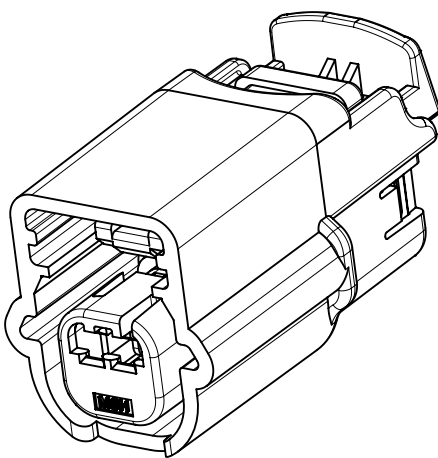
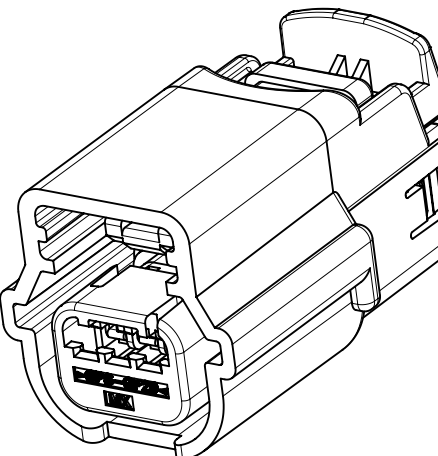
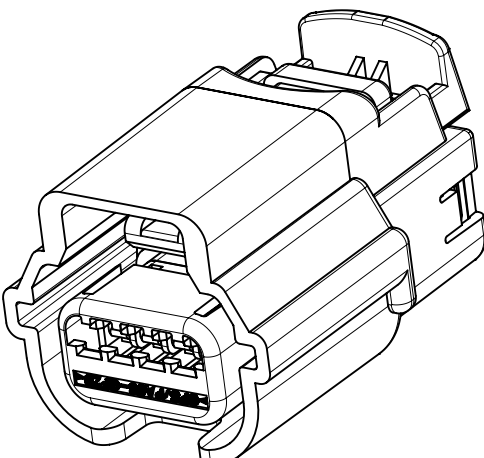




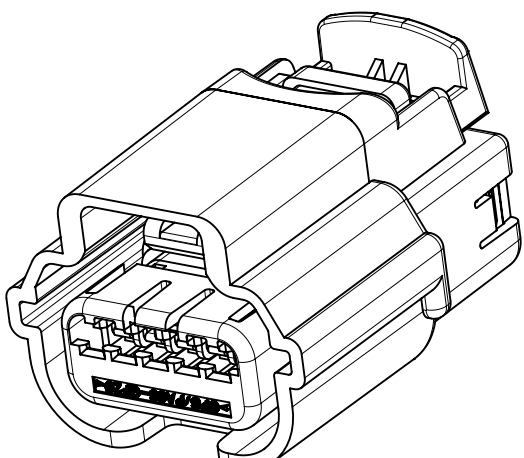
1X2



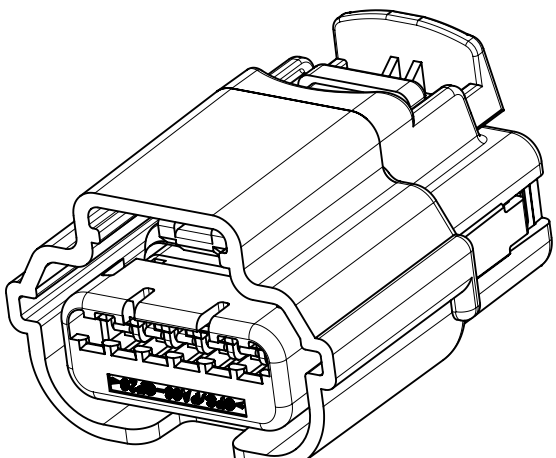
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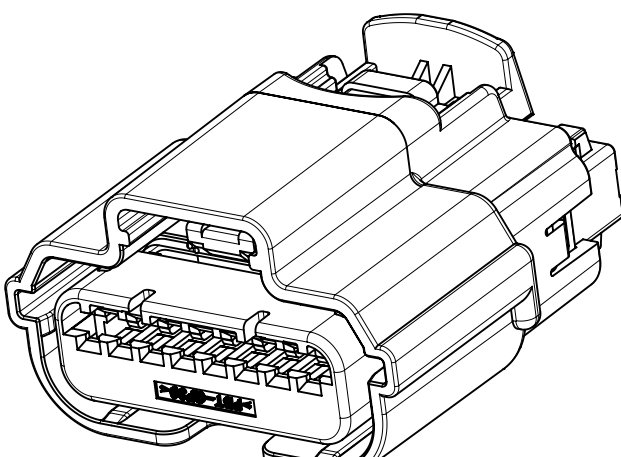
1X4



1X5



1X6



1X8

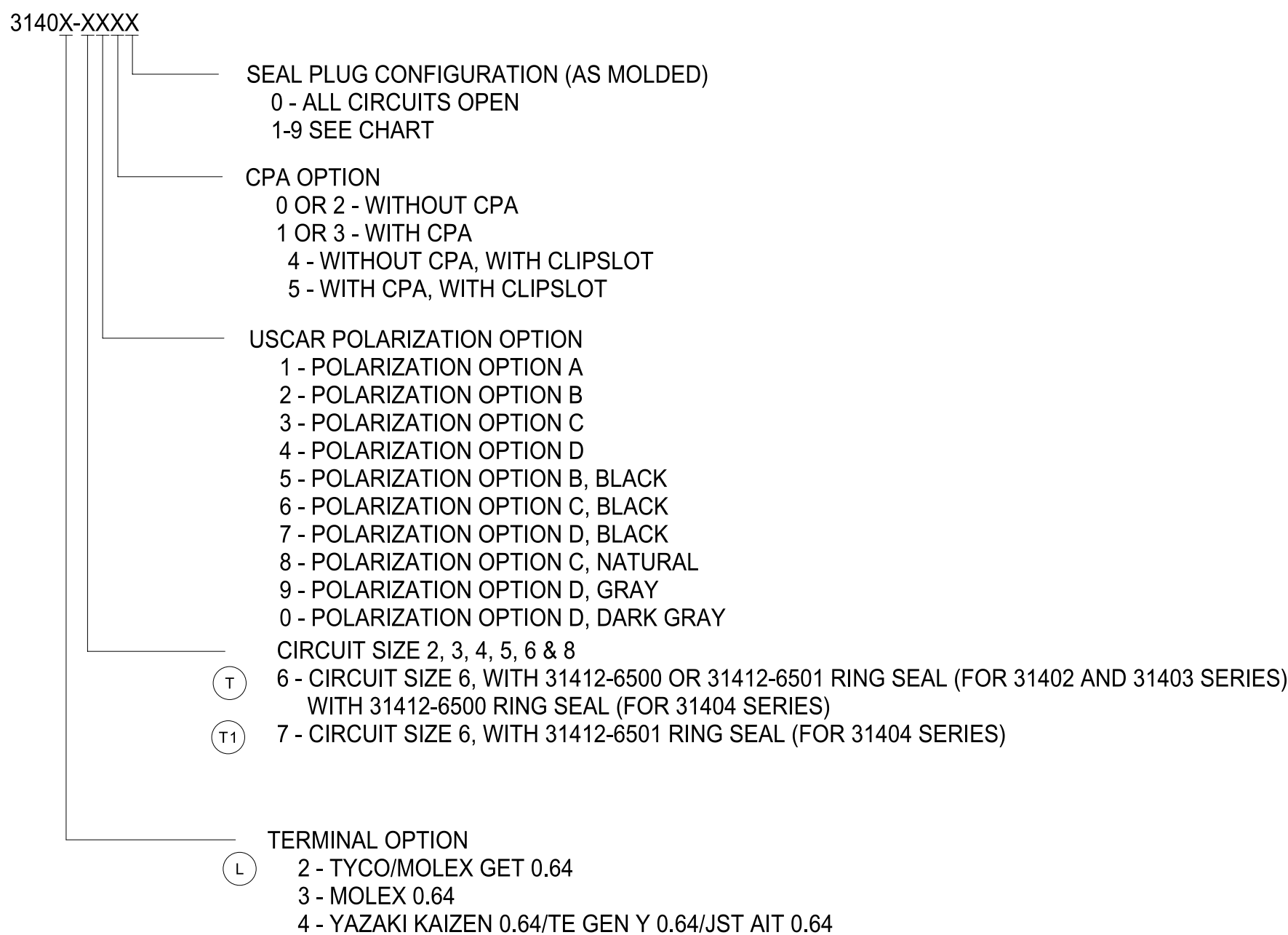
TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONNECTOR ASSEMBLY WITHOUT CLIPSLOT
3	CONNECTOR ASSEMBLY WITH CLIPSLOT
4-5	KEY CONFIGURATIONS
6-9	BOM

