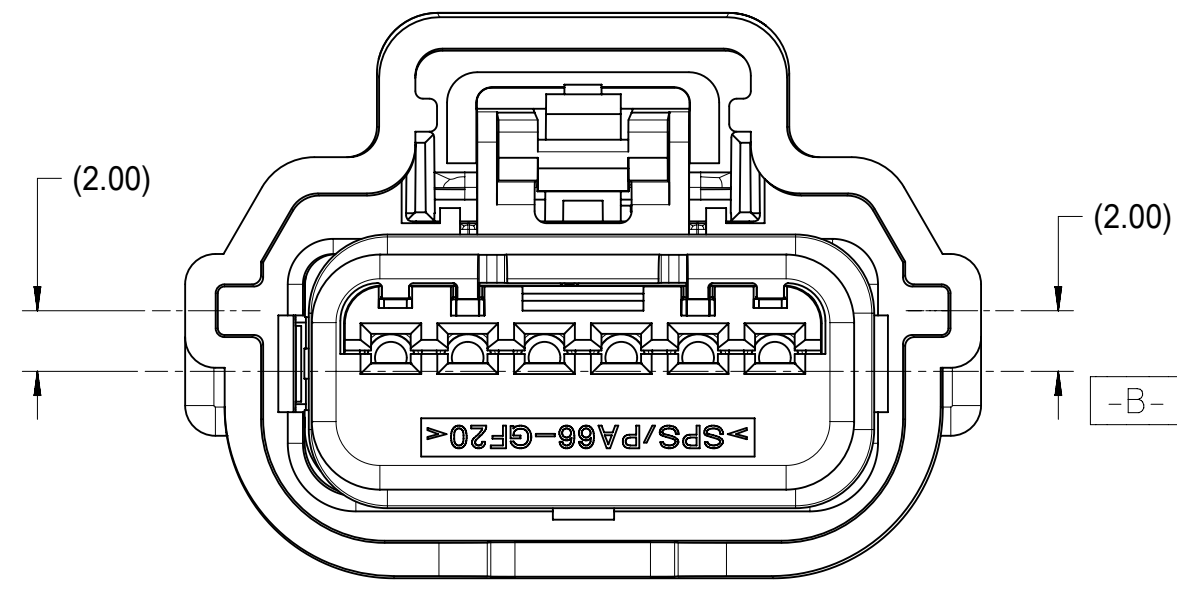
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	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex					
	mm		1:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)					0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY							
ANGULAR TOL ± 3.0°													
DIVISIONAL SYMBOLS	4 PLACES				EC NO: 679773			PRODUCT CUSTOMER DRAWING					
	3 PLACES				DRWN: MCHEN37 2021/09/23								
	2 PLACES		± 0.13		CHK'D: LSONG05 2021/10/08								
	1 PLACE		± 0.3		APPR: CDZHANG 2021/10/11								
	0 PLACES				INITIAL REVISION:								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					DRWN: RCARLSON 2004/03/01			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
					APPR: PBERG 2004/09/30			SD-31402-211		PSD	001	U7	
THIRD ANGLE PROJECTION 					DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
					D-SIZE		31402				GENERAL MARKET		3 OF 8

