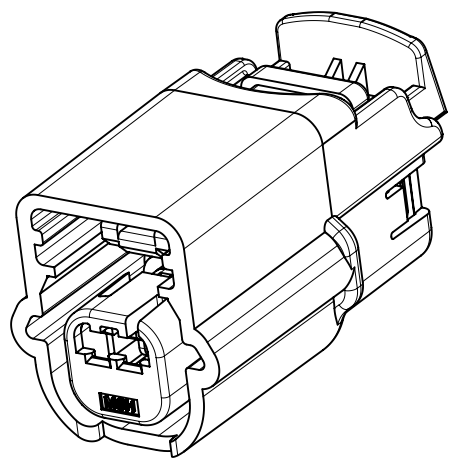
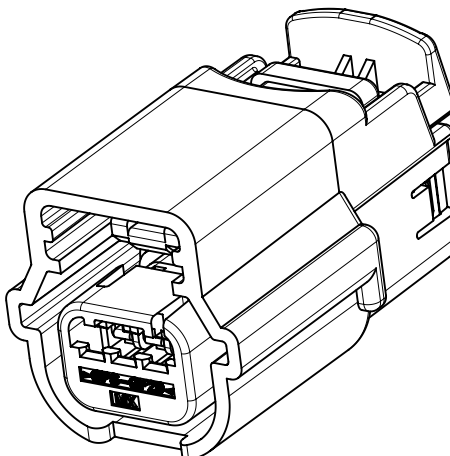
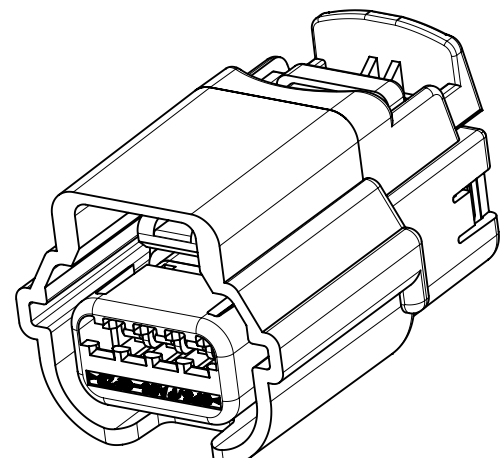




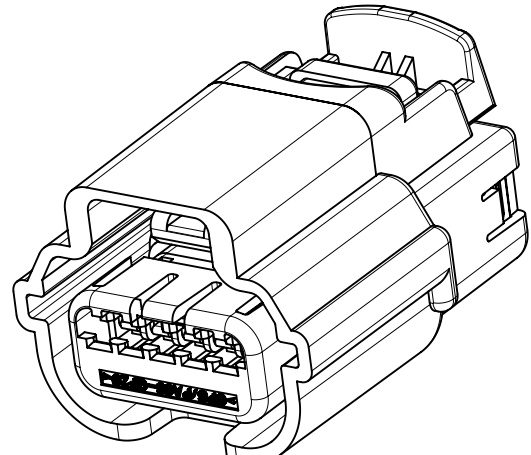
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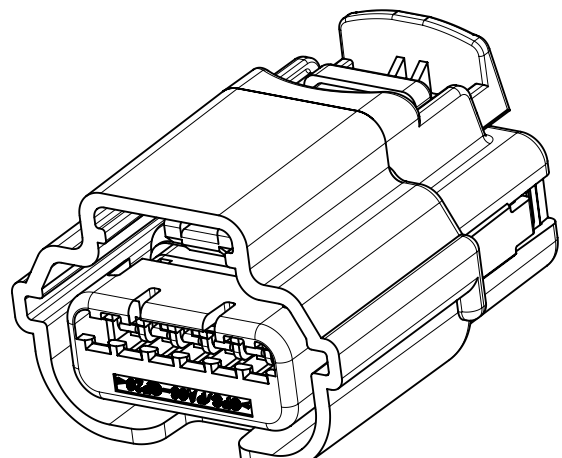
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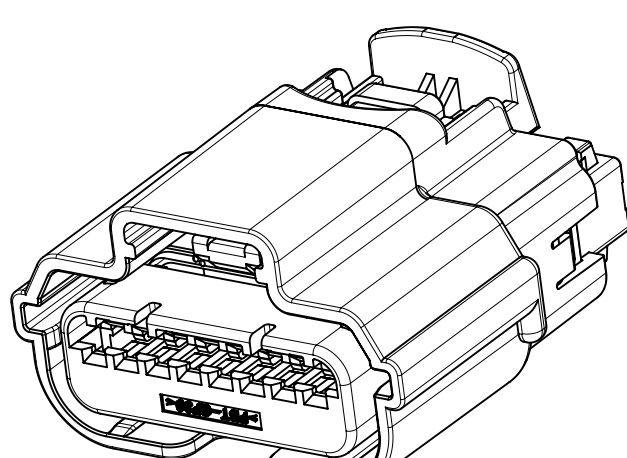
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1X5