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



U8	ADD P/N: 31403-3102 & 31403-3112
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
T3	UPDATE BOM INFORMATION ON SHEET 9
T2	DELETE 31402/31403-7*** P/N
T	ADD P/N 3140*-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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
<div>FUNCTIONAL SYMBOLS</div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> <div><div></div><div>= 0</div></div> <div>DIVISIONAL SYMBOLS</div>		DIMENSION UNITS		SCALE		CURRENT REV DESC: MX64 - 1x3 CVP PN's added				<div>molex</div> <div>0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY</div>							
		MM		1:1													
		GENERAL TOLERANCES (UNLESS SPECIFIED)				ANGULAR TOL ± 3°								EC NO: CO-000021437			
		4 PLACES		± 0		DRWN: Mario Gazca 07-Oct-2024											
3 PLACES		± 0		CHK'D: MAURICIO RUIZ 27-Feb-2025				PRODUCT CUSTOMER DRAWING									
2 PLACES		± 0.13		APPR: Brittney Cotter 12-Mar-2025													
1 PLACE		± 0.3		INITIAL REVISION:				DOCUMENT NUMBER SD-31402-211									
0 PLACES		± 0		DRWN: RFC_PLMIMP 01-Mar-2004													
				APPR: PBERG 30-Sep-2004				DOC TYPE PSD		DOC PART 001		REVISION U8					
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			

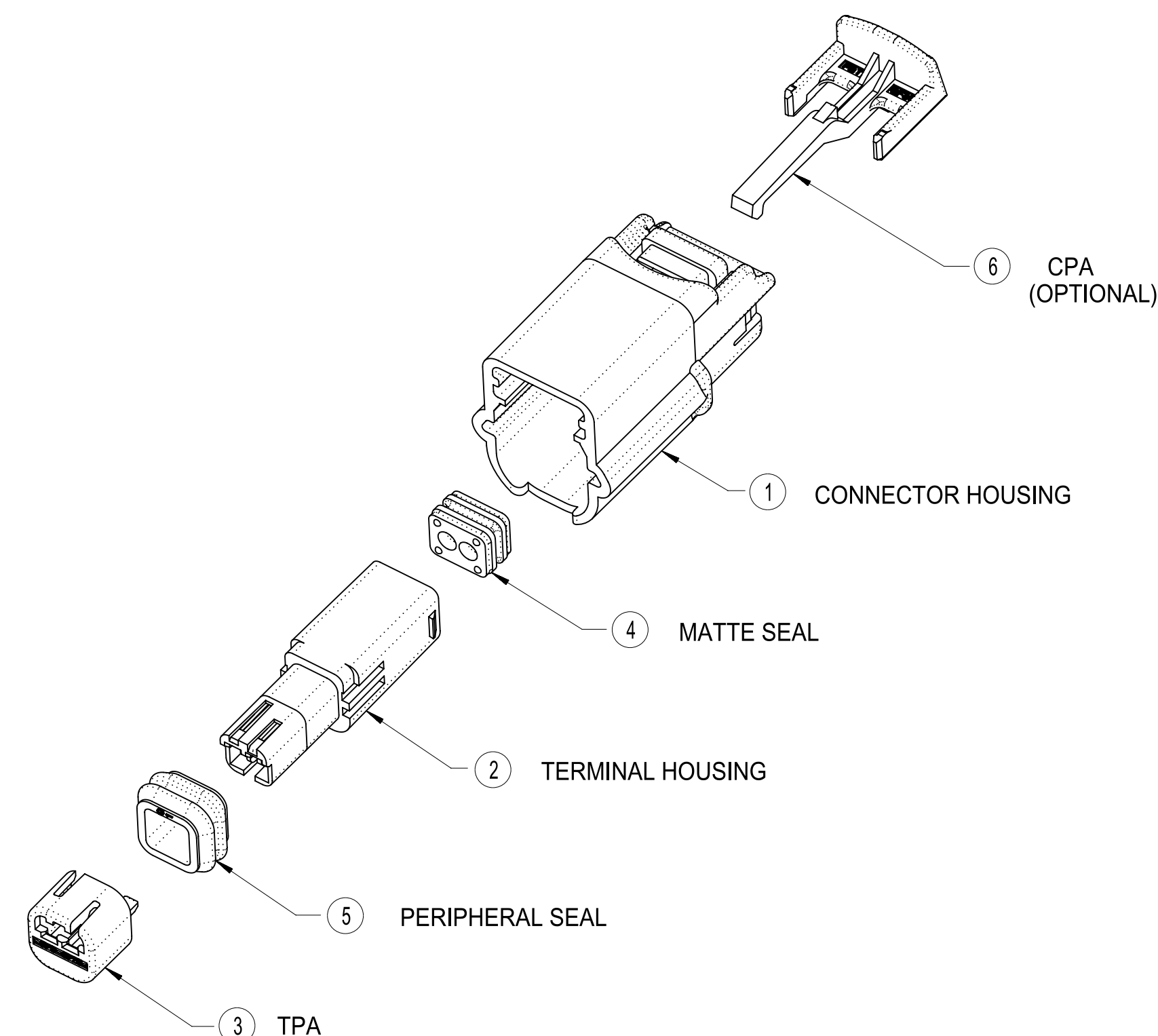
DOCUMENT STATUS	Production	RELEASE DATE	12-Mar-2025	02:34:41
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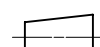
RIGHT SIDE VIEW



