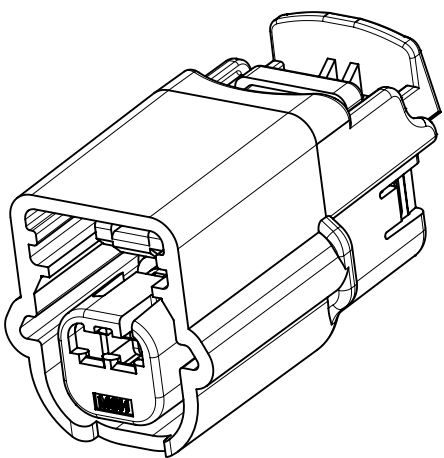
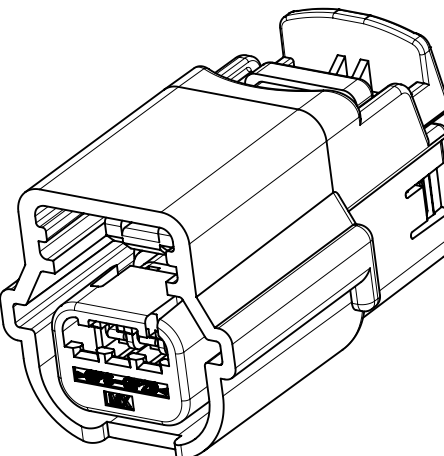
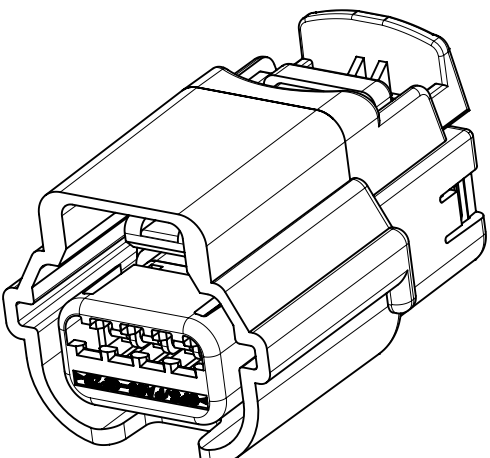




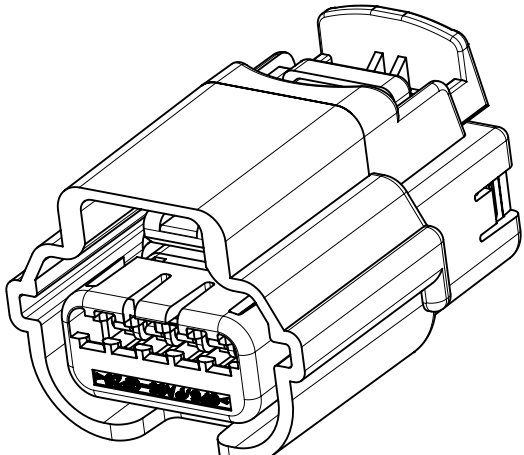
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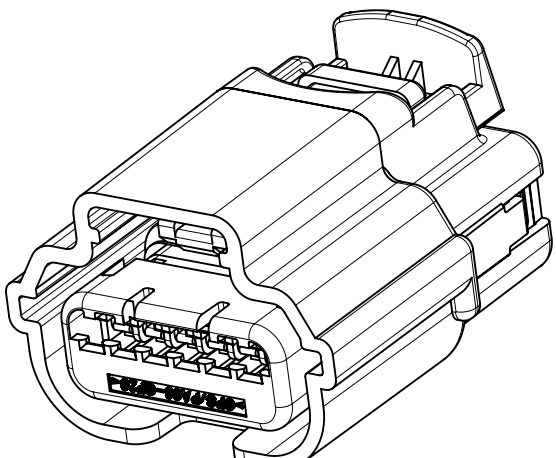
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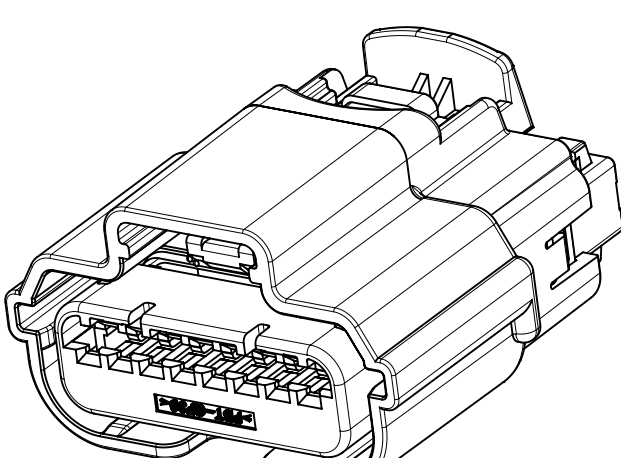
1X4



1X5



1X6



150

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

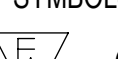
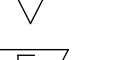
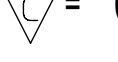
PART NUMBER LEGEND

CONNECTOR ASSEMBLY

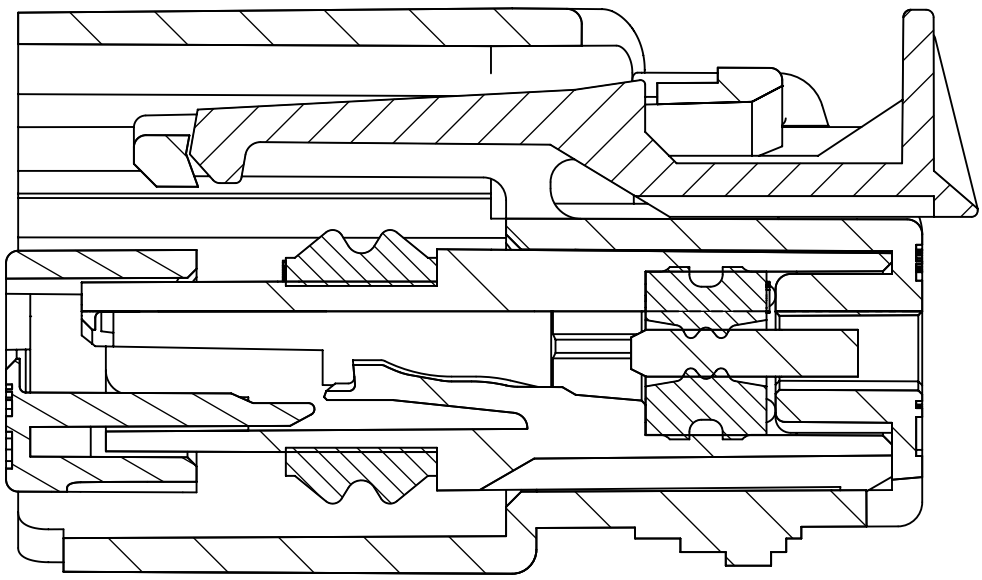
3140X-XXXX

- 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

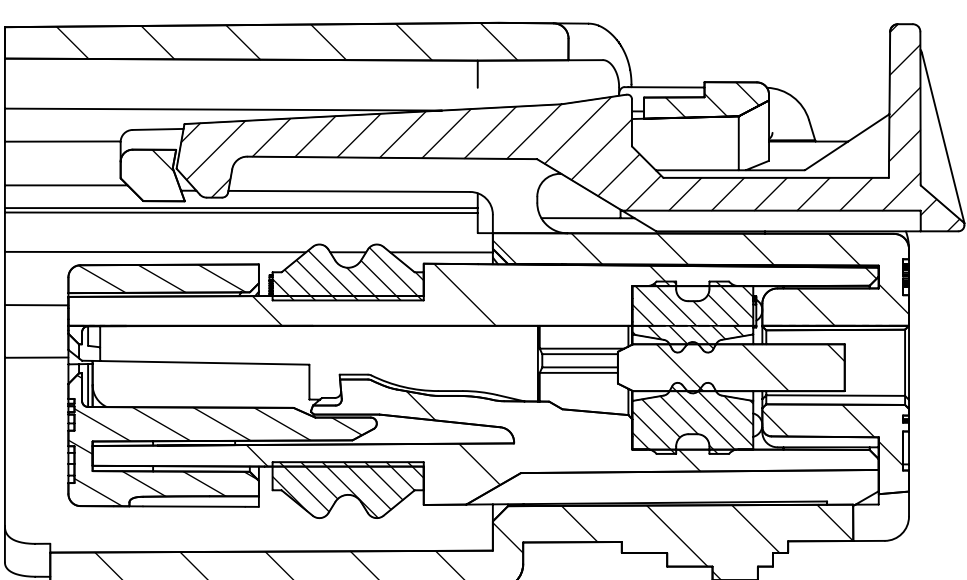
U7	ADD P/N: 31402-6134 to 31402-6124
U6	ADD P/N: 31402-6001 to 31402-6006 31403-6001 to 31403-6006 31404-6001 to 31404-6012
U5	ADD P/N: 31402-6122/6132/6123/6133, 31403-6105/6115/6502/6512
U4	DELETE P/N 31402-2120/2130
U3	DELETE OBSOLETE P/N'S (31404-6XXX) DELETE P/N WITH GREEN AND BROWN COLOR
U2	ADD 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		CURRENT REV DESC:				molex 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY									
 = 0		mm		1:1															
 = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 3.0°		EC NO: 679773				PRODUCT CUSTOMER DRAWING									
DIVISIONAL SYMBOLS		4 PLACES		±		DRWN: MCHEN37		2021/09/23						CHK'D: LSONG05		2021/10/08			
		3 PLACES		±		APPR: CDZHANG		2021/10/11		INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
		2 PLACES		± 0.13		DRWN: RCARLSON		2004/03/01		SD-31402-211				PSD	001	U7			
		1 PLACE		± 0.3		APPR: PBERG		2004/03/30											
		0 PLACES		±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
										D-SIZE		31402				GENERAL MARKET		1 OF 8	