1X6



159

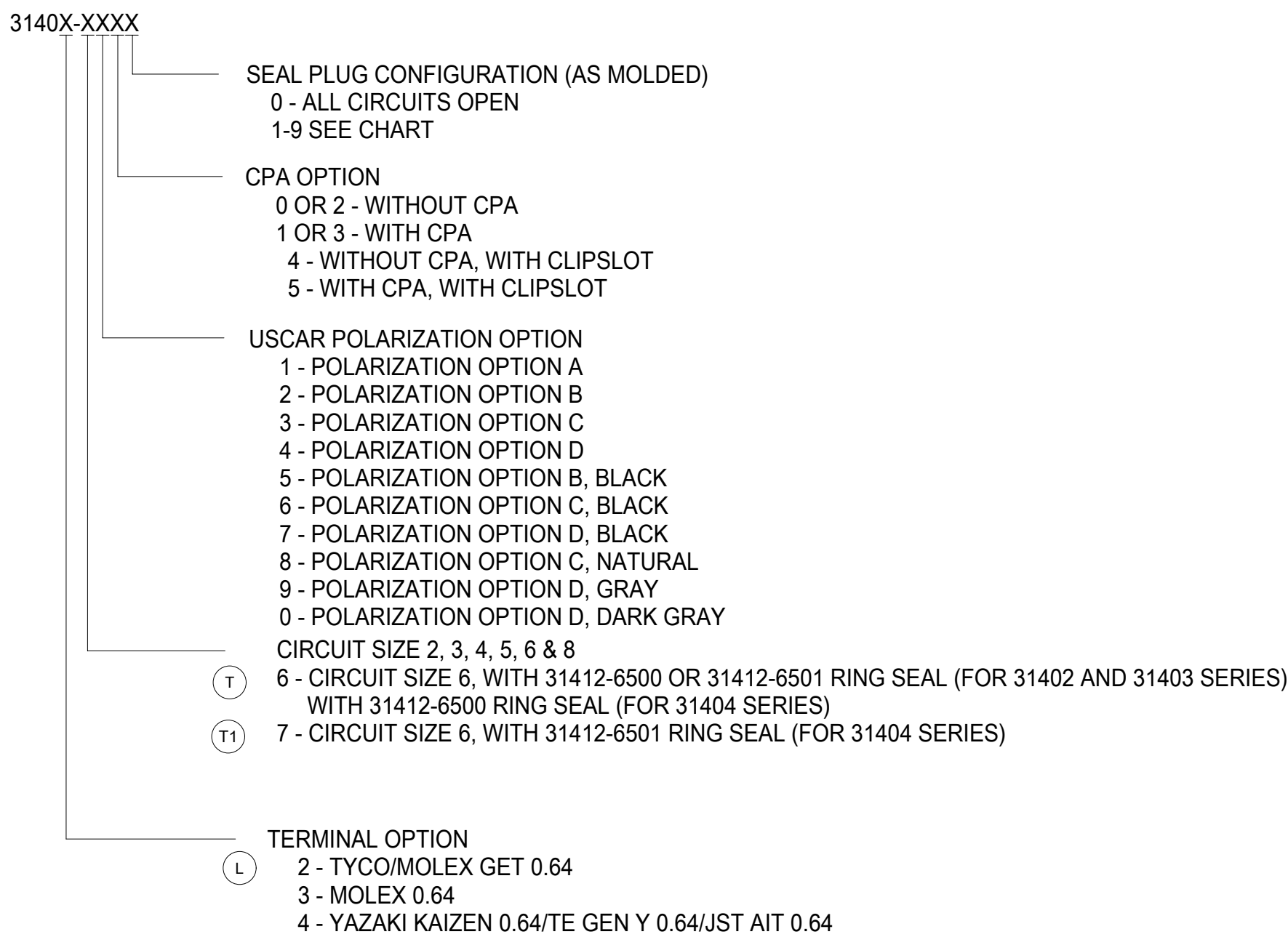
TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONNECTOR ASSEMBLY WITHOUT CLIPSLOT
3	CONNECTOR ASSEMBLY WITH CLIPSLOT
4-5	KEY CONFIGURATIONS
6-9	BOM

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

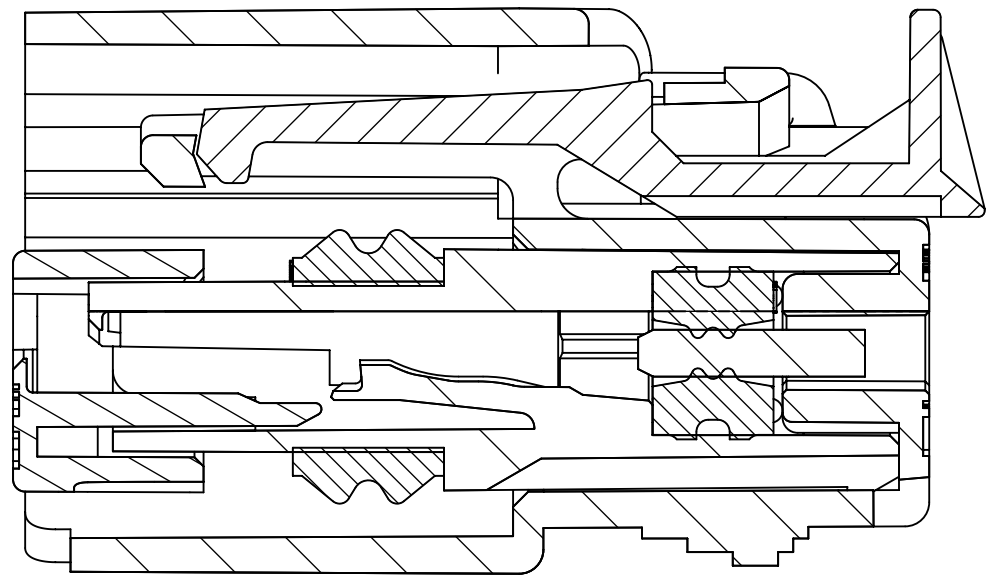
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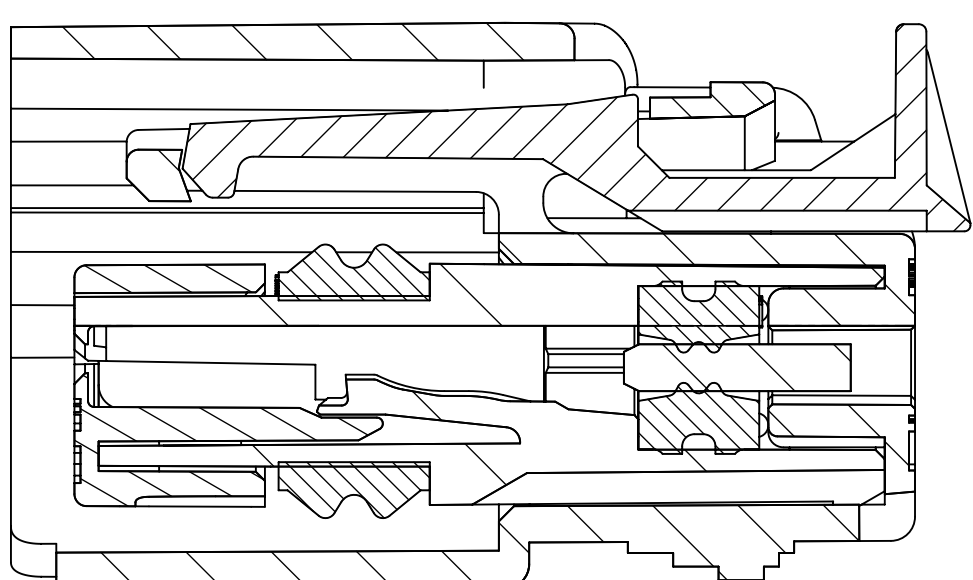
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U1	ADD P/N: 31402-3115, 31402-3105
U	OBSOLETE P/N 31404-6XXX
T8	ADD P/N: 31404-7804, 31404-7814
T7	CHANGE STATUS FROM "TOOLED" TO "SALEABLE" ADD P/N 31404-7135/7125, 31404-7216/7206, 31404-7913/7903
T6	ADD P/N: 31404-7124, 31404-7134, 31404-7205, 31404-7215, 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 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: 31403-3122; 31403-3122
M	ADD P/N: 31402-6118; 31402-6108
REV	REV DESCRIPTION