1X5

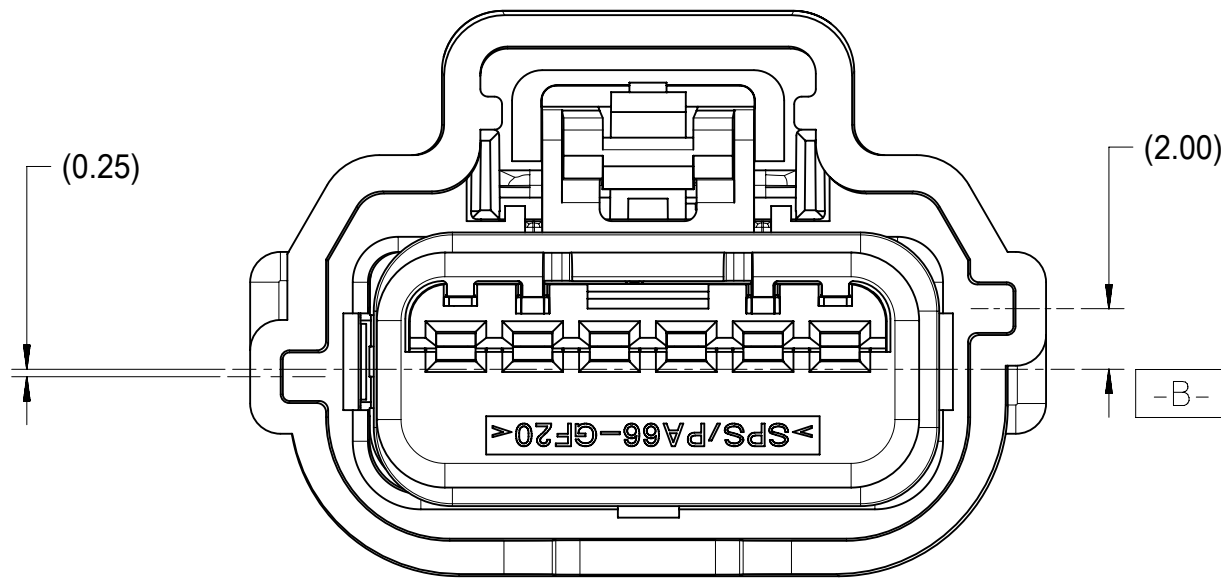


POLARIZATION A

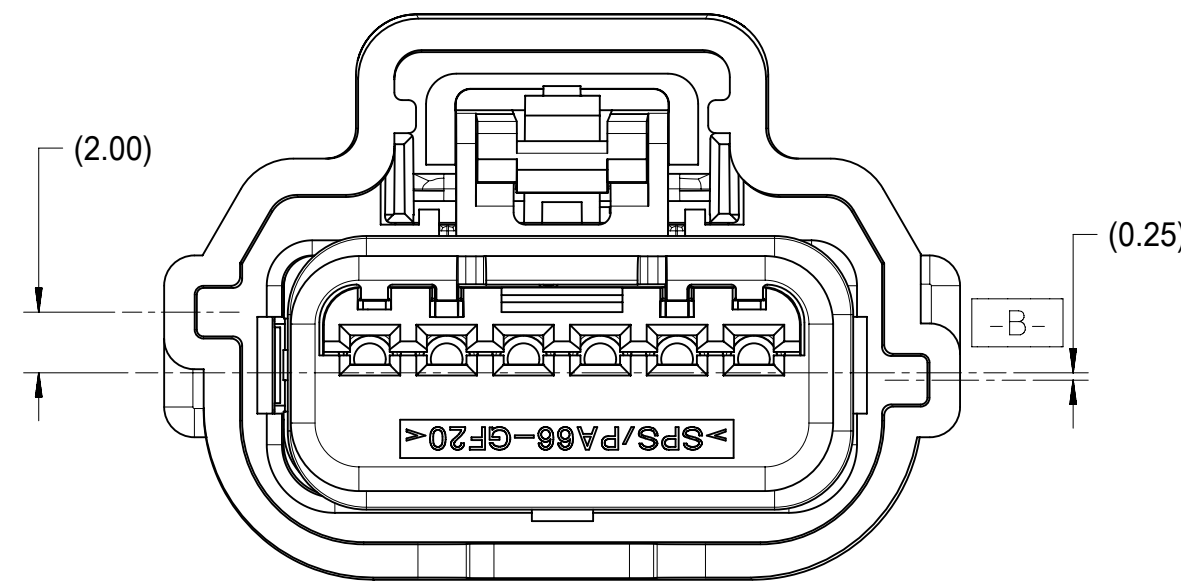
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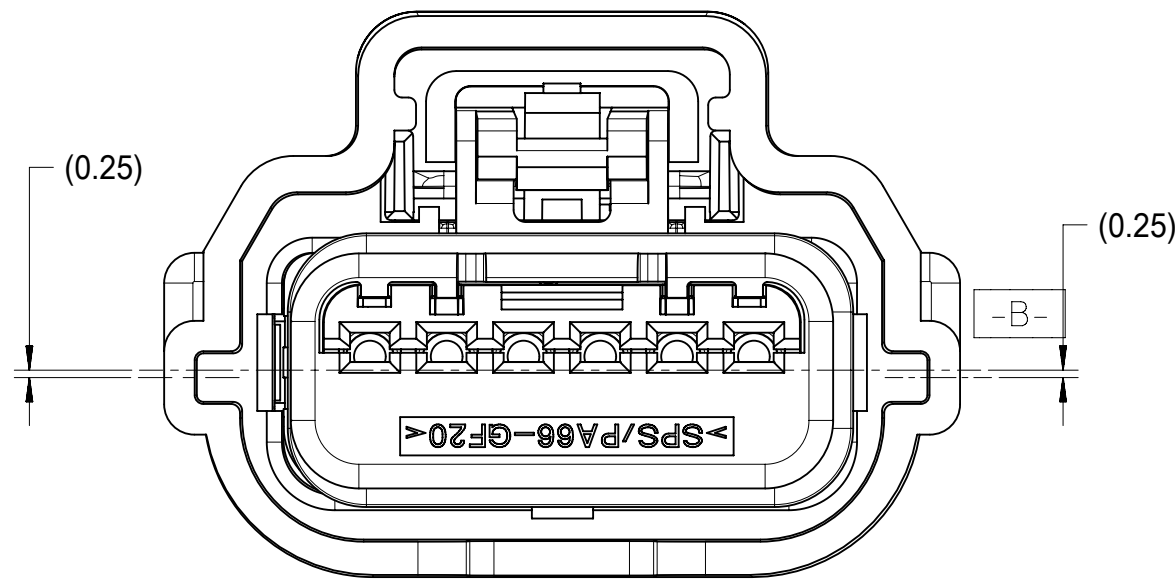
POLARIZATION A