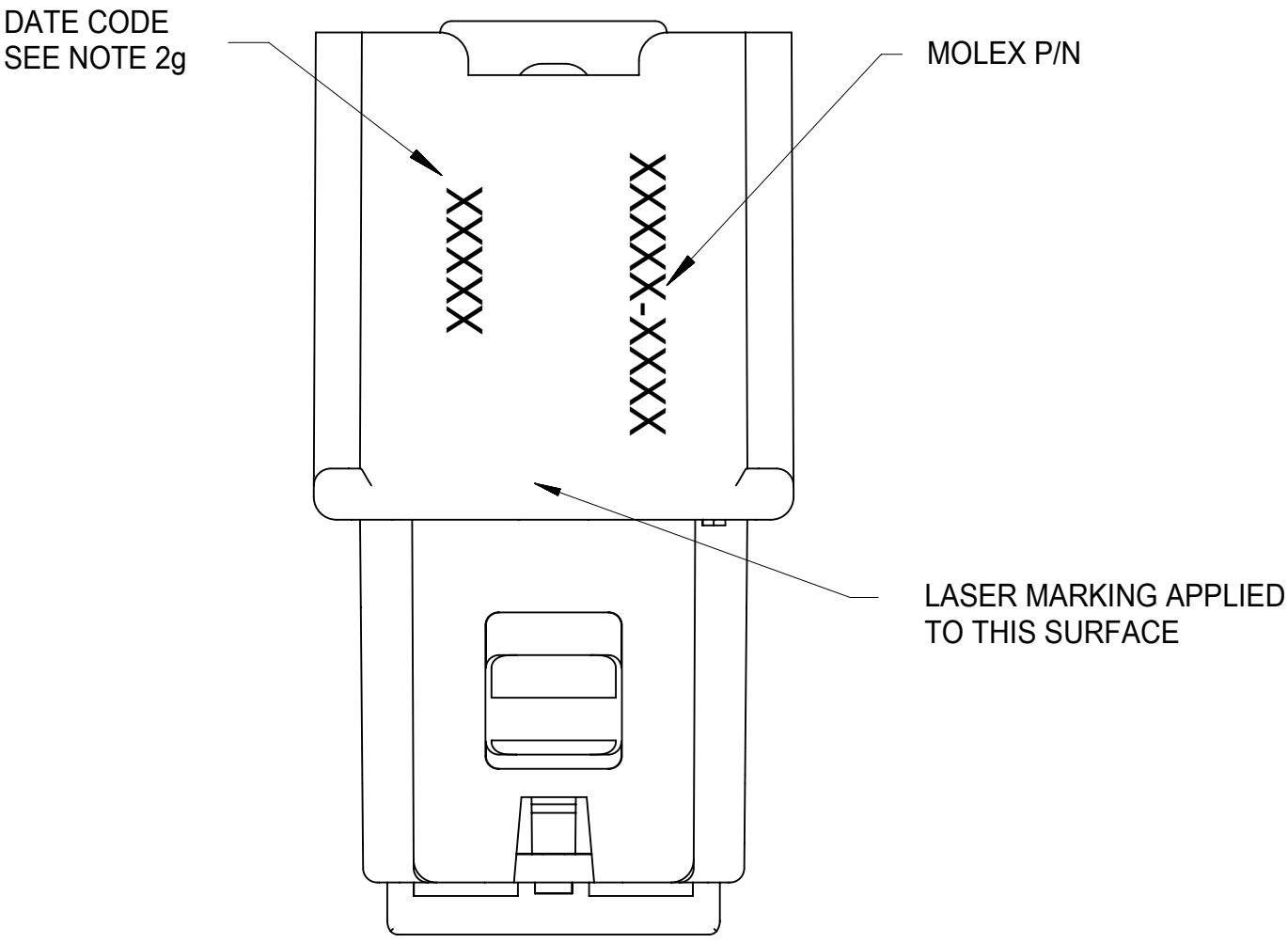
DOCUMENT STATUS	P1	RELEASE DATE	2021/10/11	02:34:41
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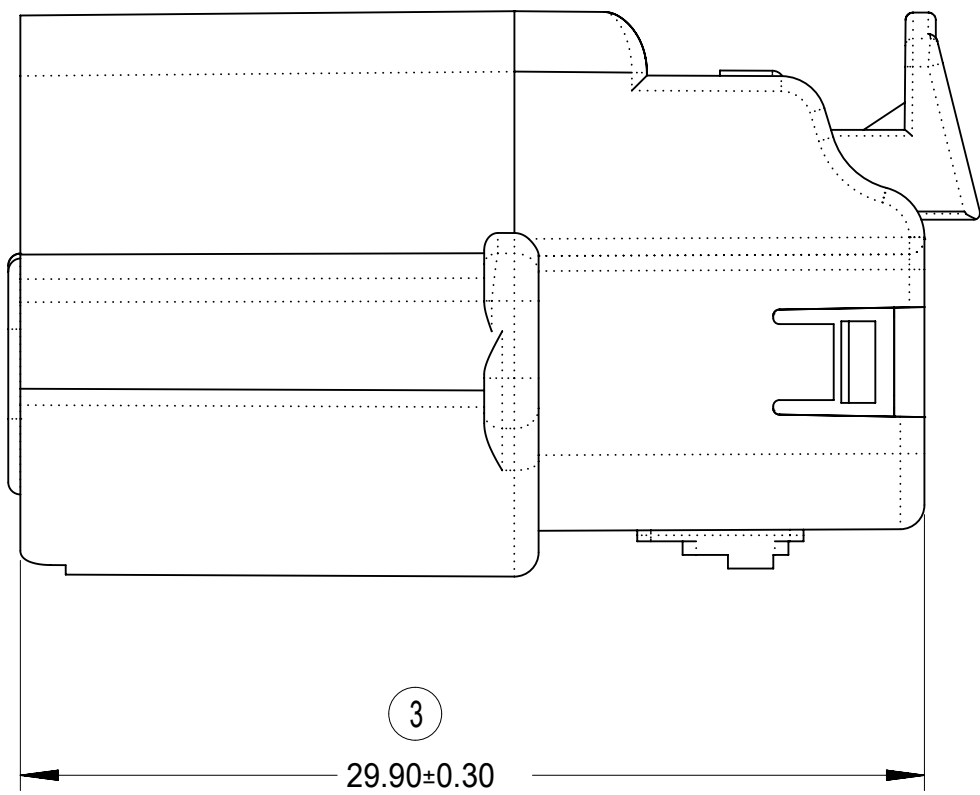
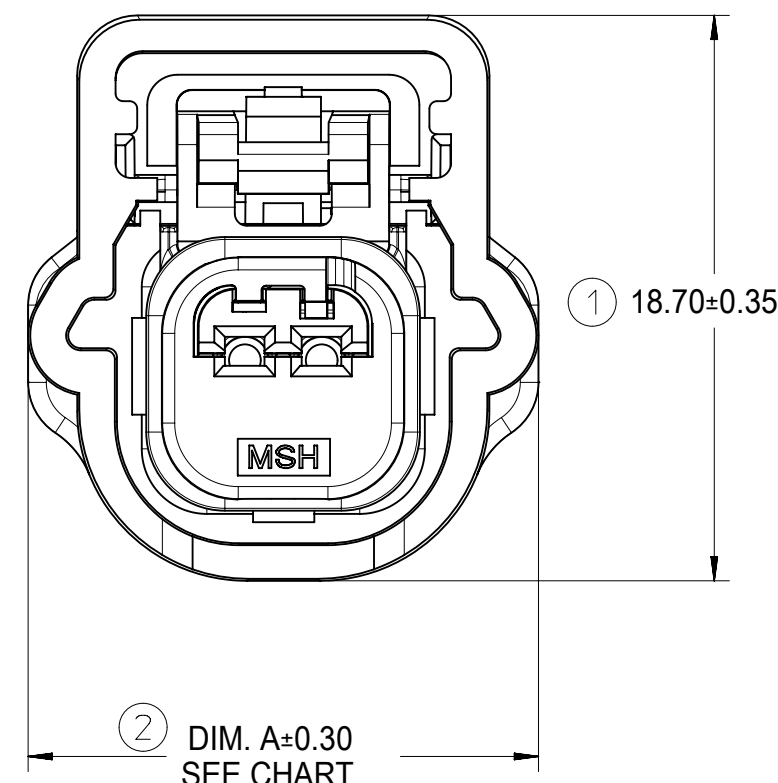
SECTION A-A
TPA SHOWN IN AS-SHIPPED
PRE-LOCKED POSITION
SEE NOTE 1c



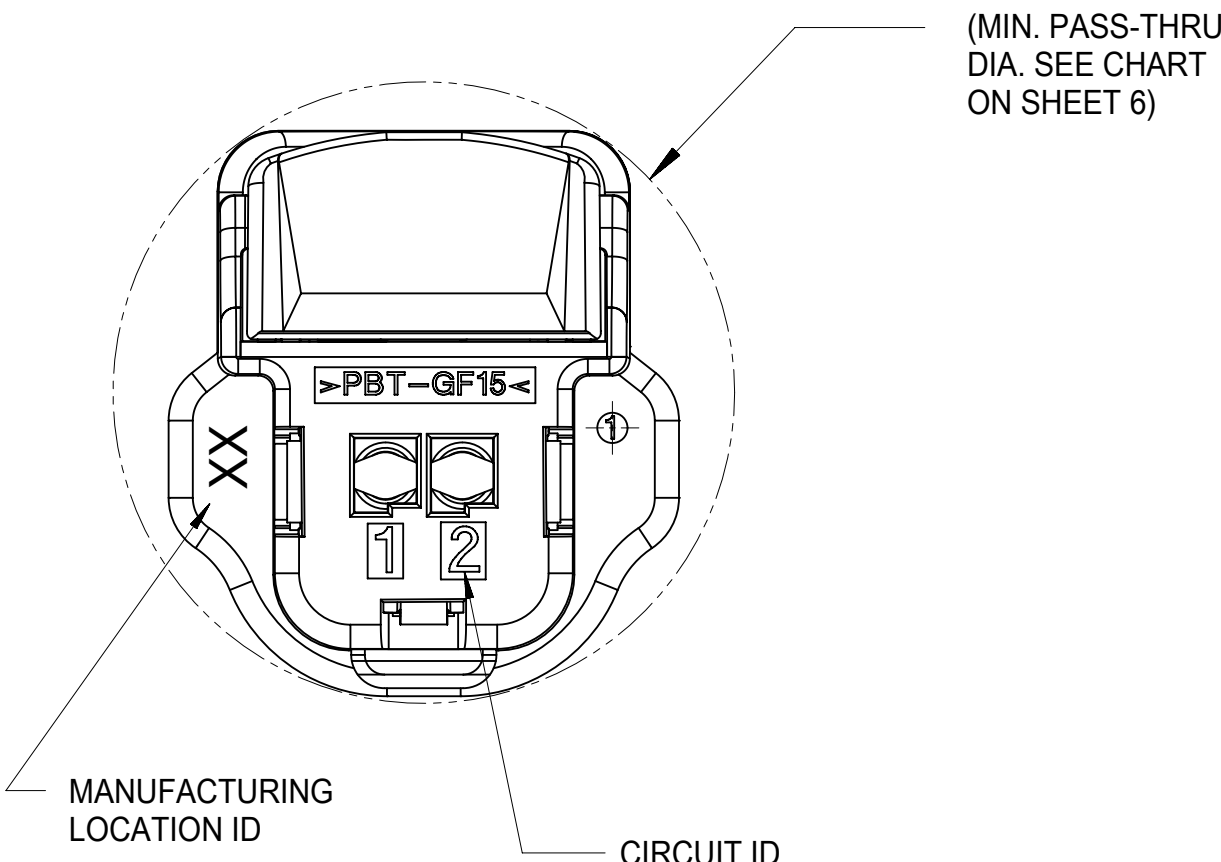
SECTION A-A
TPA SHOWN IN FINAL
LOCKED POSITION