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 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY						
		mm		1:1												
		GENERAL TOLERANCES (UNLESS SPECIFIED)														
		ANGULAR TOL		± 3.0 °												
		4 PLACES		±						EC NO: 625926						
		3 PLACES		±		DRWN: PZHANG71 2019/10/17										
		2 PLACES		± 0.13		CHK'D: GLI04 2019/10/21										
		1 PLACE		± 0.3		APPR: JDENG02 2019/10/22										
		0 PLACES		±		INITIAL REVISION:										
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
												SD-31402-211		PSD	001	U2
										MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
								D-SIZE		31402		GENERAL MARKET		1 OF 9		

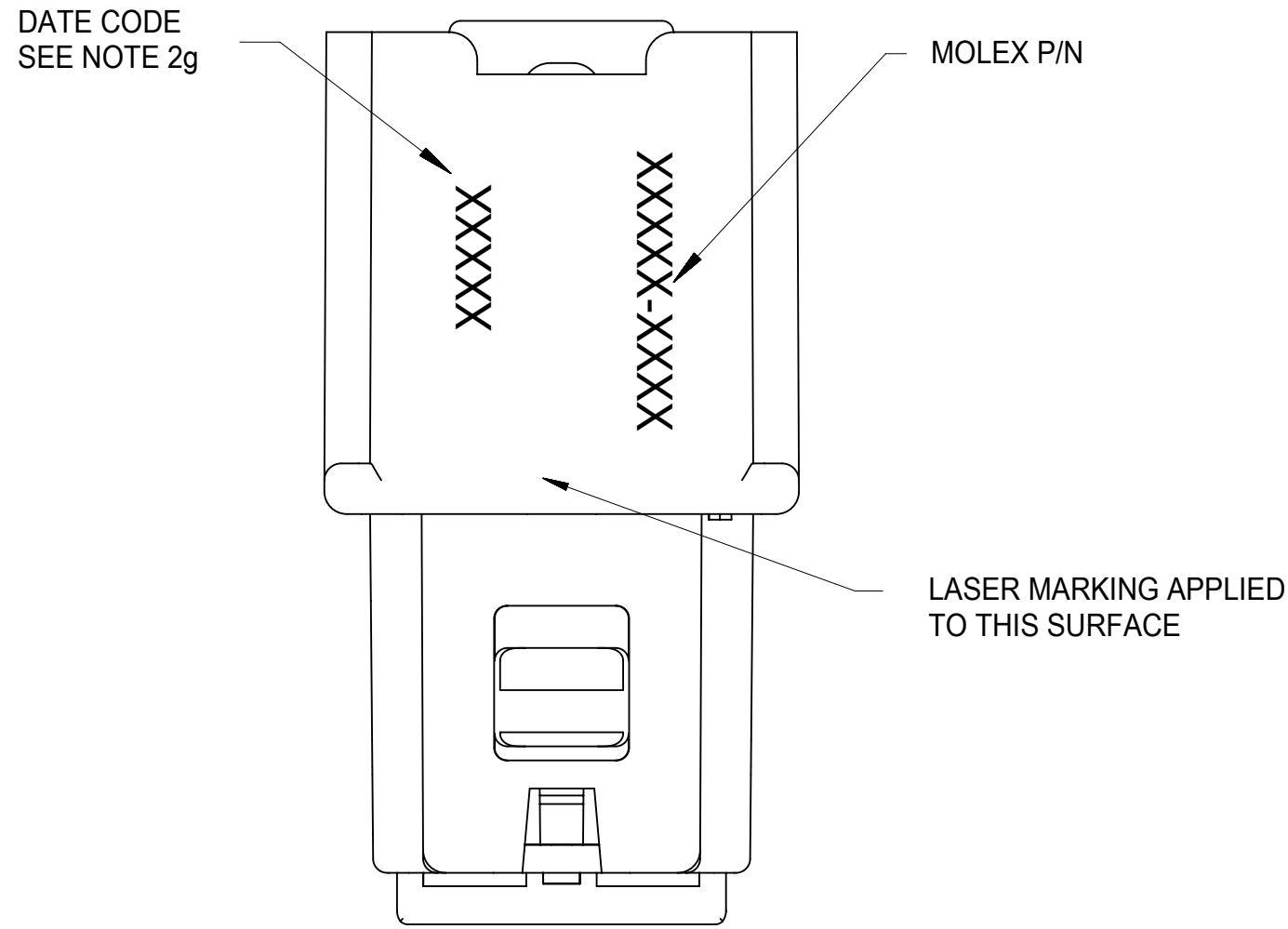
DOCUMENT STATUS	P1	RELEASE DATE	2019/10/22	03:33:12
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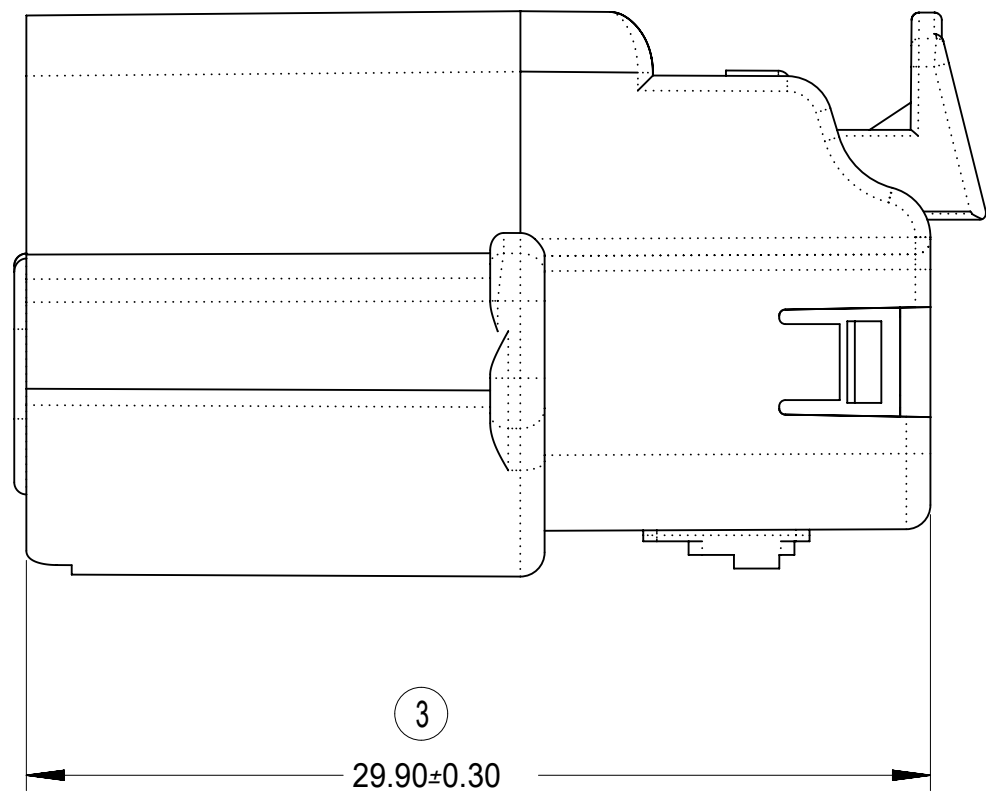
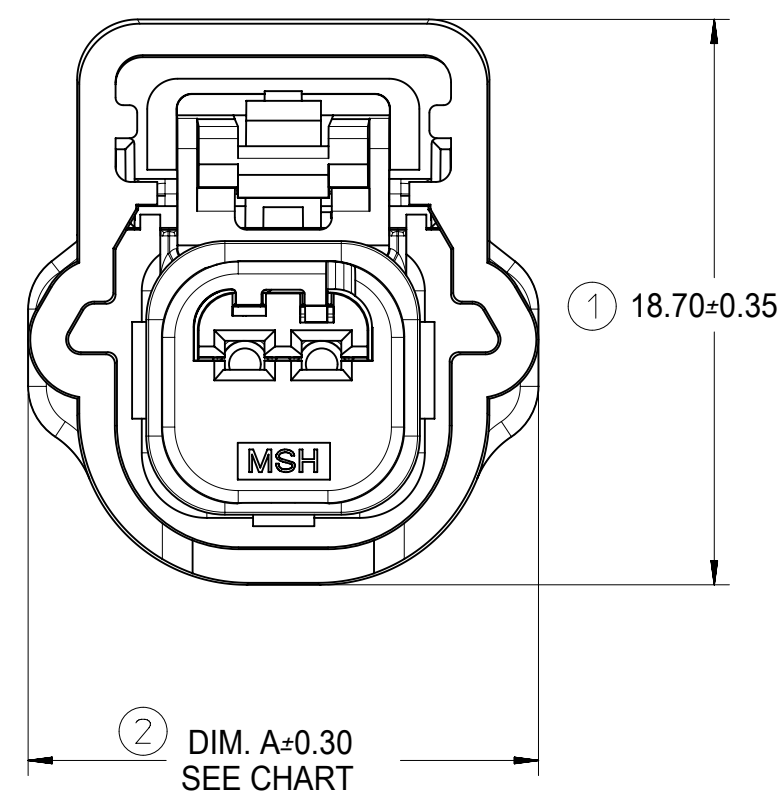
SECTION A-A
TPA SHOWN IN AS-SHIPPED
PRE-LOCKED POSITION
SEE NOTE 1c