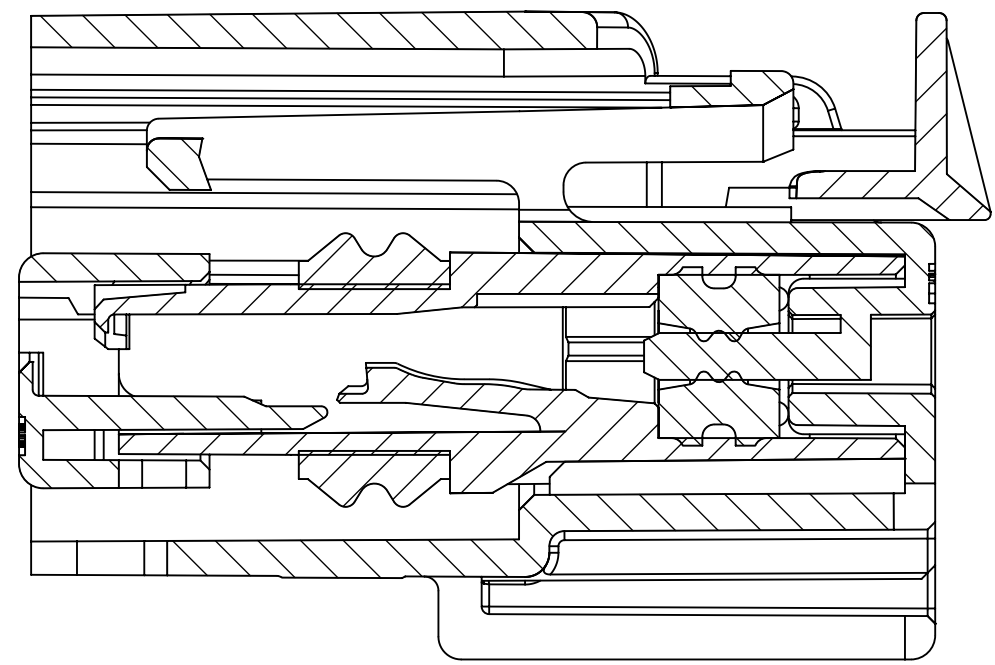
BACK VIEW



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

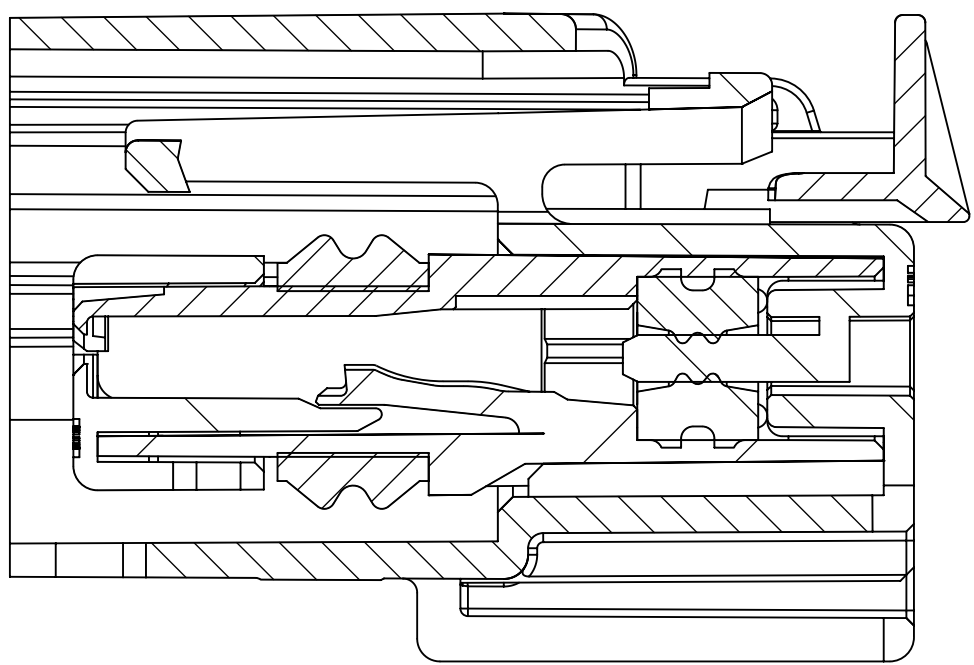
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DIMENSION UNITS		SCALE		CURRENT REV DESC: MX64 - 1x3 CVP PNs added			<div><div>molex</div><div>0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY</div></div>				
	MM		1:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: CO-000021437 DRWN: Mario Gazca 07-Oct-2024 CHK'D: MAURICIO RUIZ 27-Feb-2025 APPR: Brittney Cotter 12-Mar-2025			PRODUCT CUSTOMER DRAWING						
	ANGULAR TOL ± 3°											
	4 PLACES	± 0										
	3 PLACES	± 0										
	2 PLACES	± 0.13										
	DIVISIONAL SYMBOLS	1 PLACE	± 0.3	INITIAL REVISION: DRWN: RFC_PLMIMP 01-Mar-2004 APPR: PBERG 30-Sep-2004			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
		0 PLACES	± 0				SD-31402-211		PSD	001	U8	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING				SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
		 	D-SIZE				31402	GENERAL MARKET		2 OF 8		

DOCUMENT STATUS	Production	RELEASE DATE	12-Mar-2025	02:34:41
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SECTION C-C

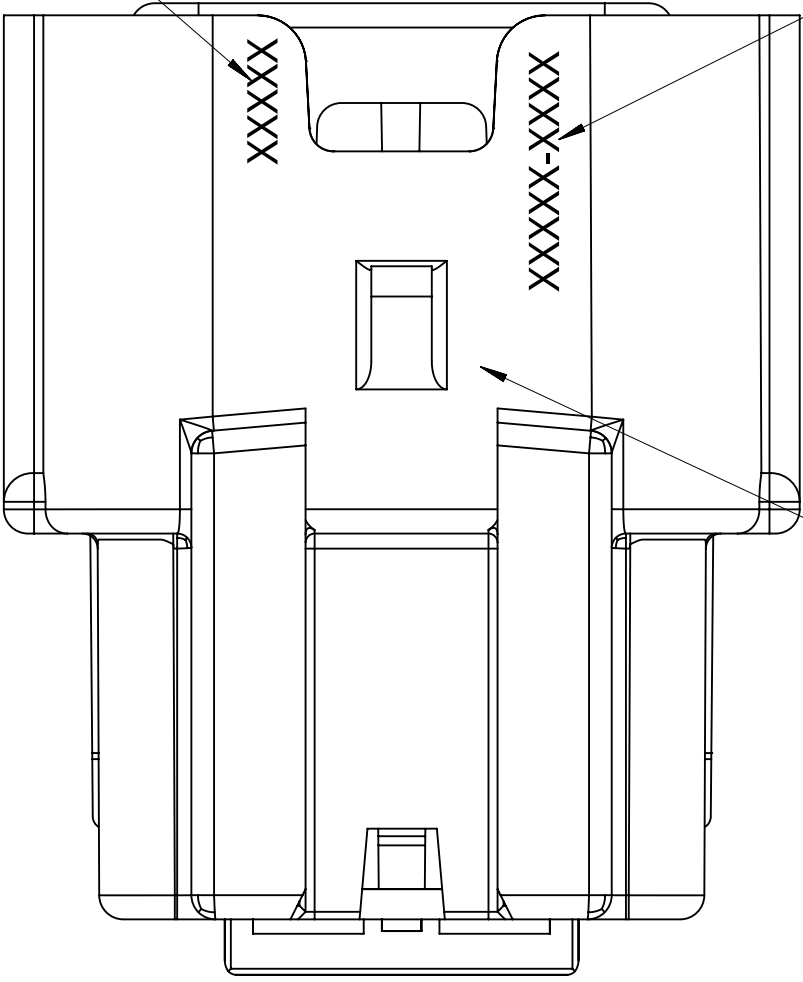
TPA SHOWN IN AS-SHIPPED
PRE-LOCKED POSITION
SEE NOTE 1c