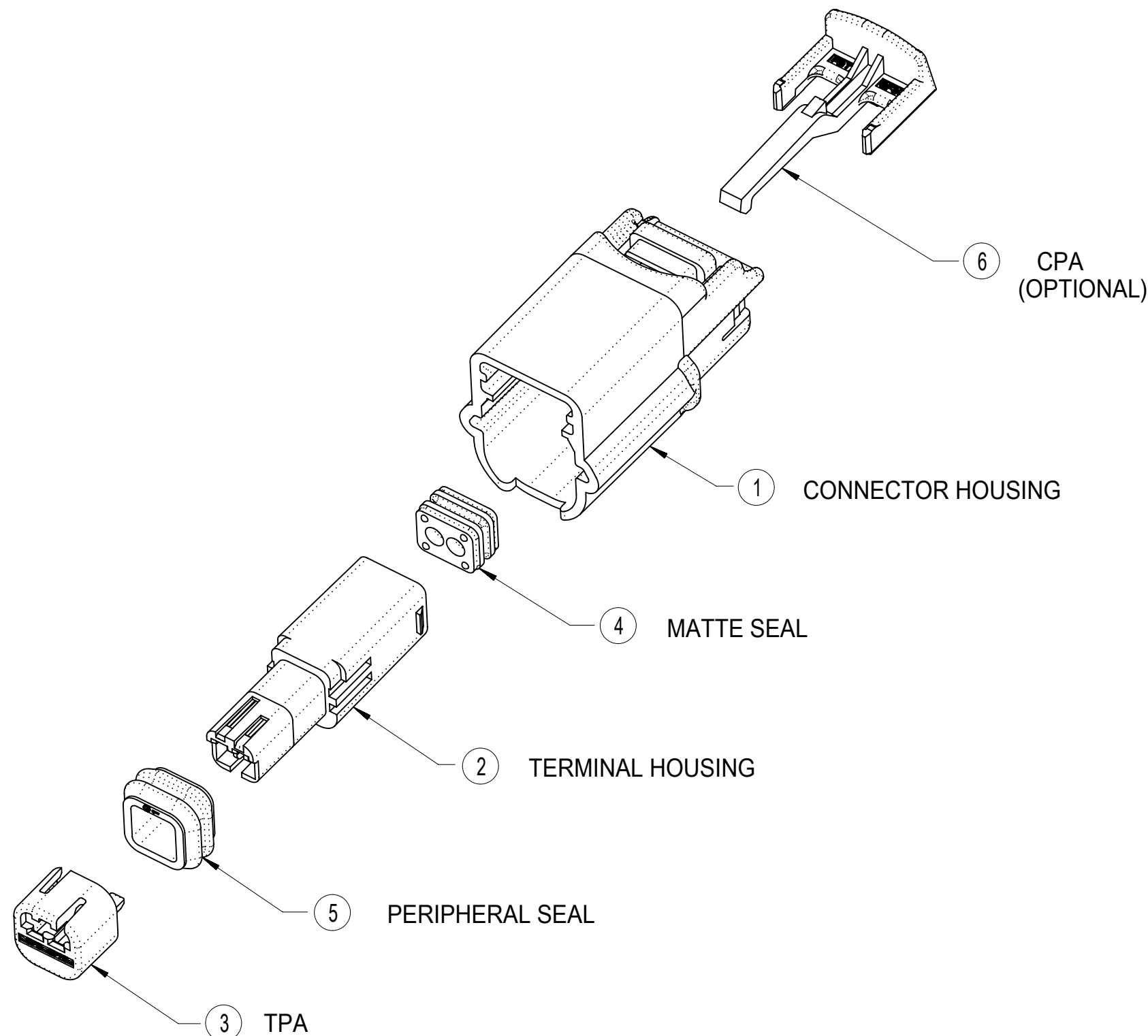
BOTTOM VIEW



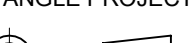
RIGHT SIDE VIEW



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

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC:												
	mm		1:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	ANGULAR TOL ± 3.0 °				EC NO: 679773												
	4 PLACES		±		DRWN: MCHEN37		2021/09/23										
	3 PLACES		±		CHK'D: LSONG05		2021/10/08										
	2 PLACES		± 0.13		APPR: CDZHANG		2021/10/11										
	1 PLACE		± 0.3		INITIAL REVISION:												
0 PLACES		±		DRWN: RCARLSON		2004/03/01		2021/10/11									
APPR: PBERG				2004/09/30													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						D-SIZE		31402		SD-31402-211		PSD		001		U7	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
												GENERAL MARKET				2 OF 8	

CONNECTOR ASSEMBLY WITHOUT CLIPSLOT

molex

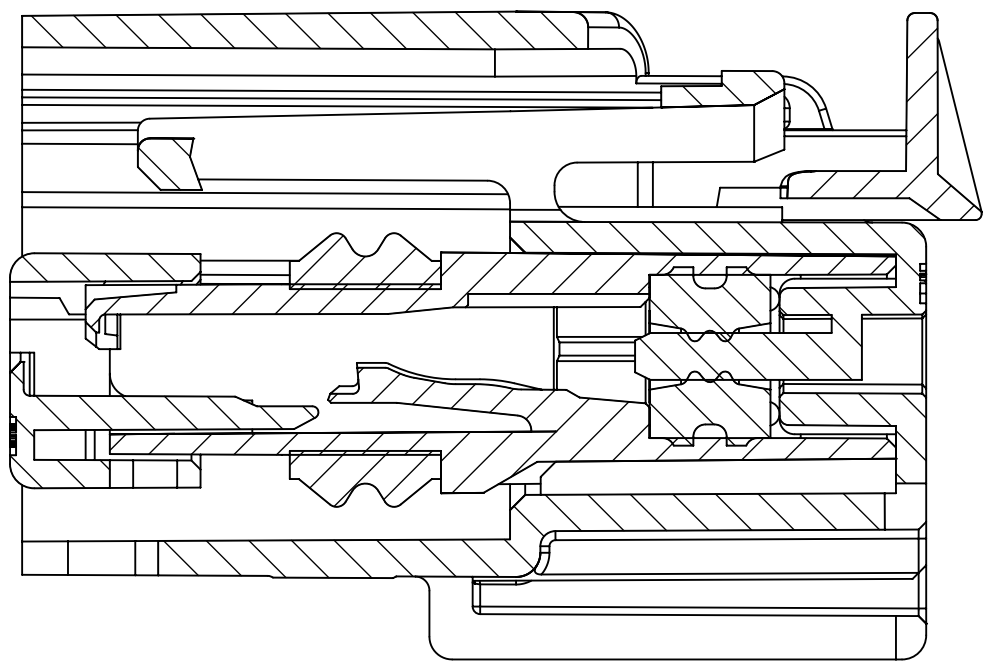
0.64 USCAR CONNECTOR
SEALED SINGLE ROW ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-31402-211	PSD	001	U7

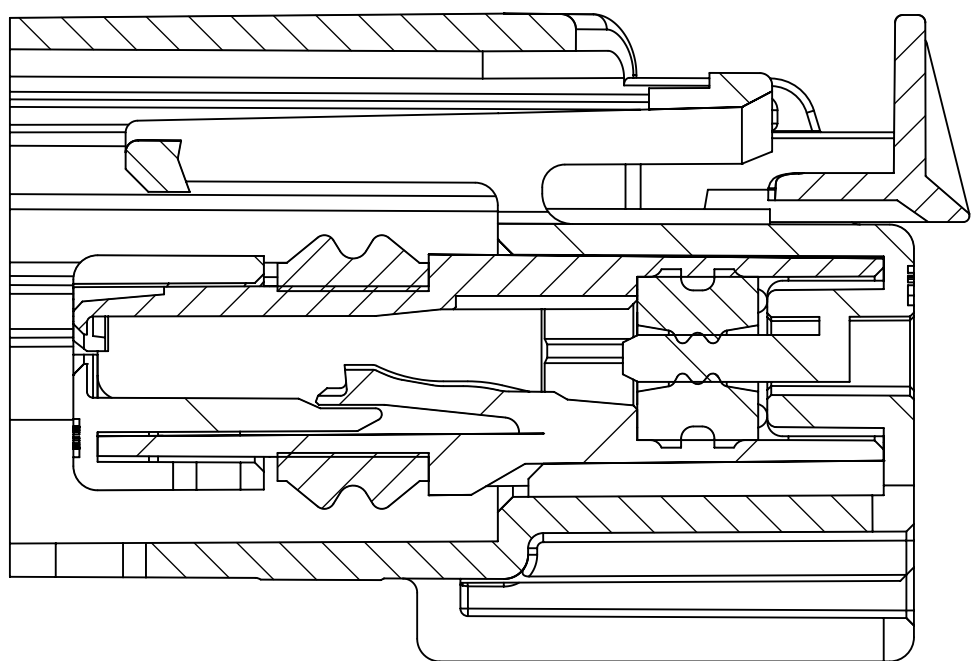
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	2 OF 8

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

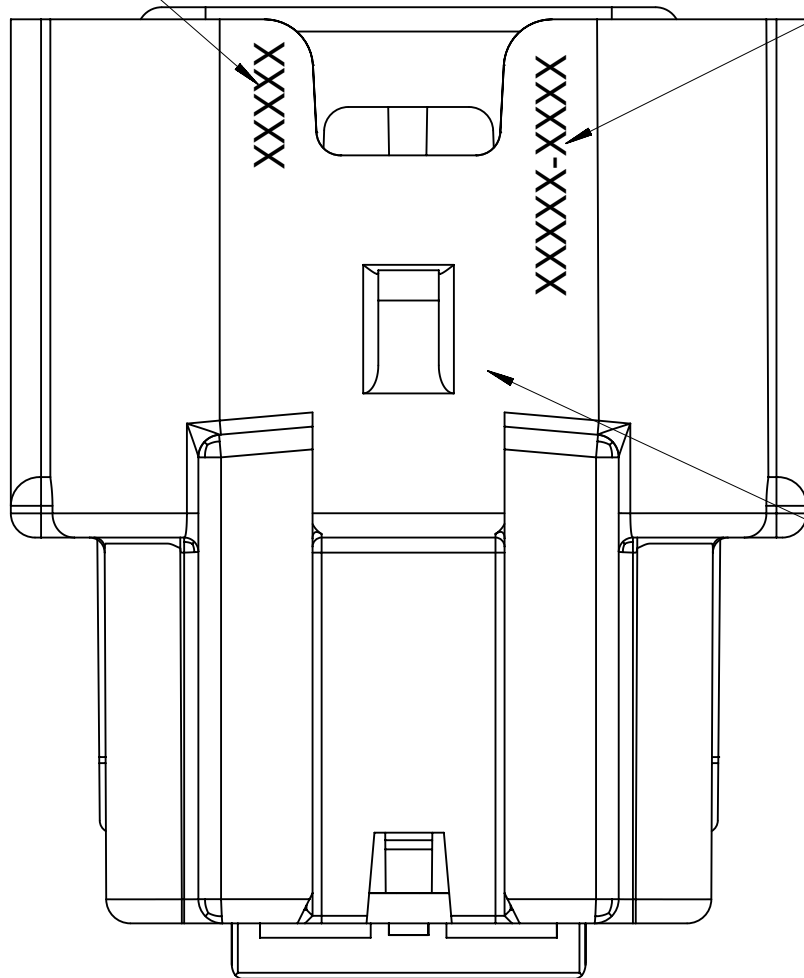
TPA SHOWN IN AS-SHIPPED
PRE-LOCKED POSITION
SEE NOTE 1c