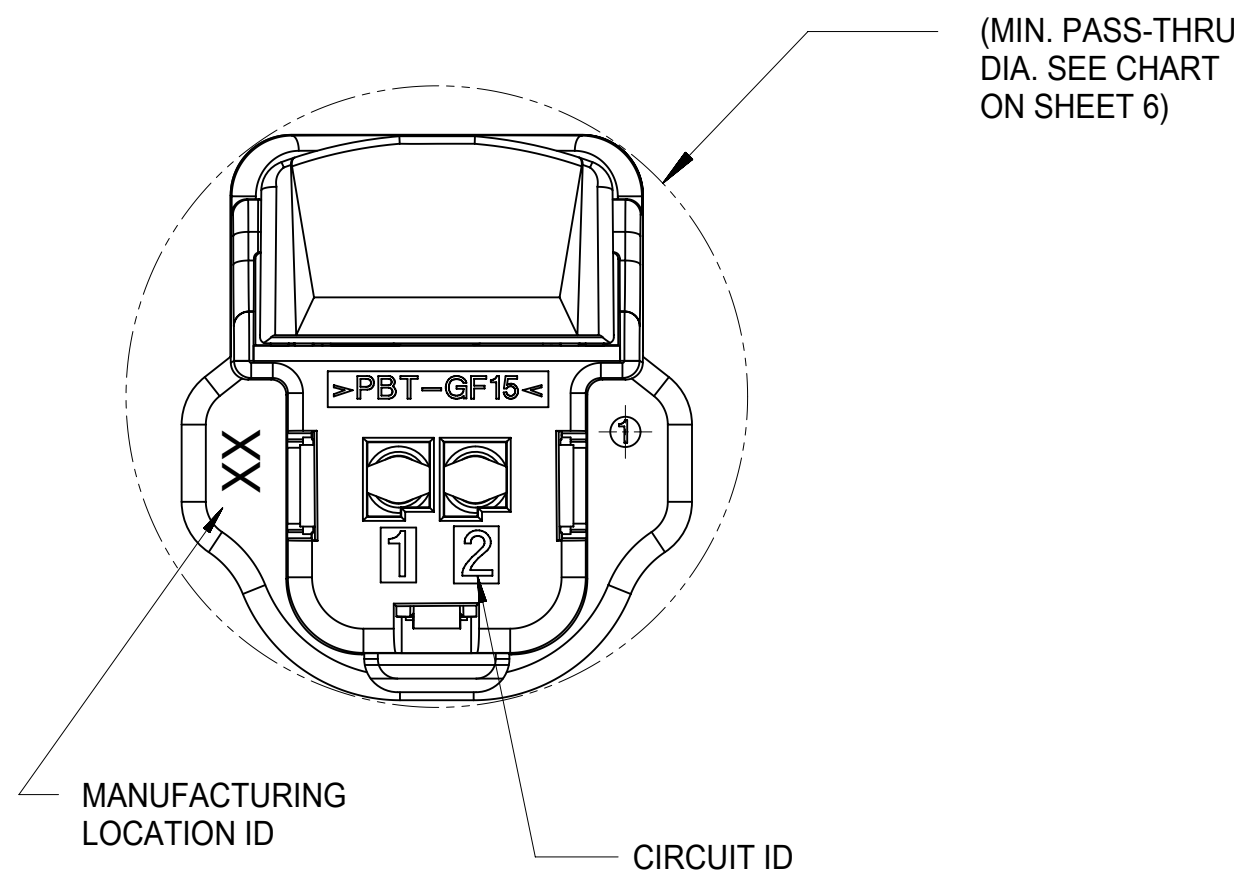
SECTION A-A
TPA SHOWN IN FINAL
LOCKED POSITION