SECTION C-C

TPA SHOWN IN FINAL
LOCKED POSITION

DATE CODE
SEE NOTE 2g

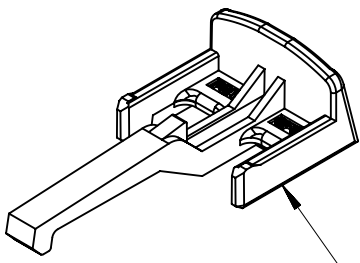


BOTTOM VIEW

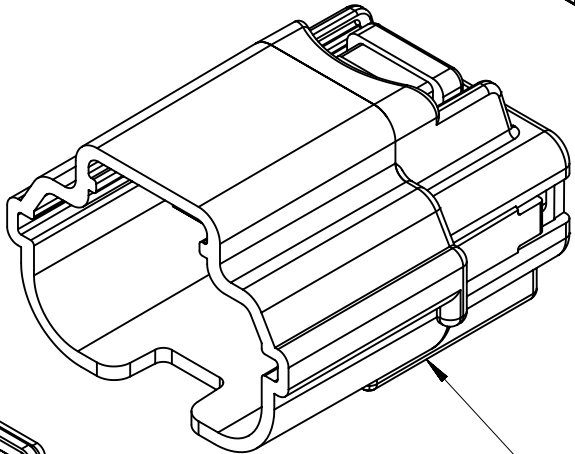
MOLEX P/N

LASER MARKING APPLIED
TO THIS SURFACE

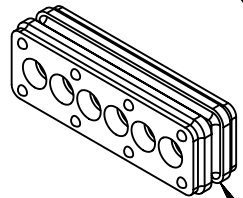
CONNECTOR ASSEMBLY WITH CLIPSLOT



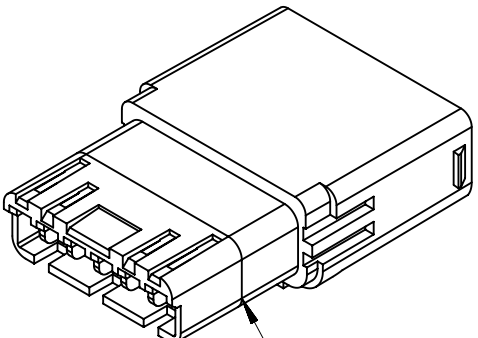
CPA
(OPTIONAL)