SECTION C-C

TPA SHOWN IN FINAL
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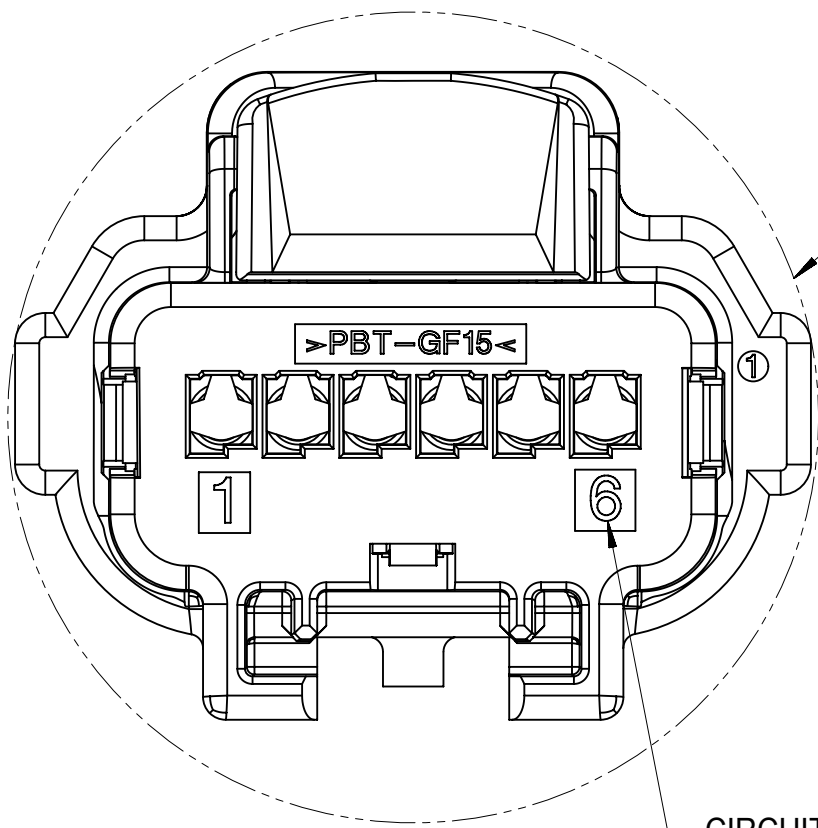
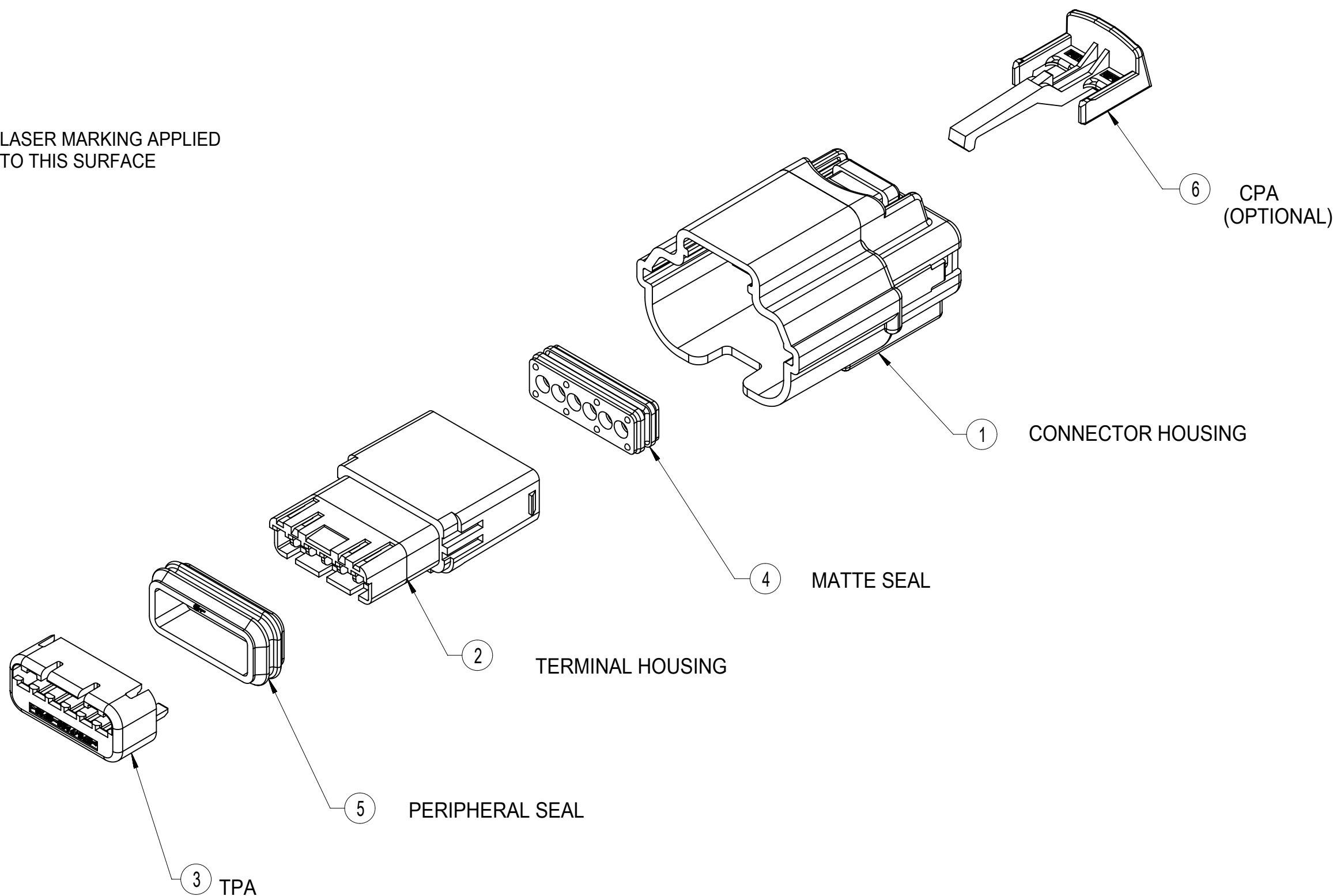
DATE CODE
SEE NOTE 2g