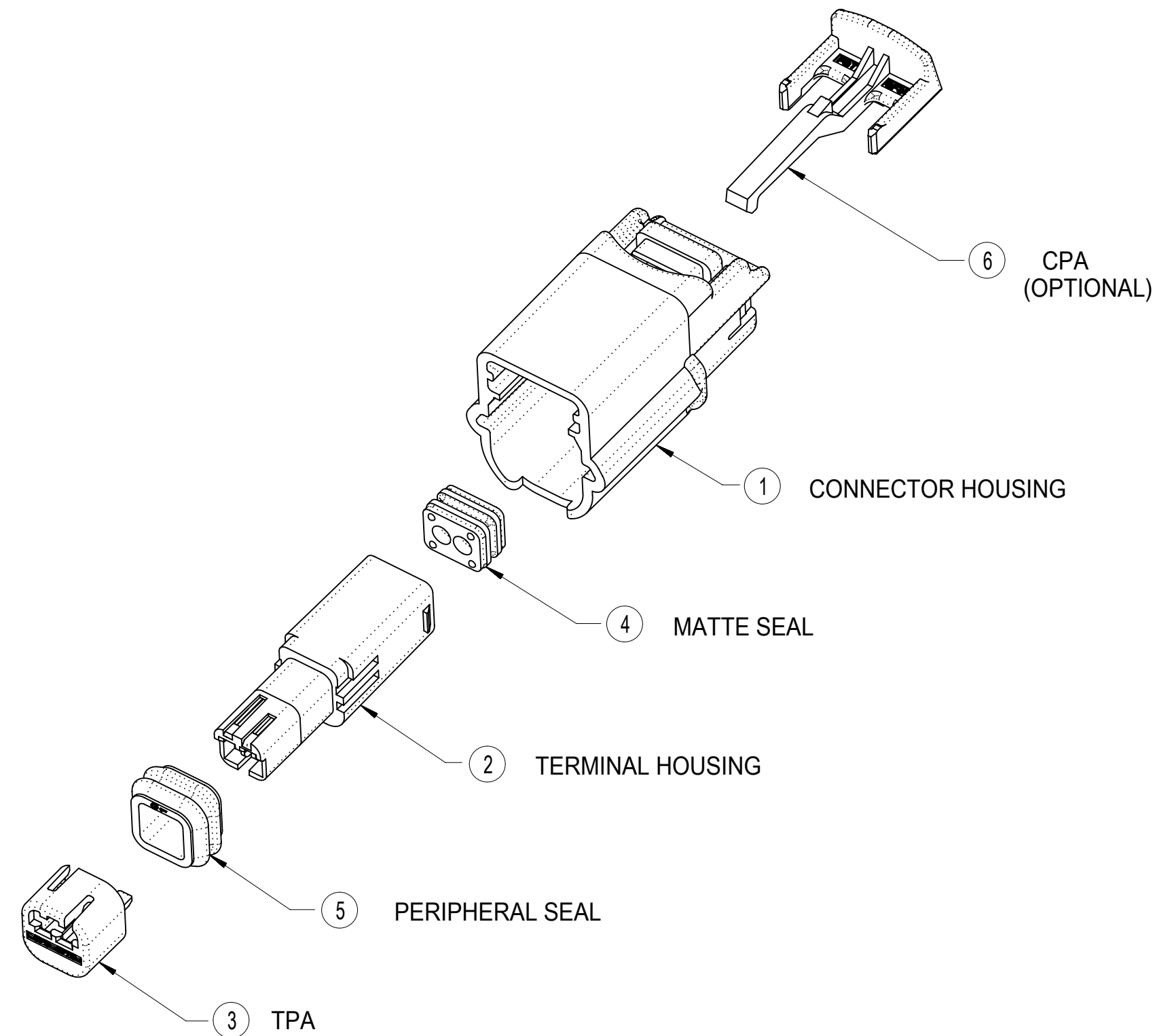
BOTTOM VIEW



RIGHT SIDE VIEW



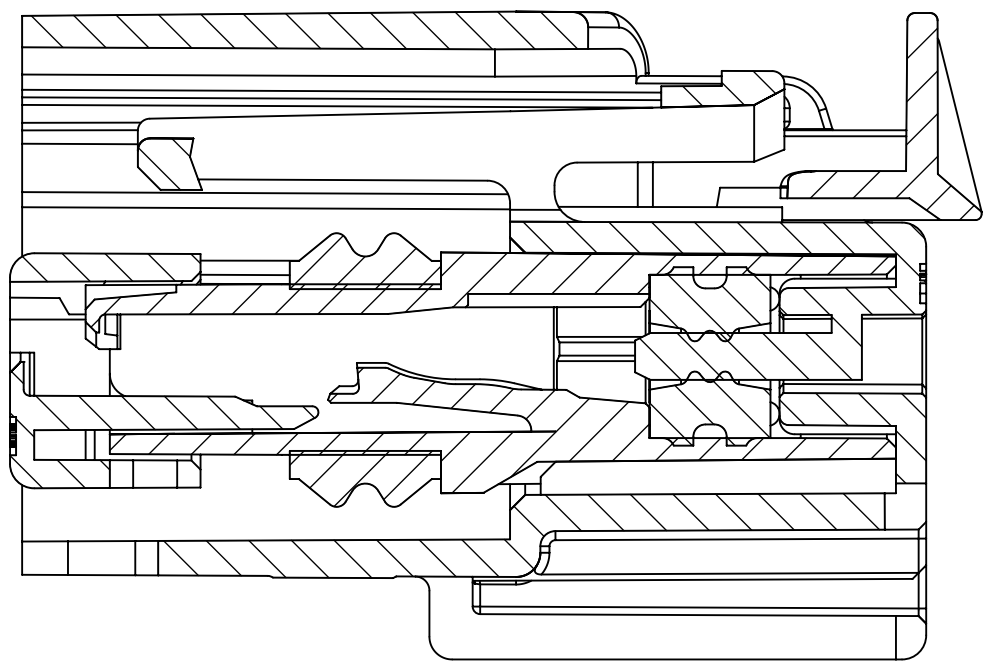
BACK VIEW



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

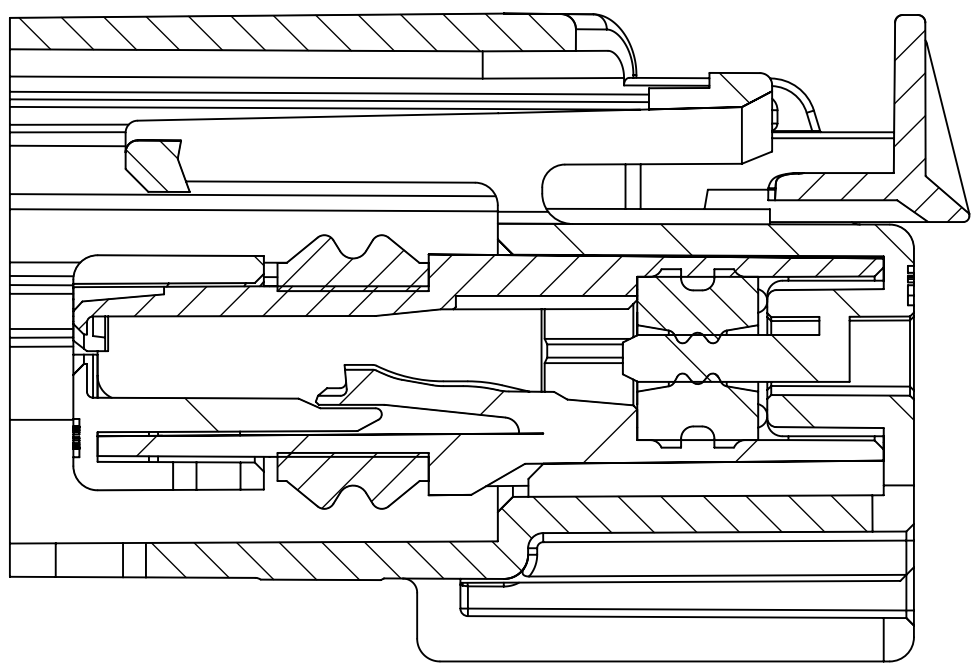
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	DIMENSION UNITS		SCALE	CURRENT REV DESC:				molex 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY			
	mm	1:1									
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	= 0	ANGULAR TOL ± 3.0 °									
	= 0	4 PLACES	±	EC NO: 625926 DRWN: PZHANG71 2019/10/17 CHK'D: GLI04 2019/10/21 APPR: JDENG02 2019/10/22 INITIAL REVISION: DRWN: RCARLSON 2004/03/01 APPR: PBERG 2004/09/30							
	= 0	3 PLACES	±								
	= 0	2 PLACES	± 0.13								
	= 0	1 PLACE	± 0.3								