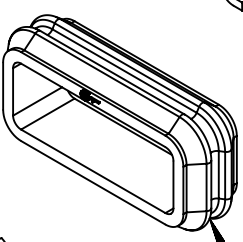
CONNECTOR HOUSING



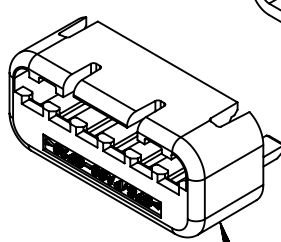
MATTE SEAL



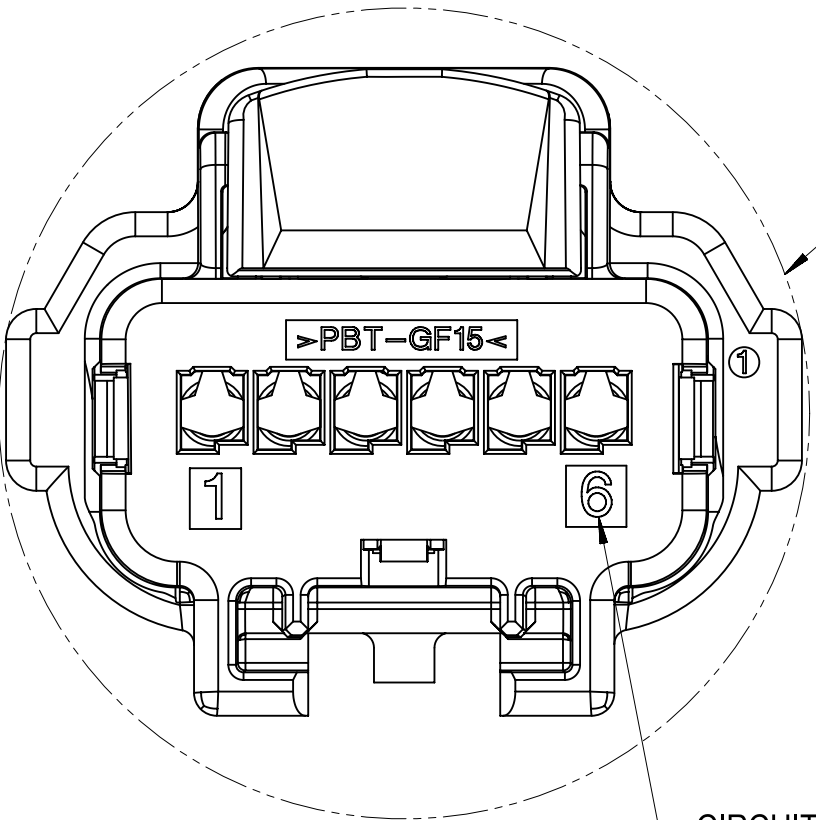
TERMINAL HOUSING



PERIPHERAL SEAL



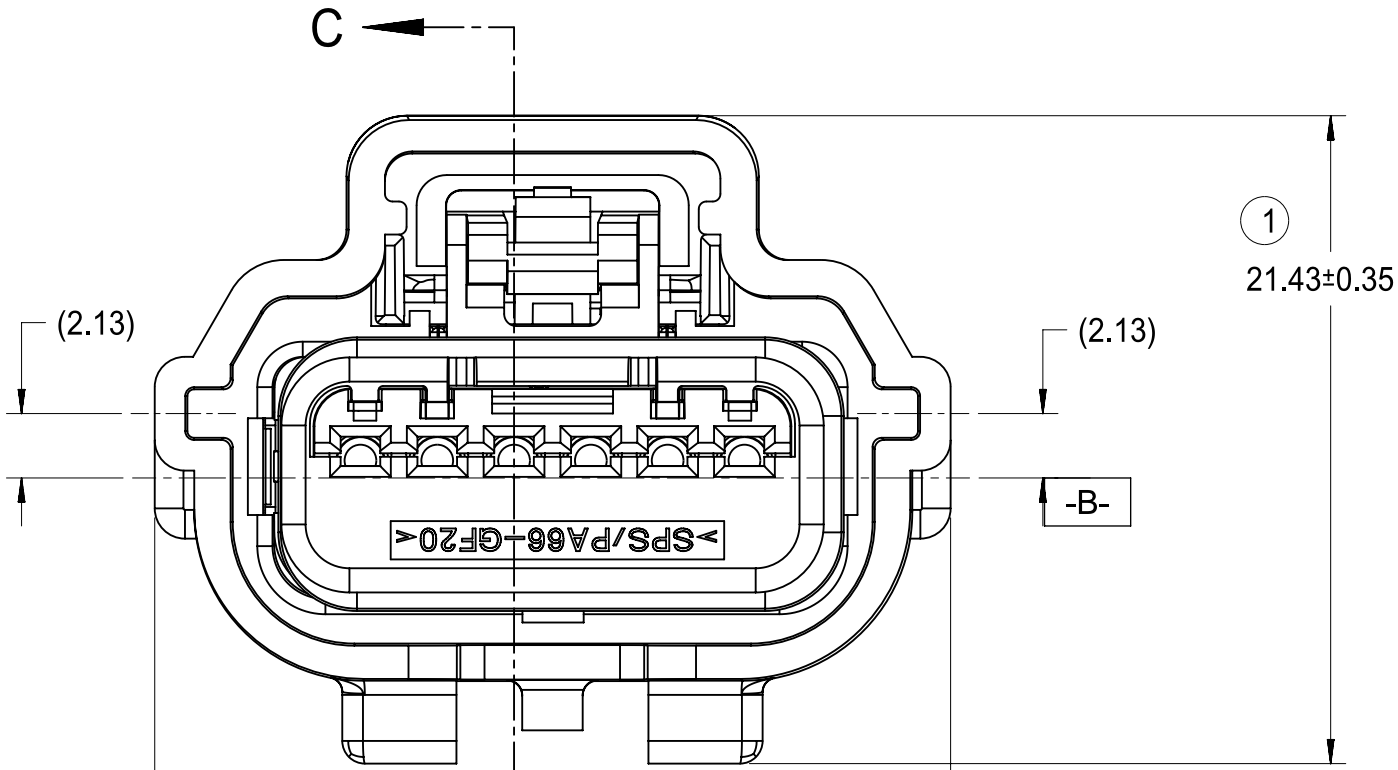
TPA



BACK VIEW

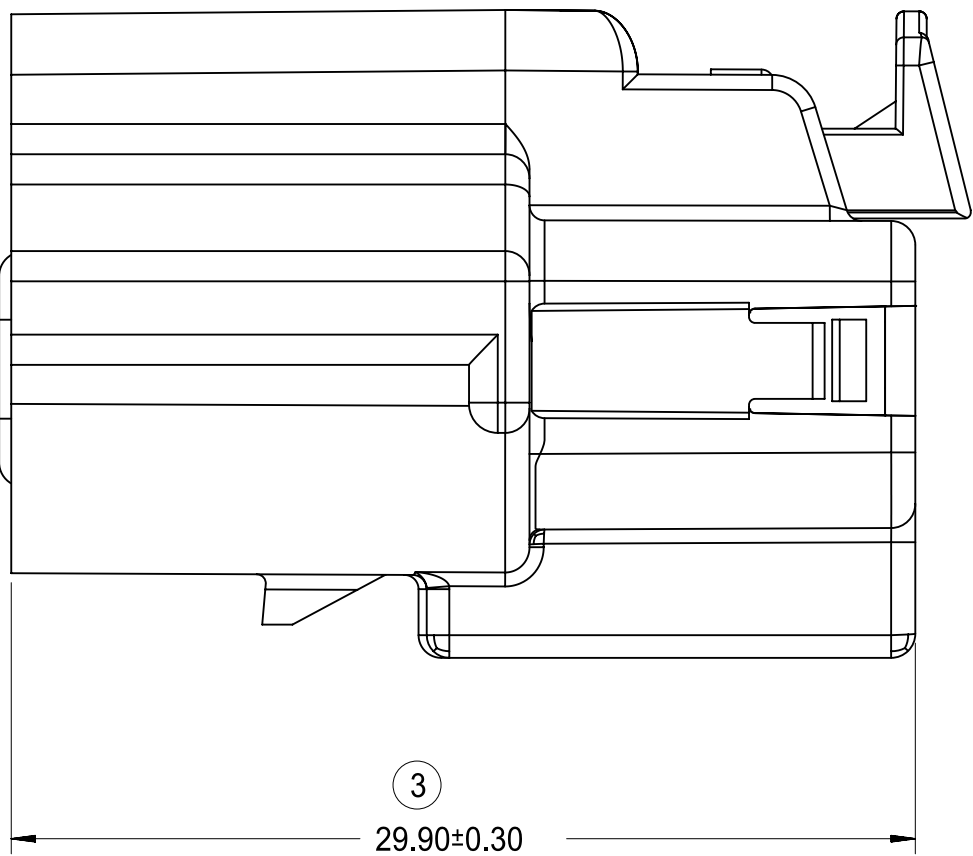
(MIN. PASS-THRU
DIA. SEE CHART
ON SHEET 7)