MOLEX P/N

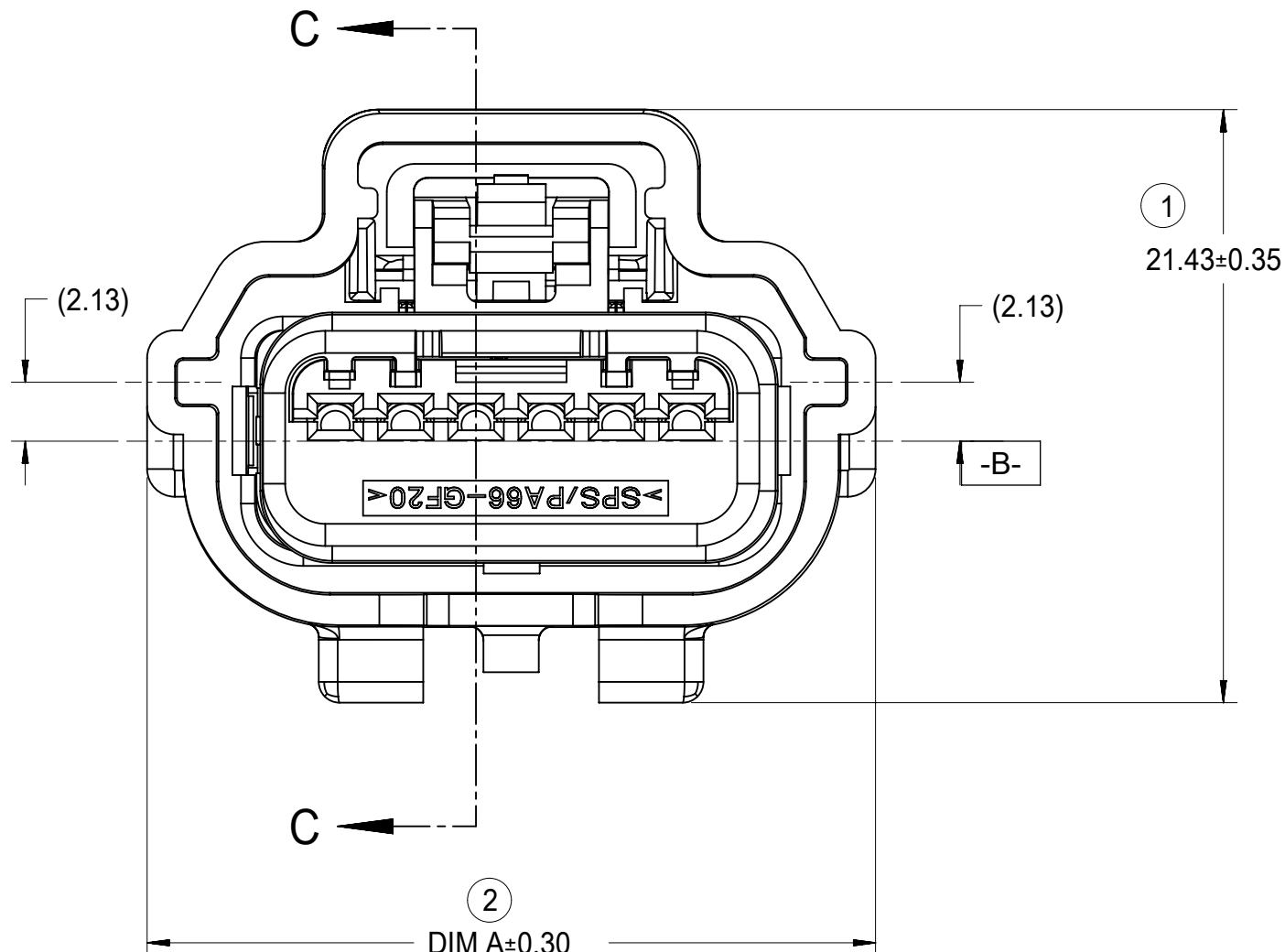
LASER MARKING APPLIED
TO THIS SURFACE

BOTTOM VIEW

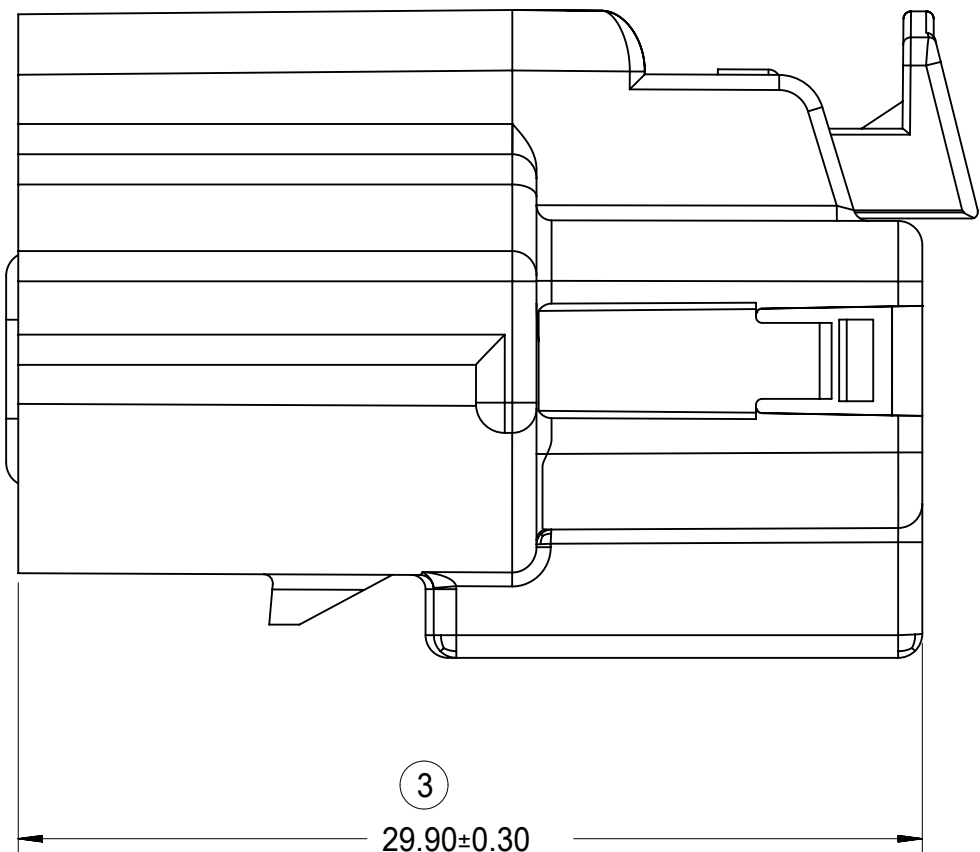


(MIN. PASS-THRU
DIA. SEE CHART
ON SHEET 7)

BACK VIEW



FRONT VIEW
POLARIZATION A

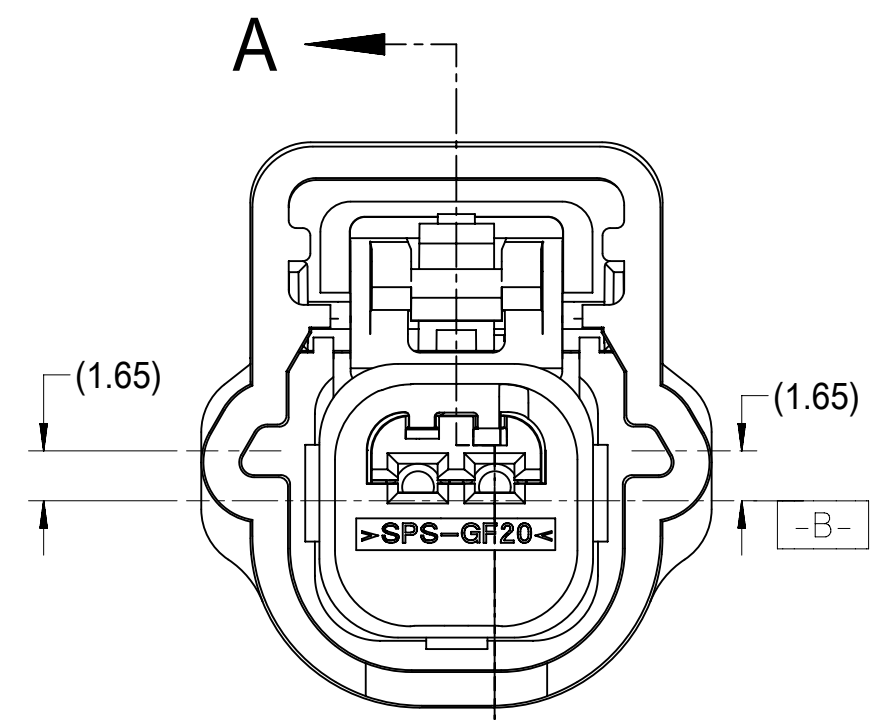


RIGHT SIDE VIEW

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

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
A = 0 C = 0 P = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY					
	mm		1:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
DIVISIONAL SYMBOLS	ANGULAR TOL ± 3.0°		EC NO: 679773			PRODUCT CUSTOMER DRAWING							
	4 PLACES ±		DRWN: MCHEN37 2021/09/23										
	3 PLACES ±		CHK'D: LSONG05 2021/10/08										
	2 PLACES ± 0.13		APPR: CDZHANG 2021/11/11			DOCUMENT NUMBER SD-31402-211				DOC TYPE PSD	DOC PART 001	REVISION U7	
	1 PLACE ± 0.3		INITIAL REVISION:										
	0 PLACES ±		DRWN: RCARLSON 2004/03/01										
			APPR: PBERG 2004/09/30										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				D-SIZE		31402				GENERAL MARKET		3 OF 8	

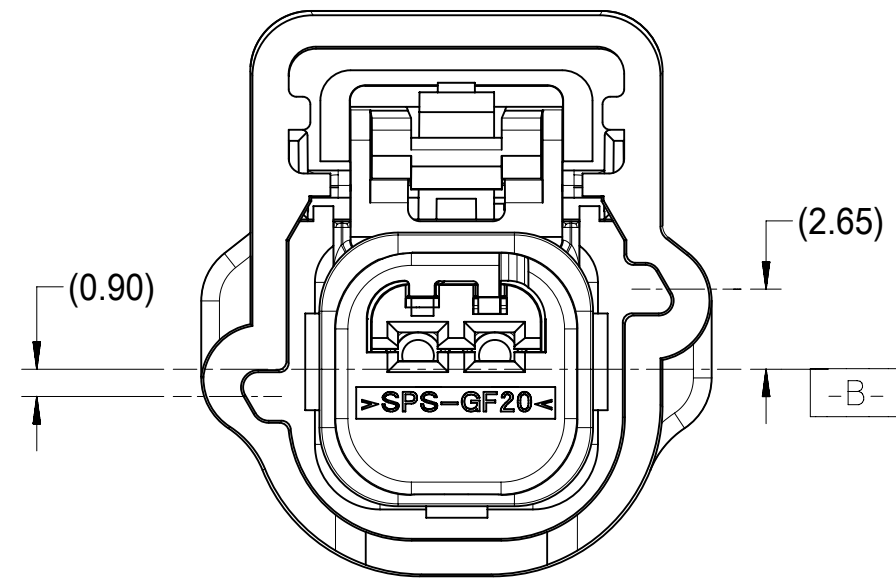
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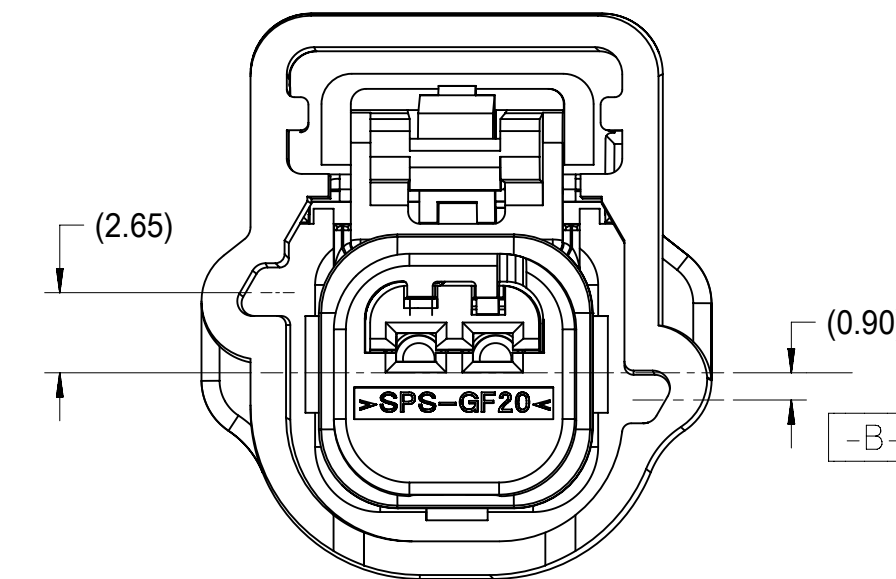
A 