	= 0	0 PLACES	±								
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
	= 0	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER				
				D-SIZE	31402		GENERAL MARKET	2 OF 9			

DOCUMENT STATUS	P1	RELEASE DATE	2019/10/22	03:33:12
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SECTION C-C

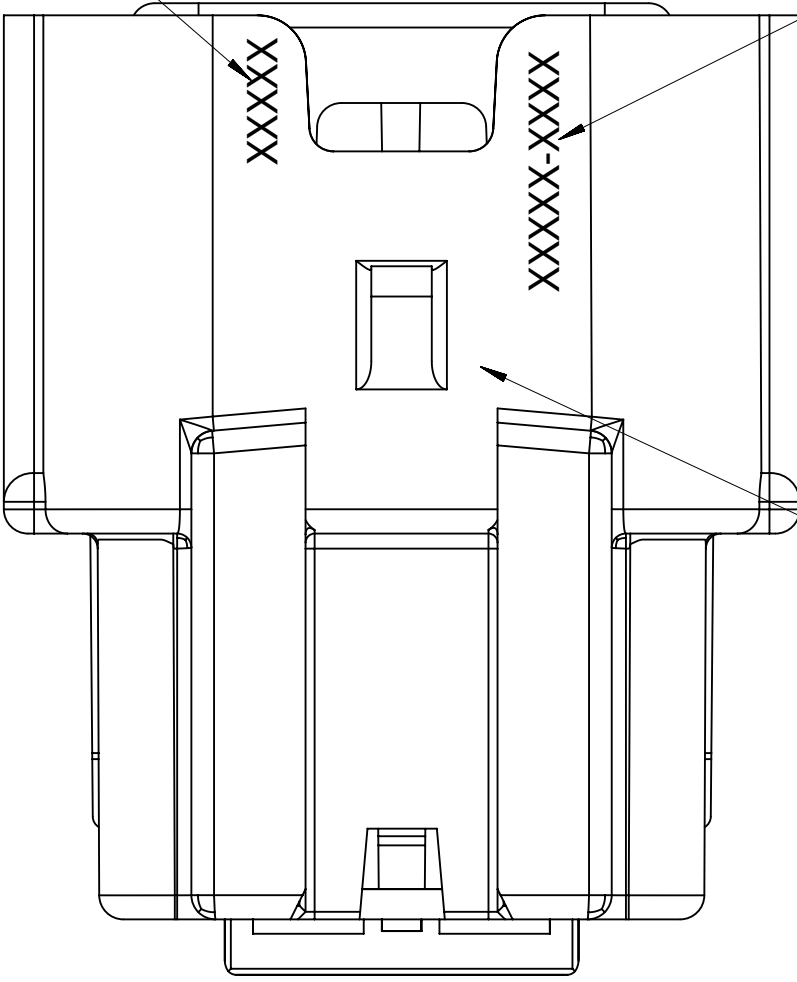
TPA SHOWN IN AS-SHIPPED
PRE-LOCKED POSITION
SEE NOTE 1c



SECTION C-C

TPA SHOWN IN FINAL
LOCKED POSITION

DATE CODE
SEE NOTE 2g

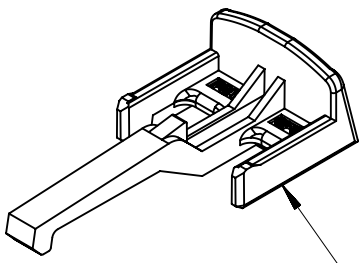


BOTTOM VIEW

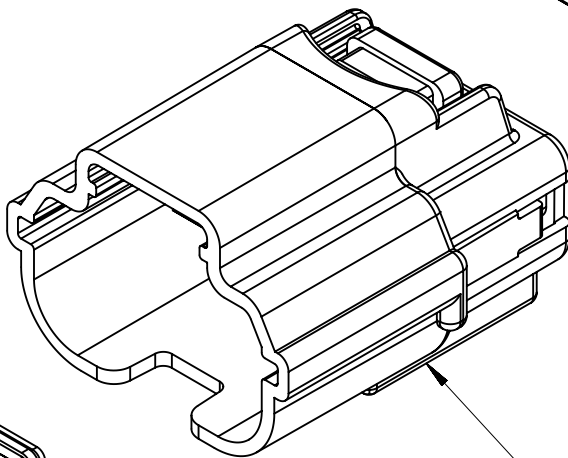
MOLEX P/N

LASER MARKING APPLIED
TO THIS SURFACE

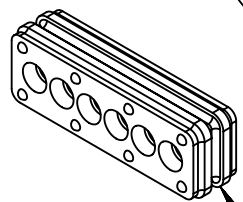
CONNECTOR ASSEMBLY WITH CLIPSLOT



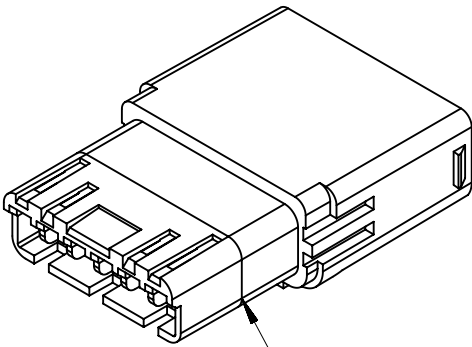
CPA
(OPTIONAL)