CIRCUIT ID



FRONT VIEW

POLARIZATION A

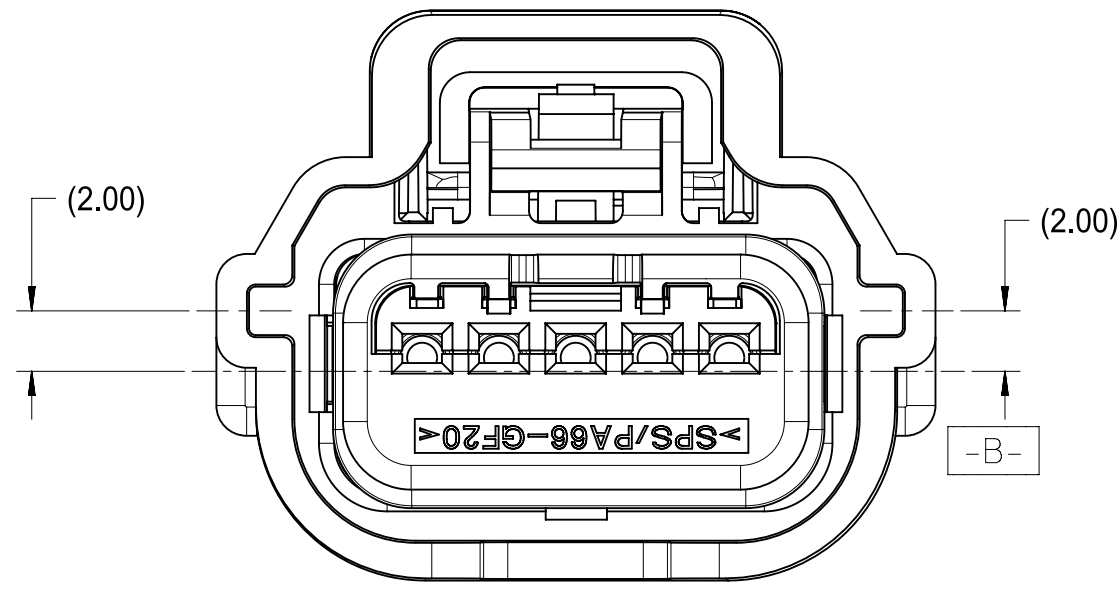


RIGHT SIDE VIEW

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

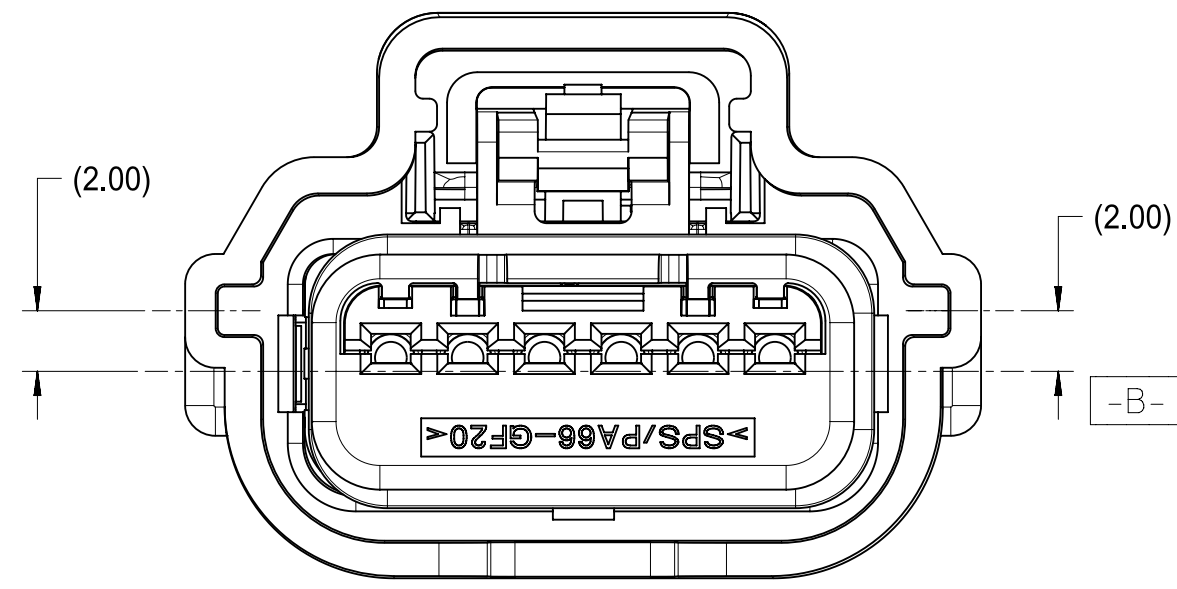
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
<div><div>F</div><div>A</div><div>= 0</div></div>	DIMENSION UNITS		SCALE		CURRENT REV DESC: MX64 - 1x3 CVP PNs added					<div>molex</div>							
	MM		1:1														
<div><div>F</div><div>C</div><div>= 0</div></div>	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: CO-000021437 DRWN: Mario Gazca 07-Oct-2024 CHK'D: MAURICIO RUIZ 27-Feb-2025 APPR: Brittney Cotter 12-Mar-2025												
<div><div>F</div><div>P</div><div>= 0</div></div>	ANGULAR TOL ± 3°																
DIVISIONAL SYMBOLS	4 PLACES		± 0		INITIAL REVISION: DRWN: RFC_PLMIMP 01-Mar-2004 APPR: PBERG 30-Sep-2004												
	3 PLACES		± 0														
	2 PLACES		± 0.13														
	1 PLACE		± 0.3														
	0 PLACES		± 0														
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		U8	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
												GENERAL MARKET				3 OF 8	