FRONT VIEW

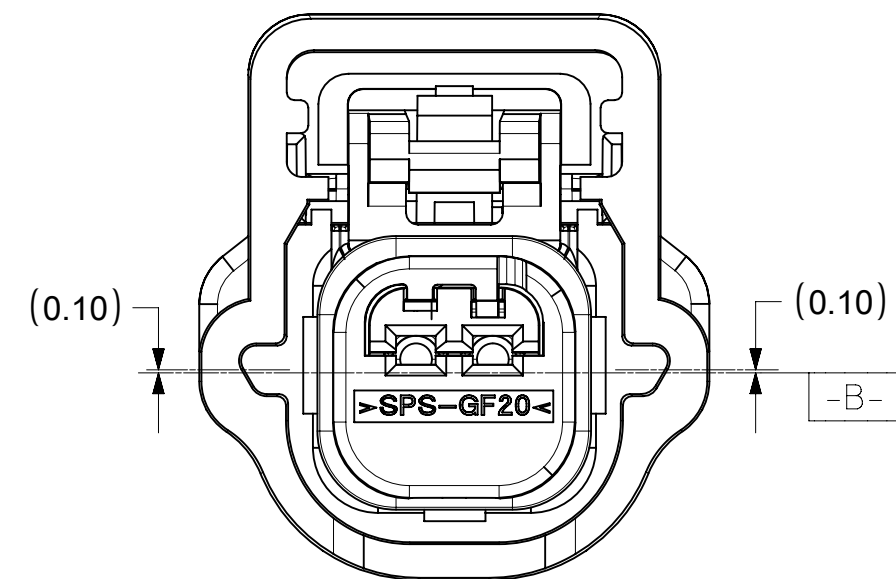
POLARIZATION A



POLARIZATION B

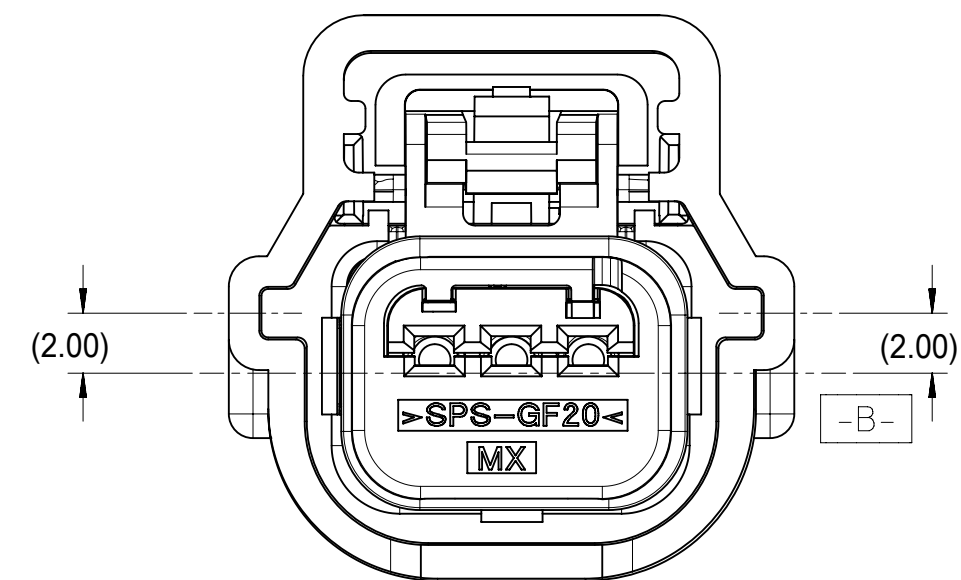


POLARIZATION C

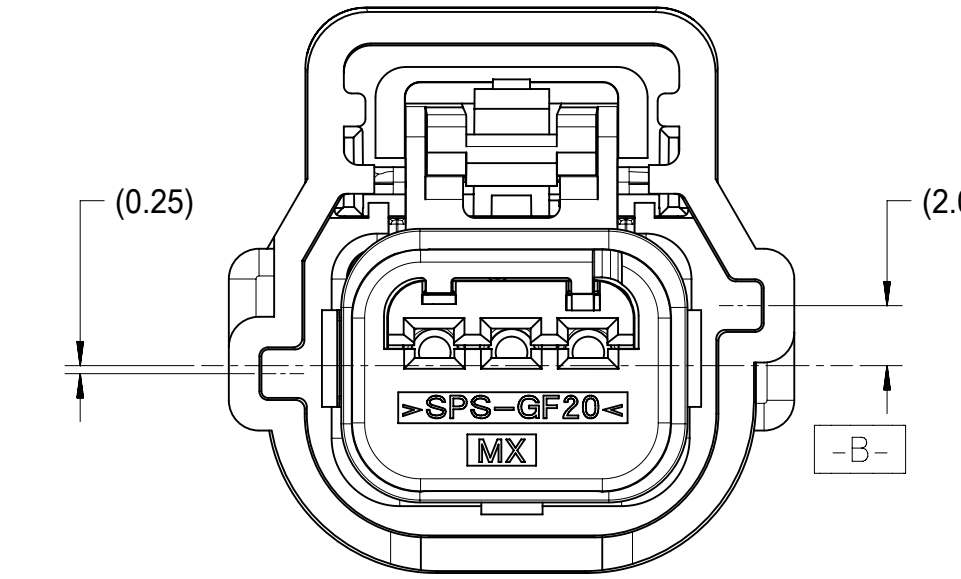


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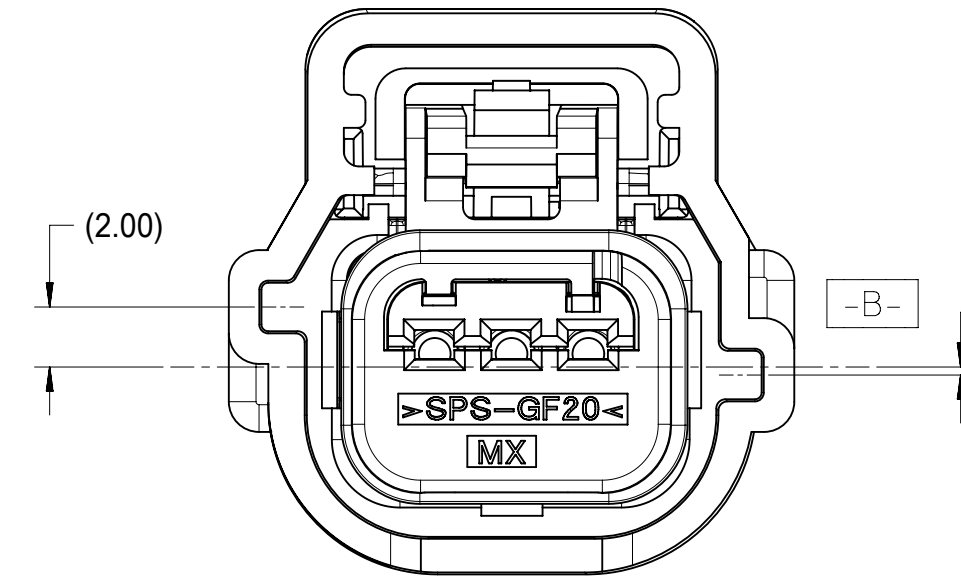
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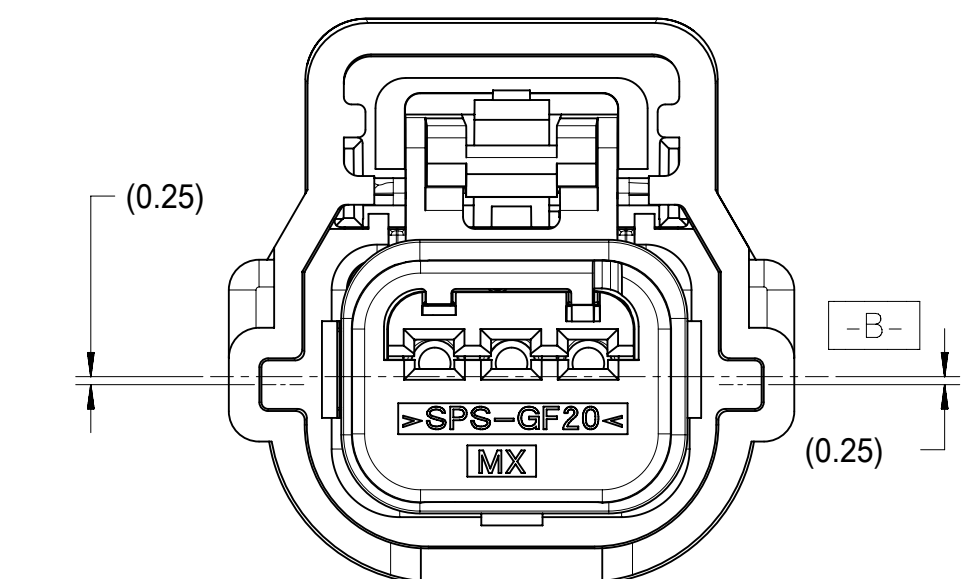
POLARIZATION A