POLARIZATION B

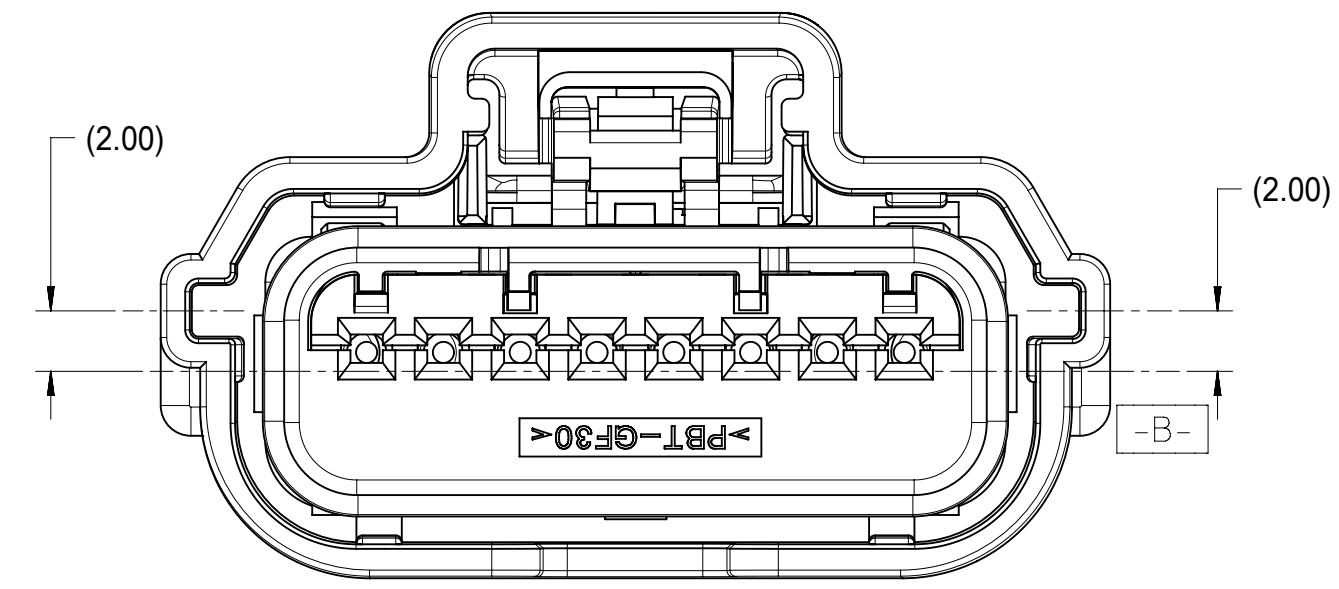


POLARIZATION C

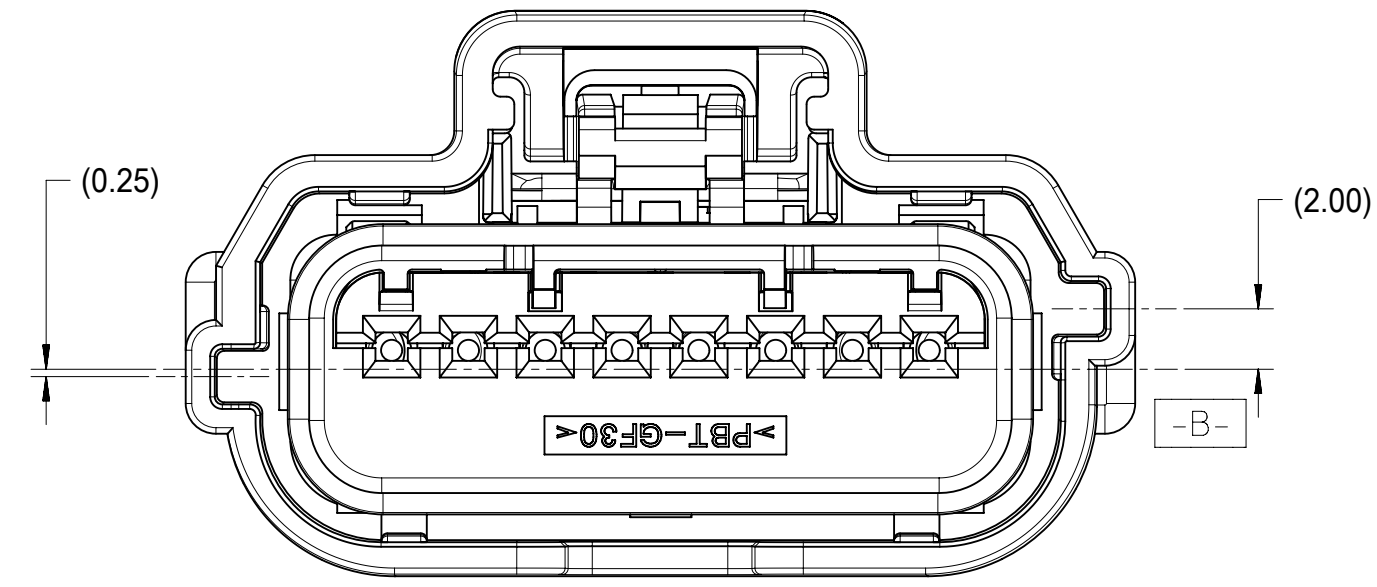


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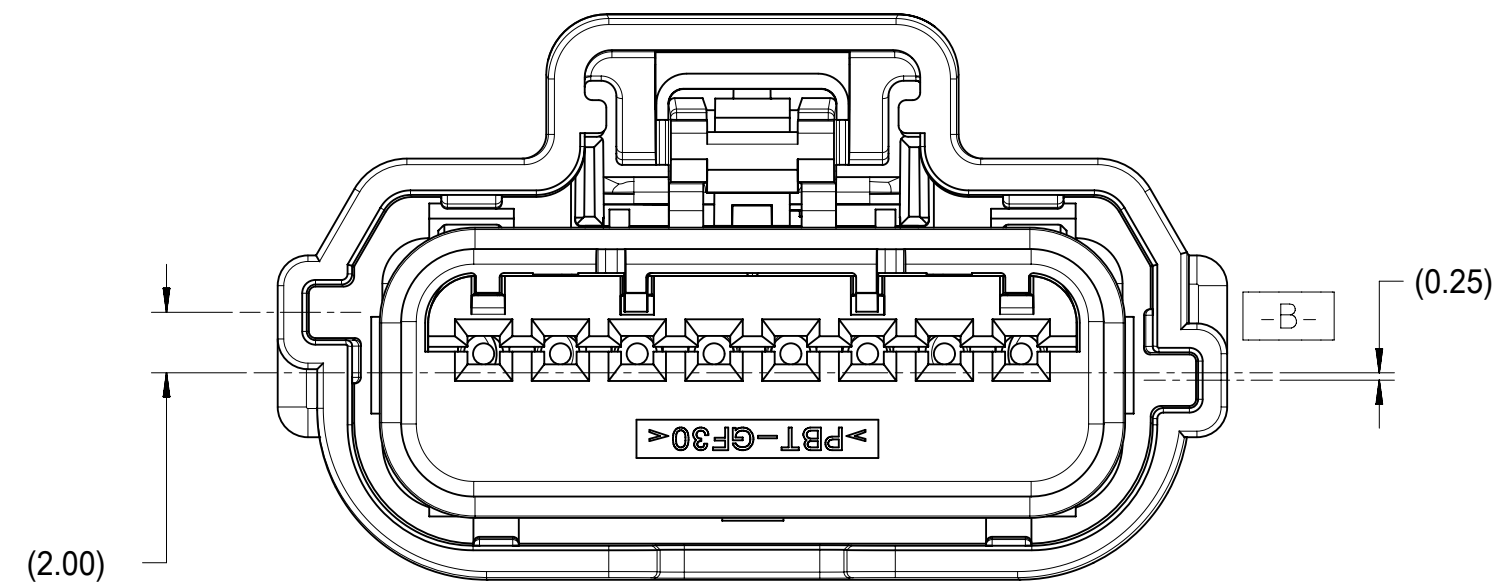
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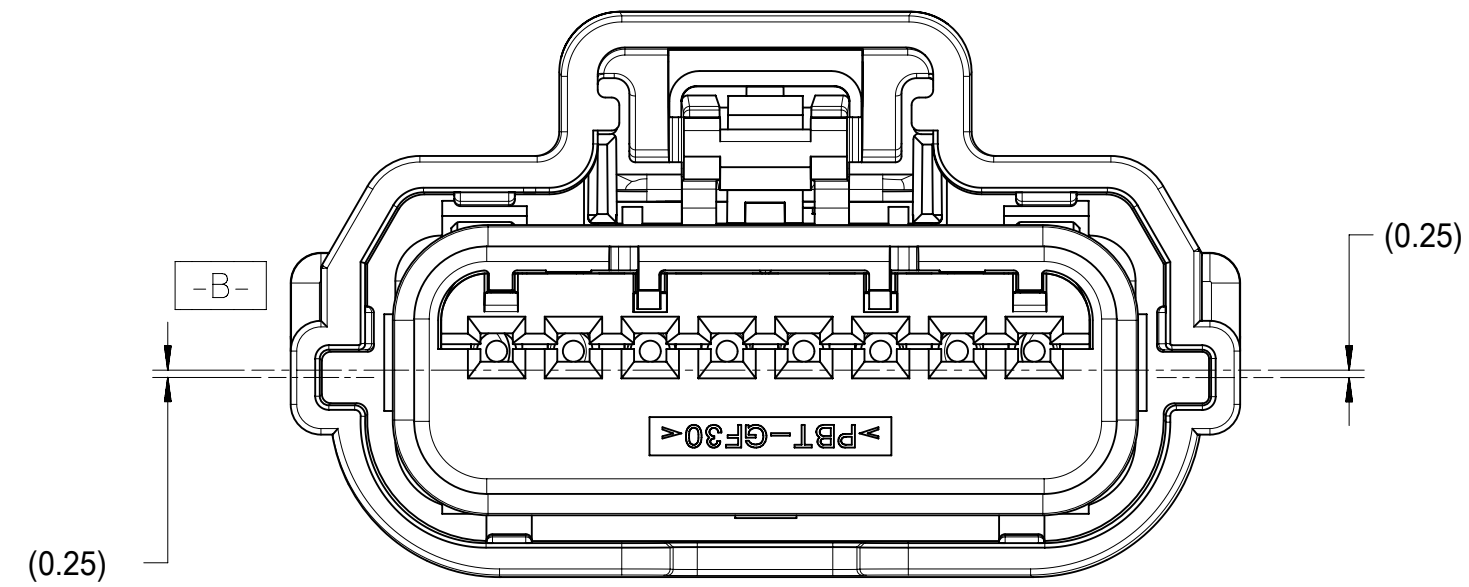
POLARIZATION A



POLARIZATION B



POLARIZATION C



POLARIZATION D

KEY CONFIGURATIONS

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FD = 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: EC NO: 679773 DRWN: MCHEN372021/09/23 CHK'D: LSONG052021/10/08 APPR: CDZHANG2021/10/11 INITIAL REVISION: DRWN: RCARLSON2004/03/01 APPR: PBERG2004/09/30						molex 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY													
		GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 3.0 °								PRODUCT CUSTOMER DRAWING													
		4 PLACES ±		3 PLACES ±								2 PLACES ± 0.13		1 PLACE ± 0.3		0 PLACES ±		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION								DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
				D-SIZE		31402				GENERAL MARKET		5 OF 8													

[illegible]