1X5

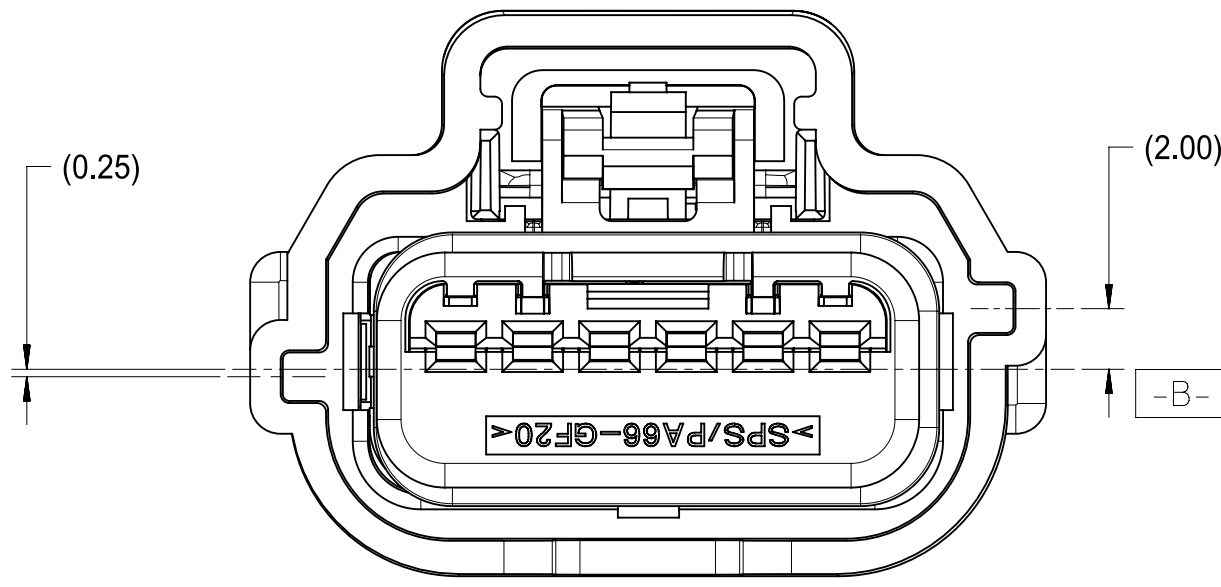


POLARIZATION A

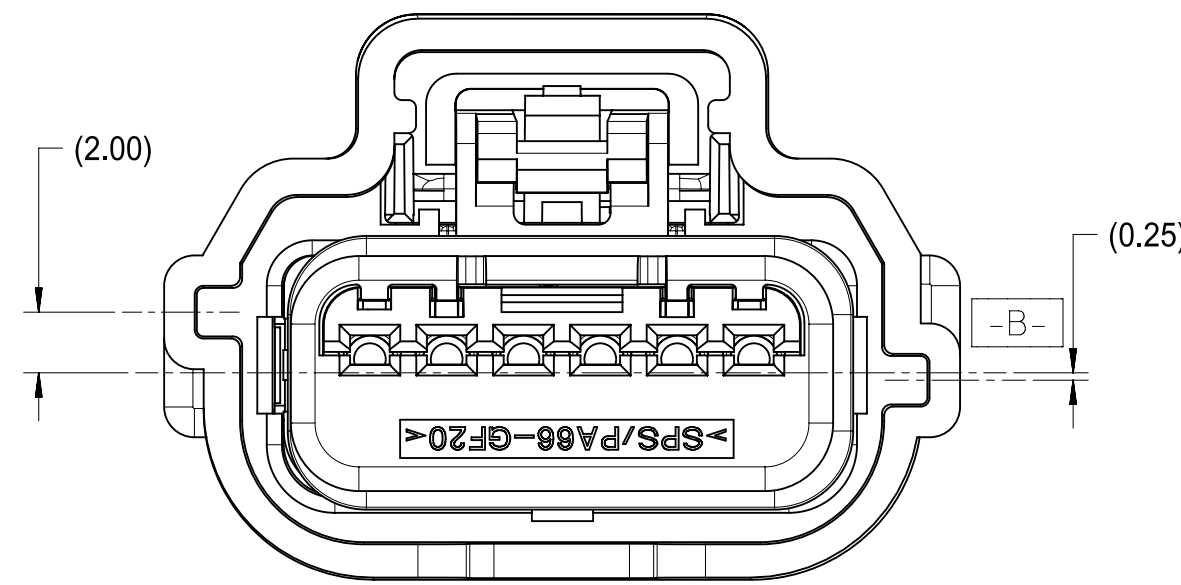
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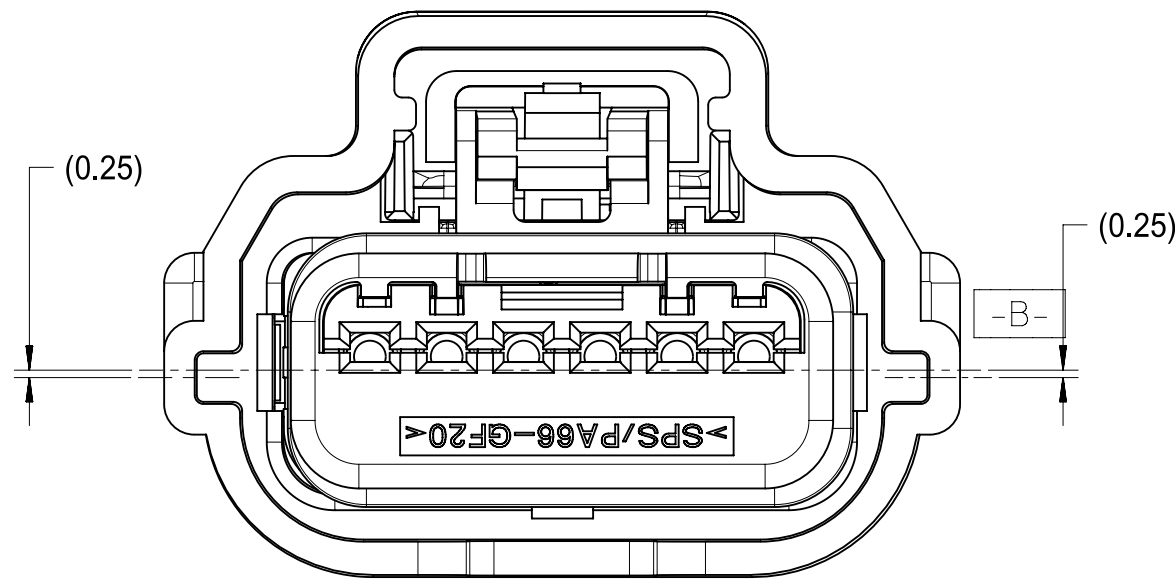
POLARIZATION A