POLARIZATION B

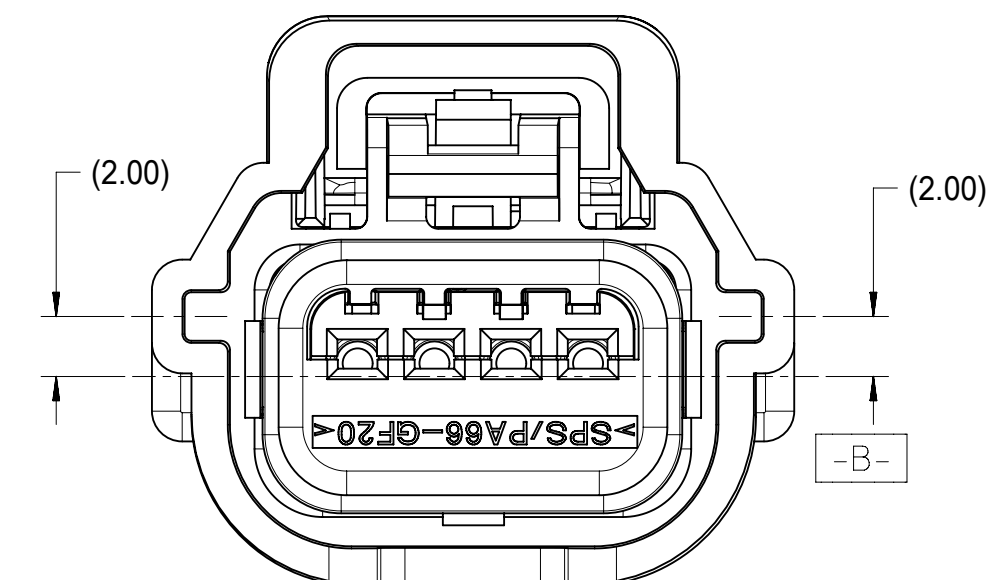


POLARIZATION C



POLARIZATION D

1X4

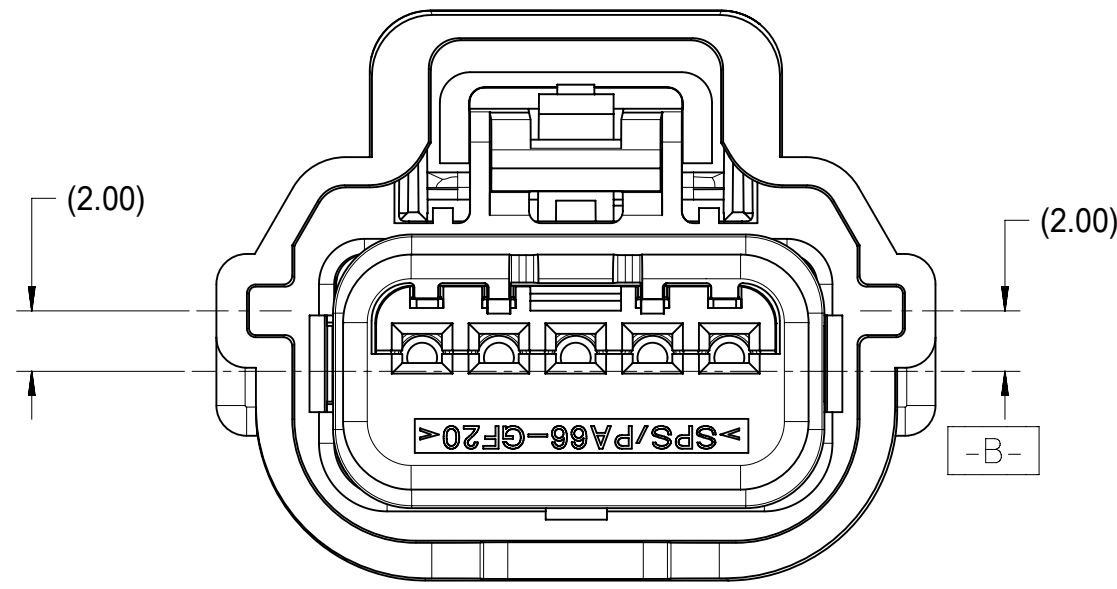


POLARIZATION A

KEY CONFIGURATIONS

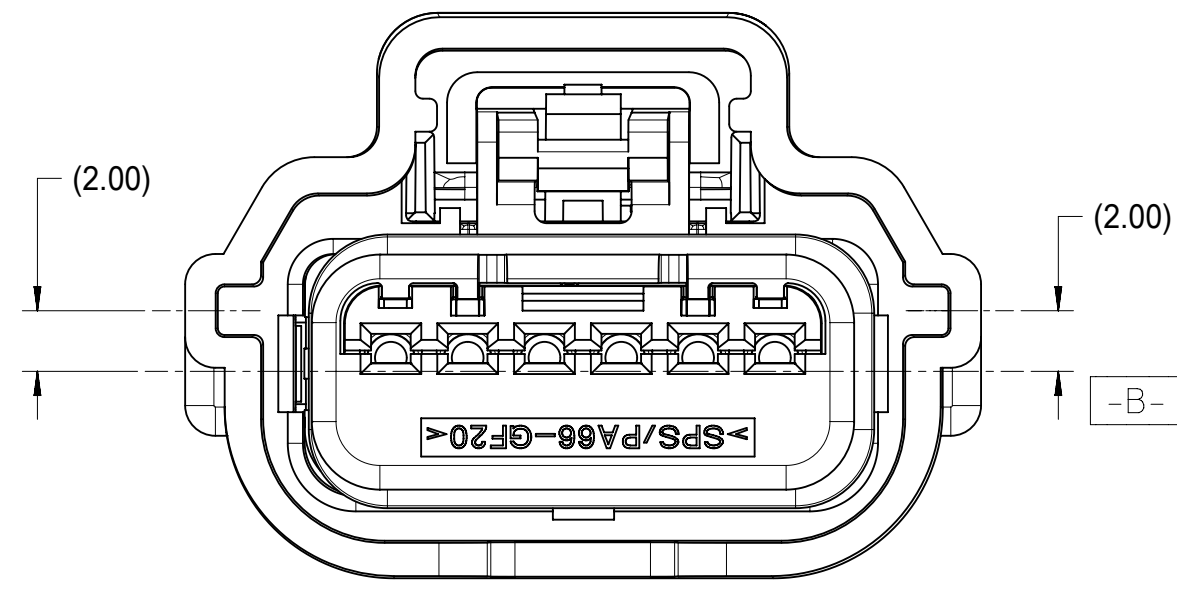
FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
F_A = 0 F_C = 0 F_D = 0 DIVISIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex			
		mm		1:1									
		GENERAL TOLERANCES (UNLESS SPECIFIED)				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				0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY			
		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	
				D-SIZE		31402				GENERAL MARKET		4 OF 8	

1X5

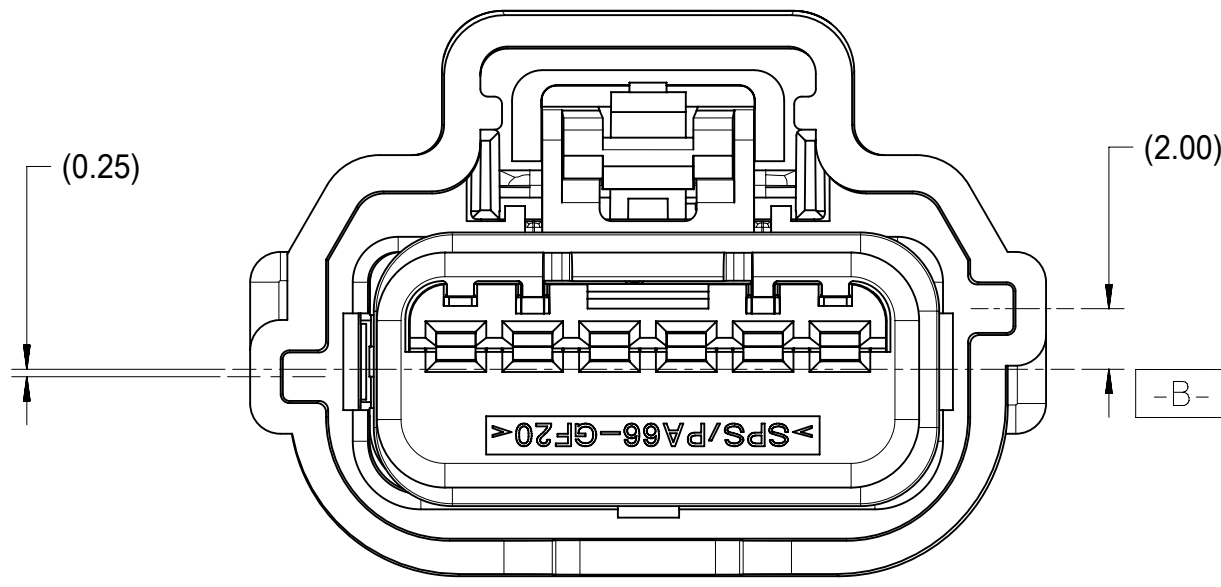


POLARIZATION A

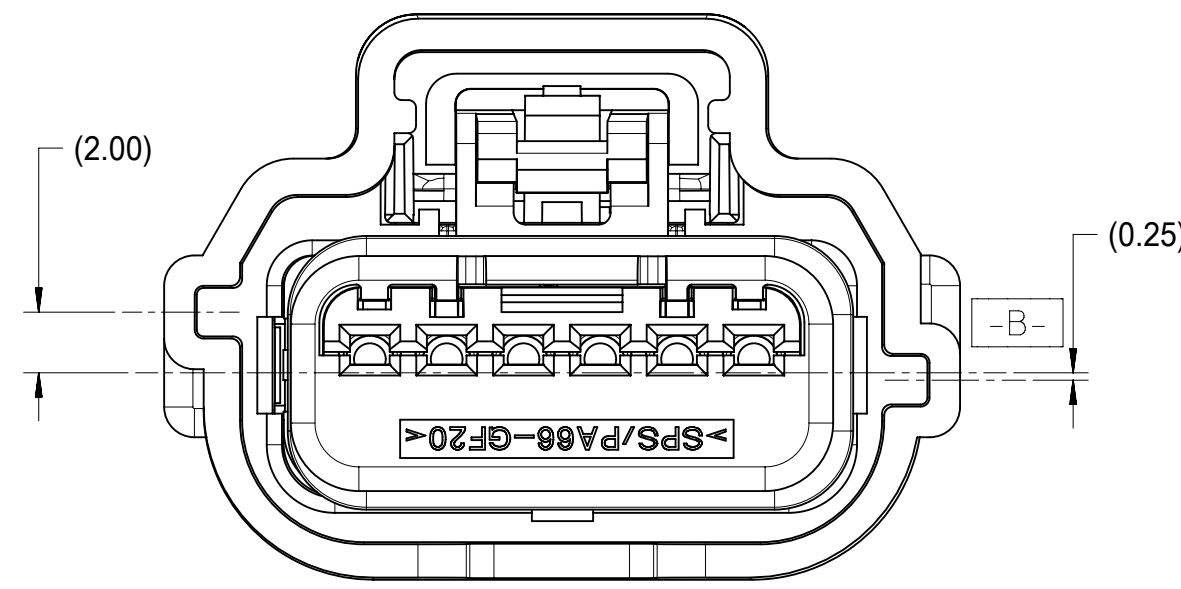
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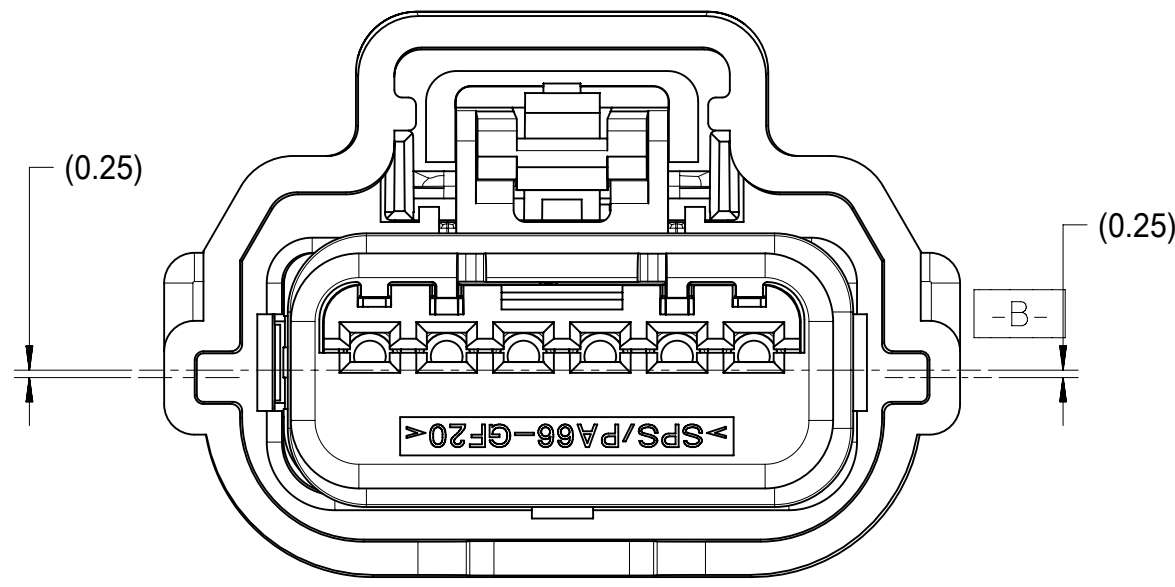
POLARIZATION A