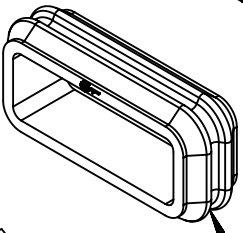
CONNECTOR HOUSING



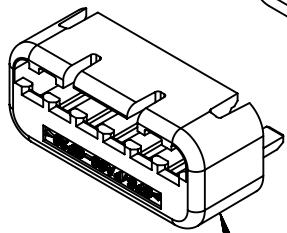
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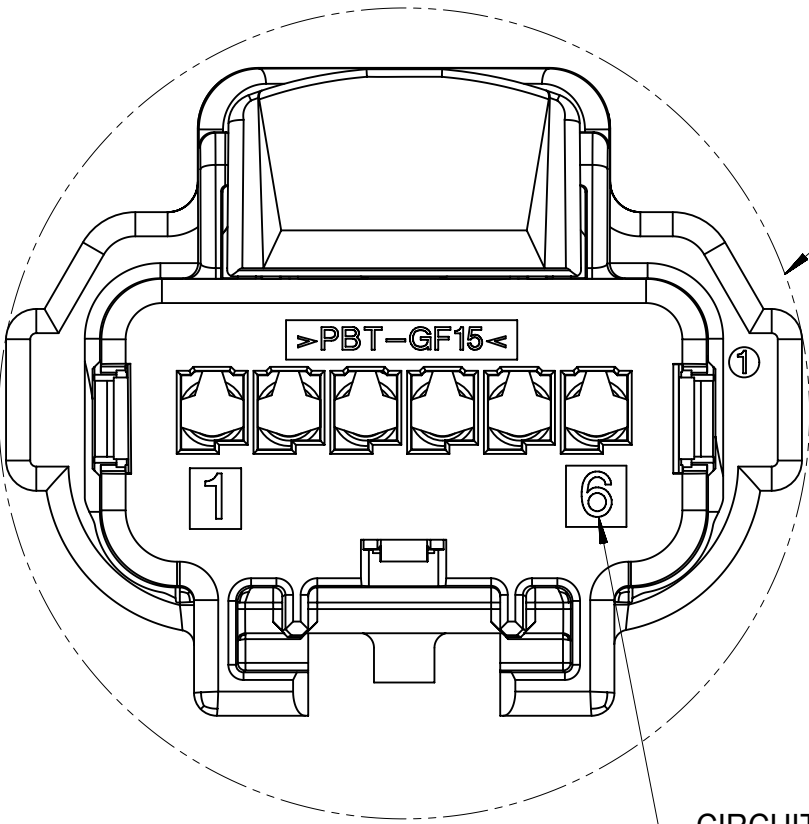
TERMINAL HOUSING