POLARIZATION B

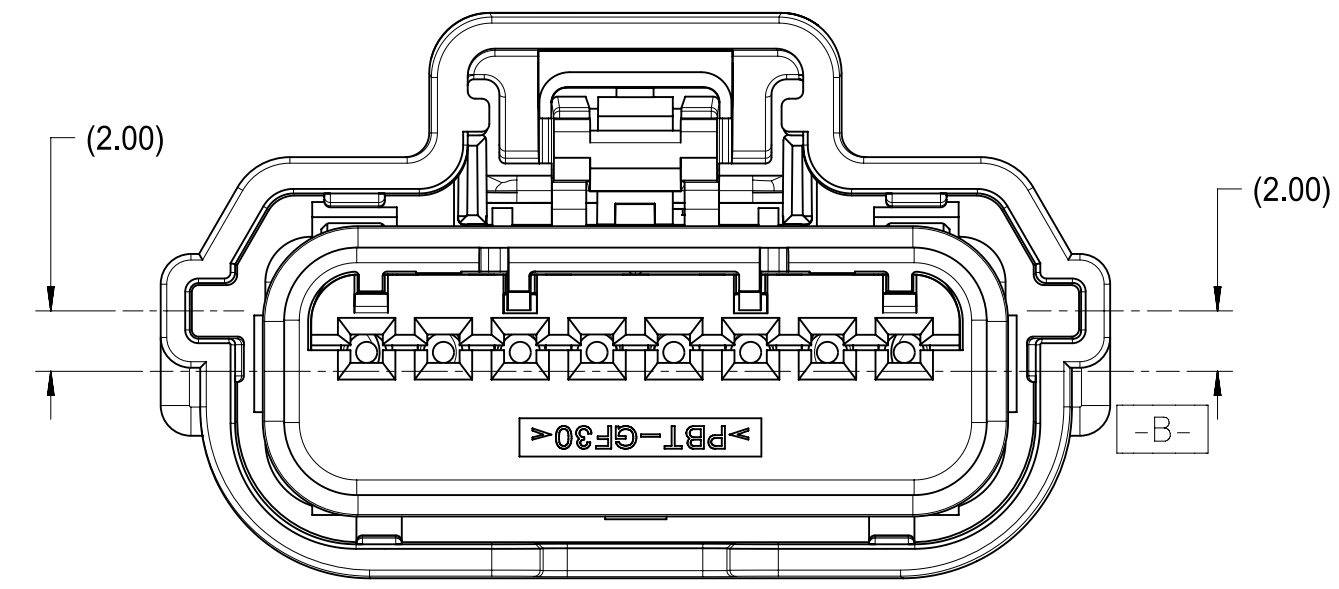


POLARIZATION C

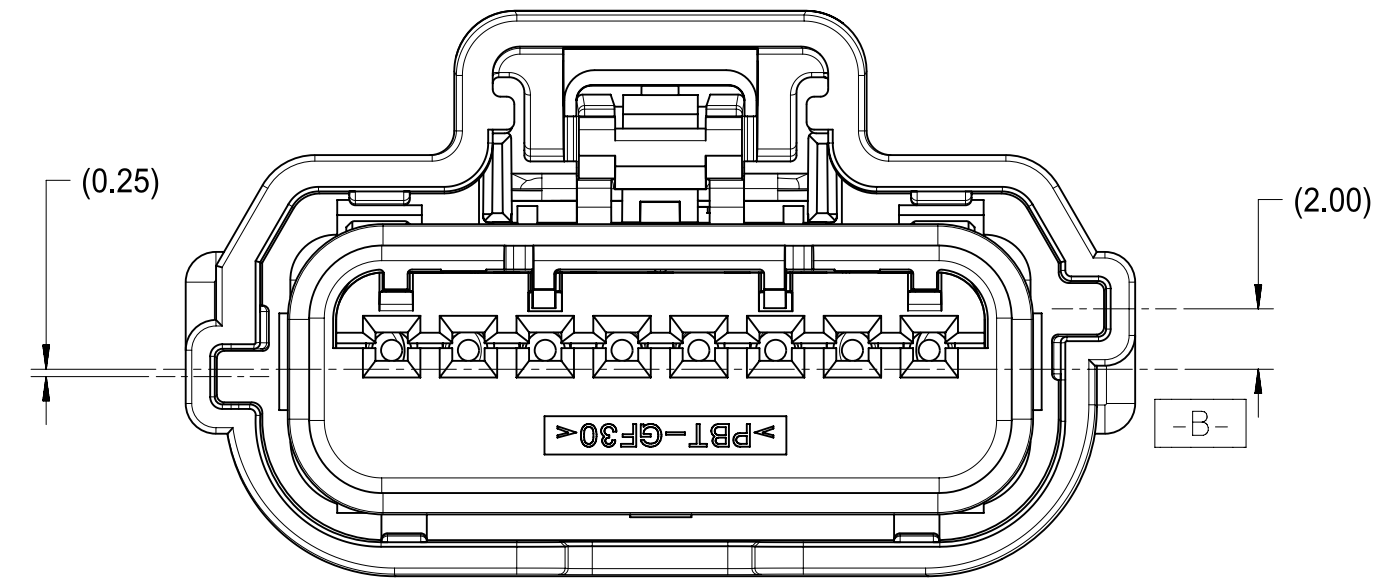


POLARIZATION D

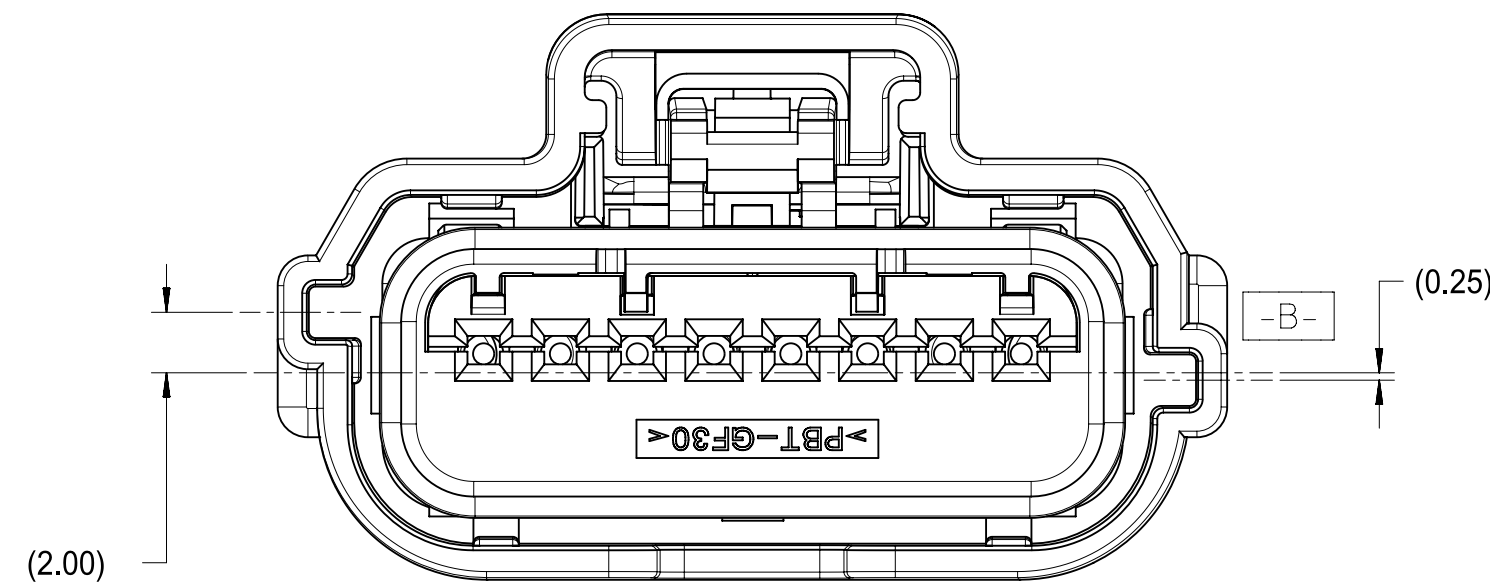
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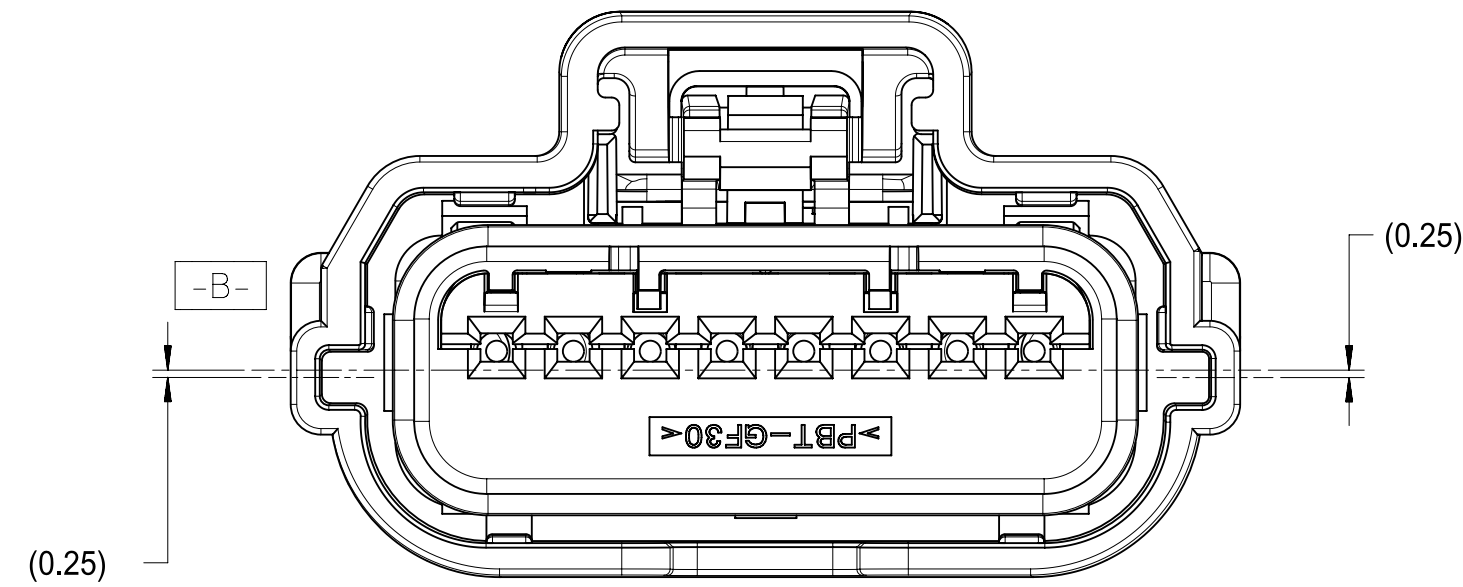
POLARIZATION A



POLARIZATION B



POLARIZATION C



POLARIZATION D

KEY CONFIGURATIONS

FUNCTIONAL SYMBOLS <div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> 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