POLARIZATION B

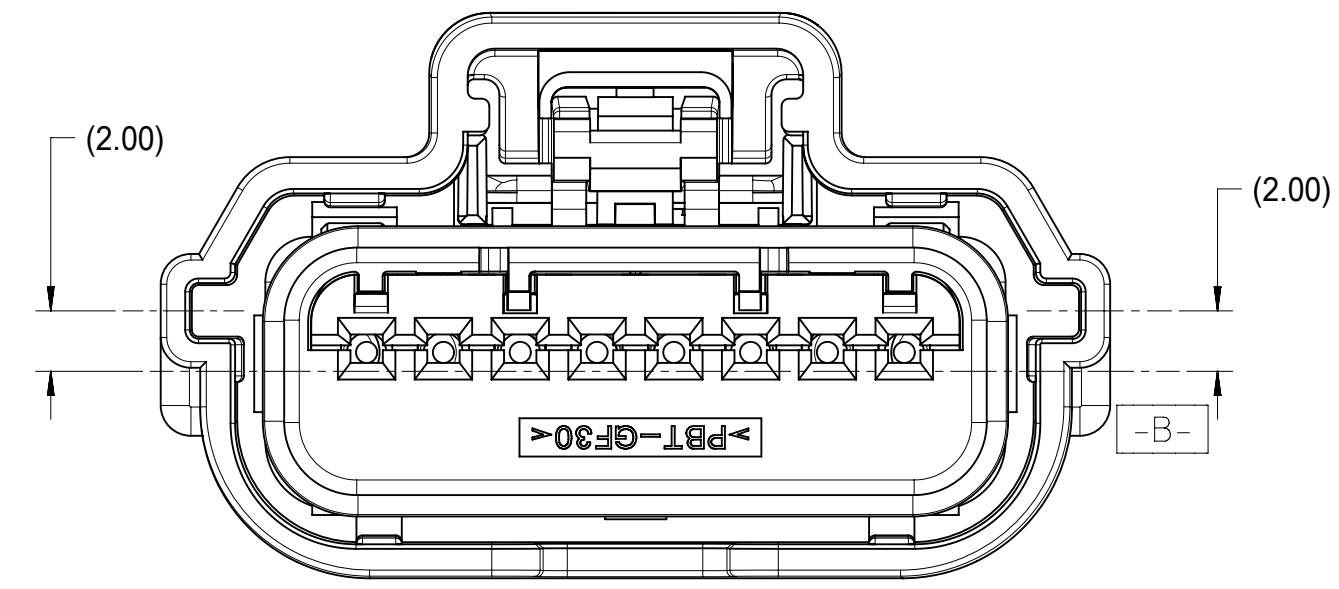


POLARIZATION C

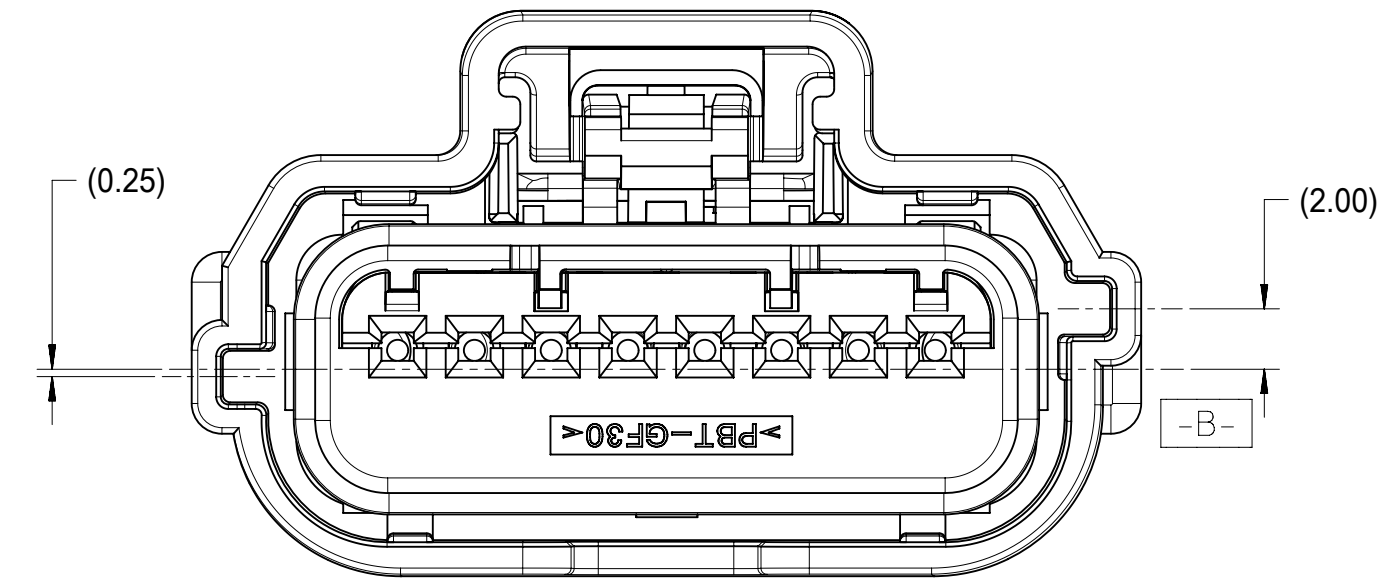


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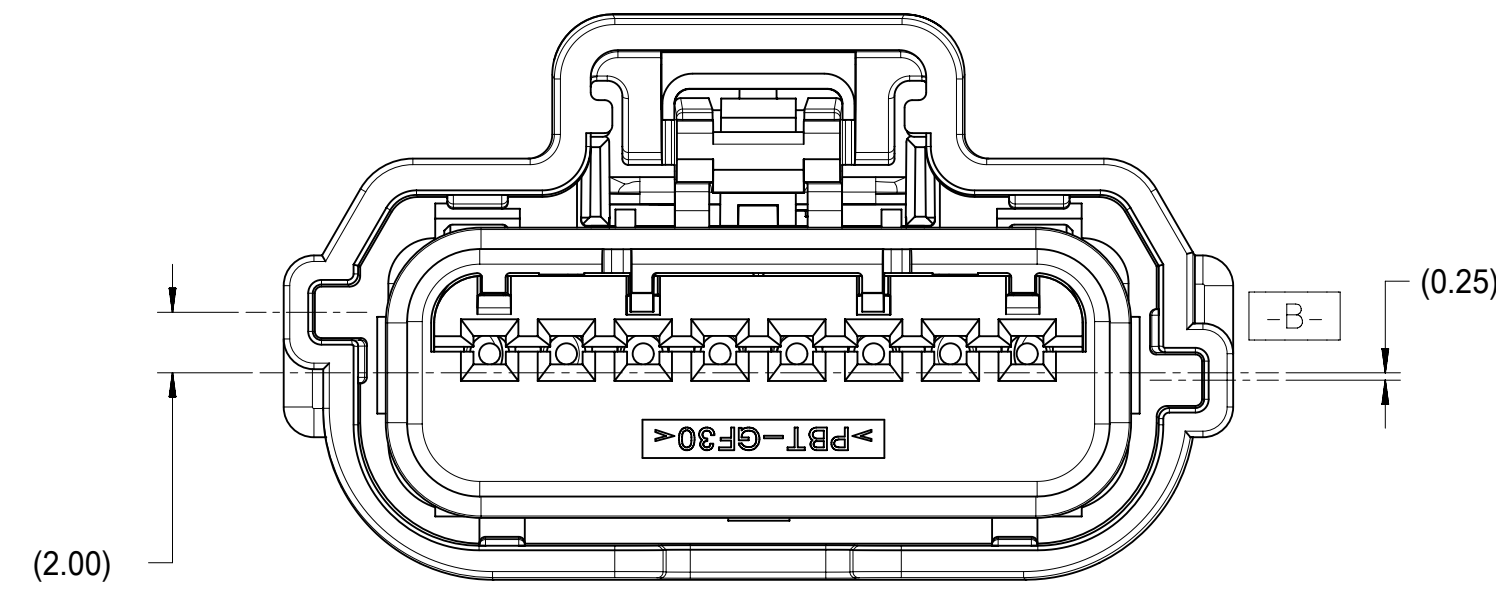
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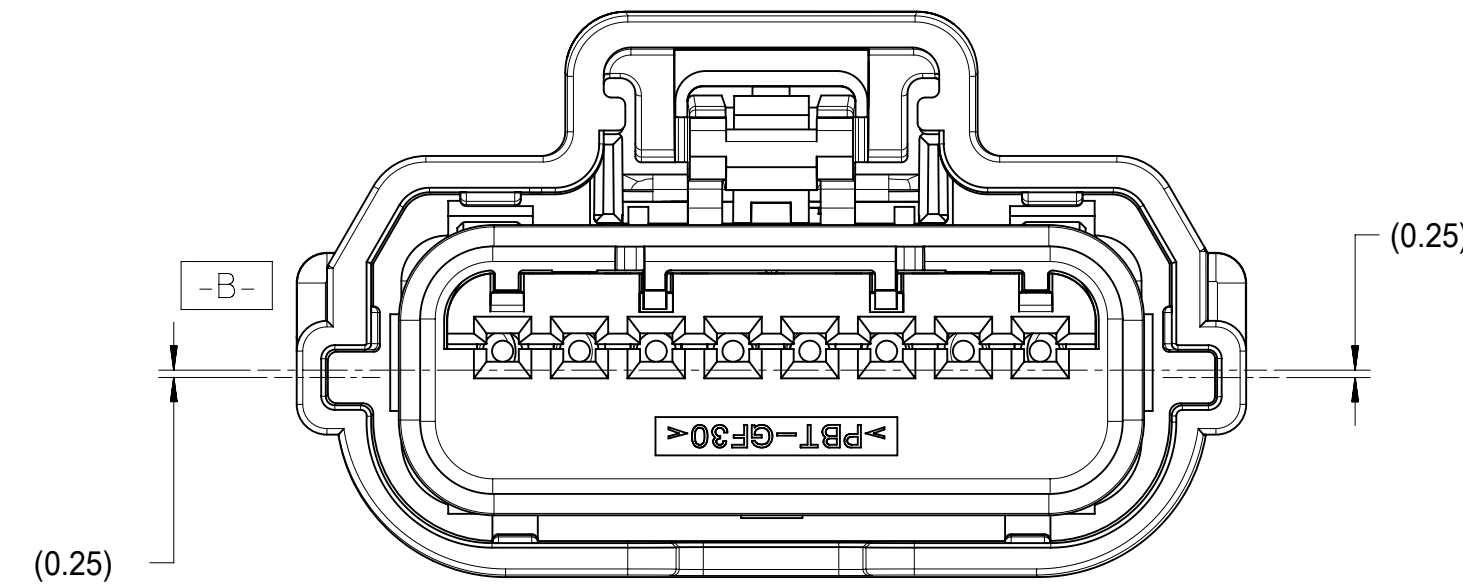
POLARIZATION A



POLARIZATION B



POLARIZATION C



POLARIZATION D

KEY CONFIGURATIONS

FUNCTIONAL SYMBOLS

[illegible]