PERIPHERAL SEAL



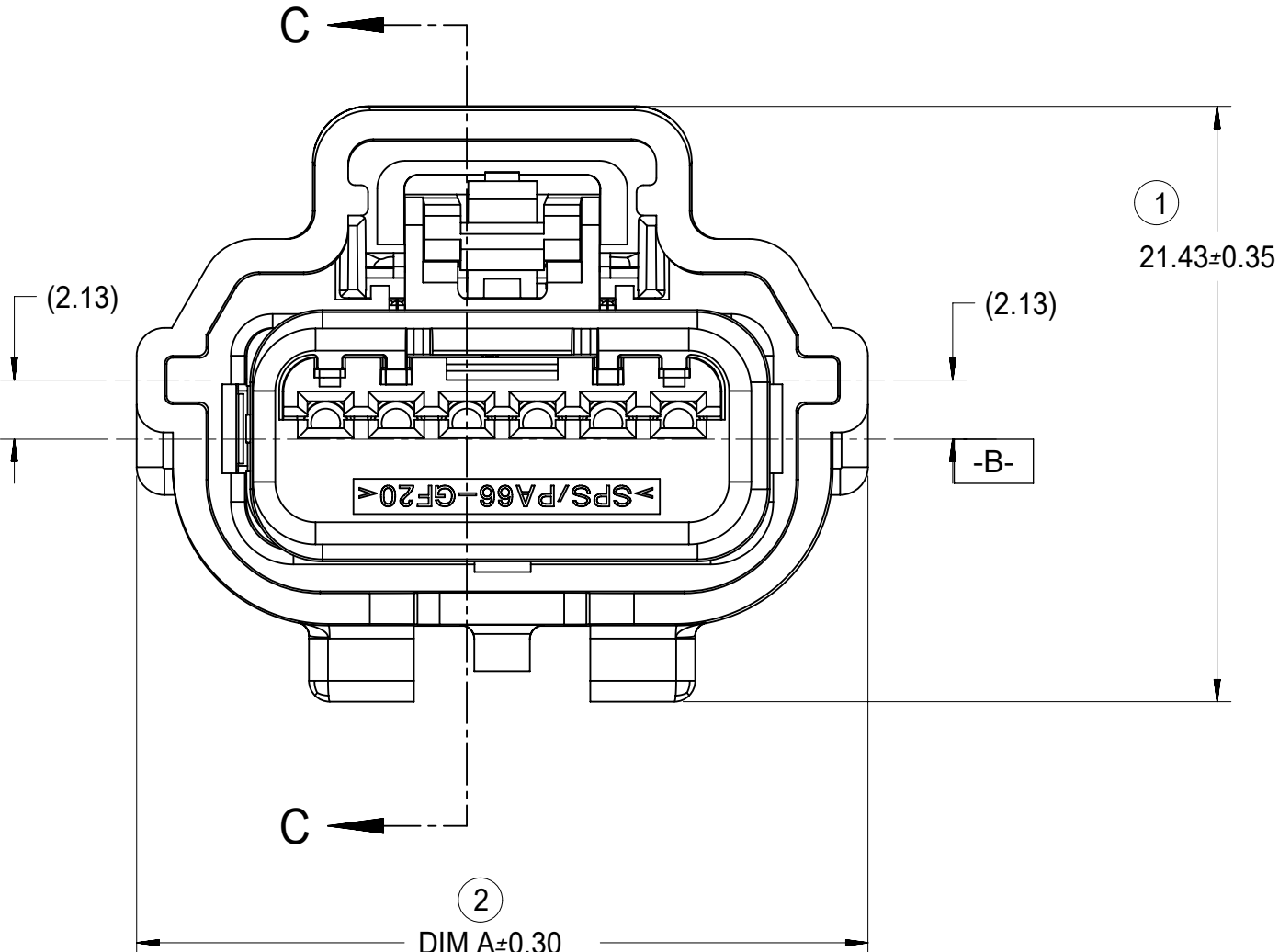
TPA



BACK VIEW

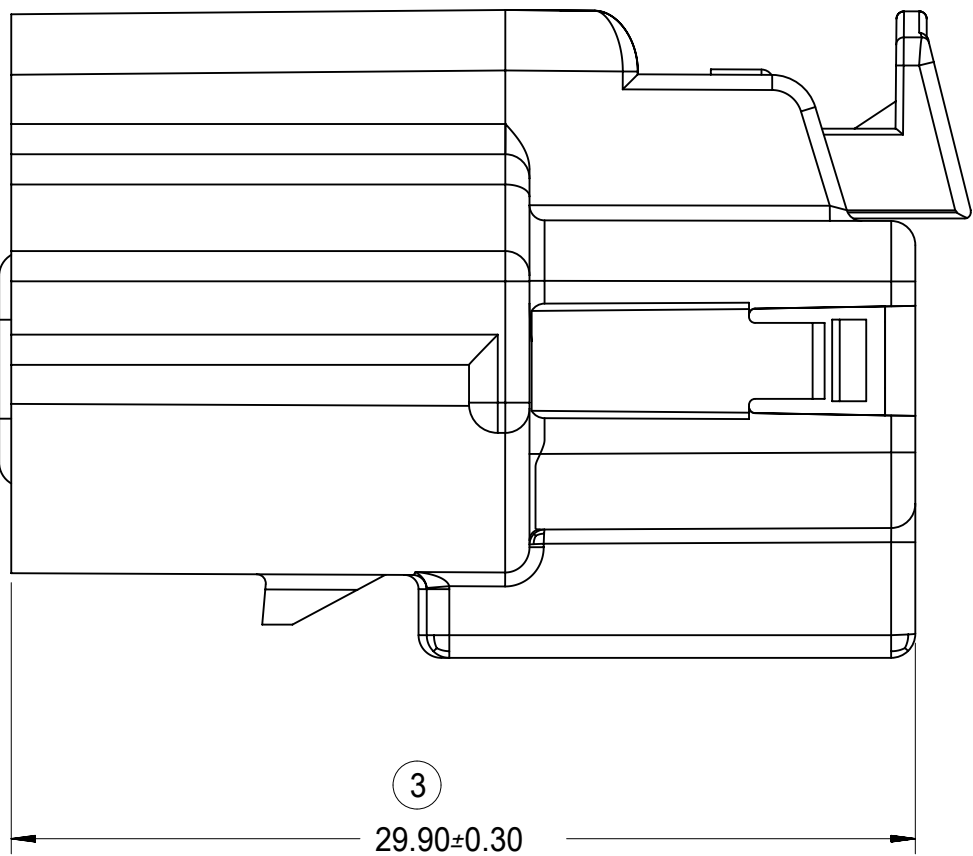
(MIN. PASS-THRU
DIA. SEE CHART
ON SHEET 7)

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

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		1:1																
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 625926 DRWN: PZHANG71 2019/10/17 CHK'D: GLI04 2019/10/21 APPR: JDENG02 2019/10/22				0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY										
	ANGULAR TOL ± 3.0°																		
	4 PLACES		±																
	3 PLACES		±		INITIAL REVISION: DRWN: RCARLSON 2004/03/01 APPR: PBERG 2004/09/30				PRODUCT CUSTOMER DRAWING										
	2 PLACES		± 0.13																
	1 PLACE		± 0.3																
	0 PLACES		±		DOCUMENT NUMBER SD-31402-211				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		3 OF 9				

0.64 USCAR CONNECTOR
SEALED SINGLE ROW ASSEMBLY

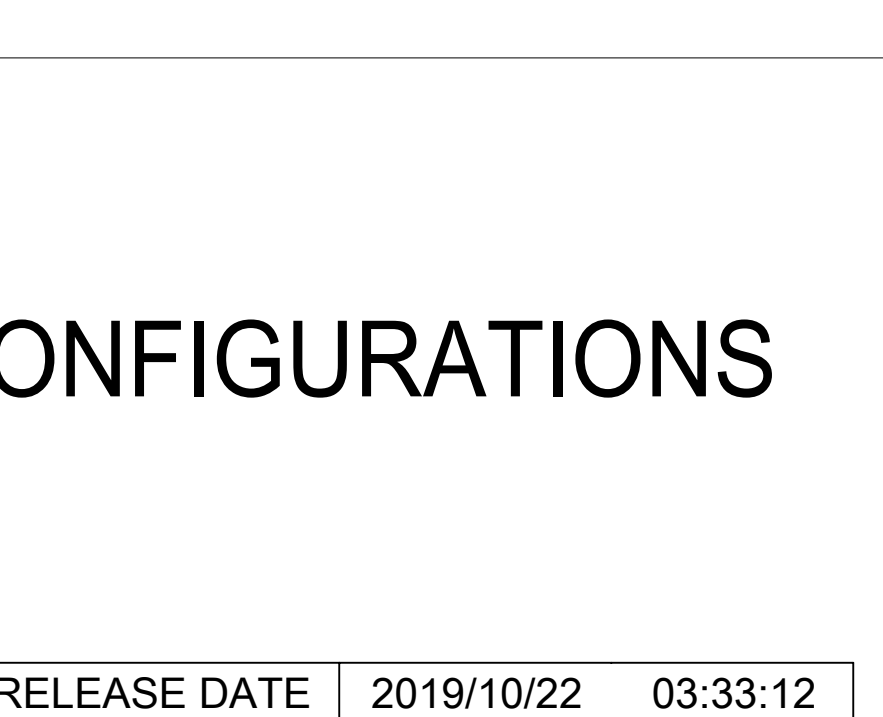
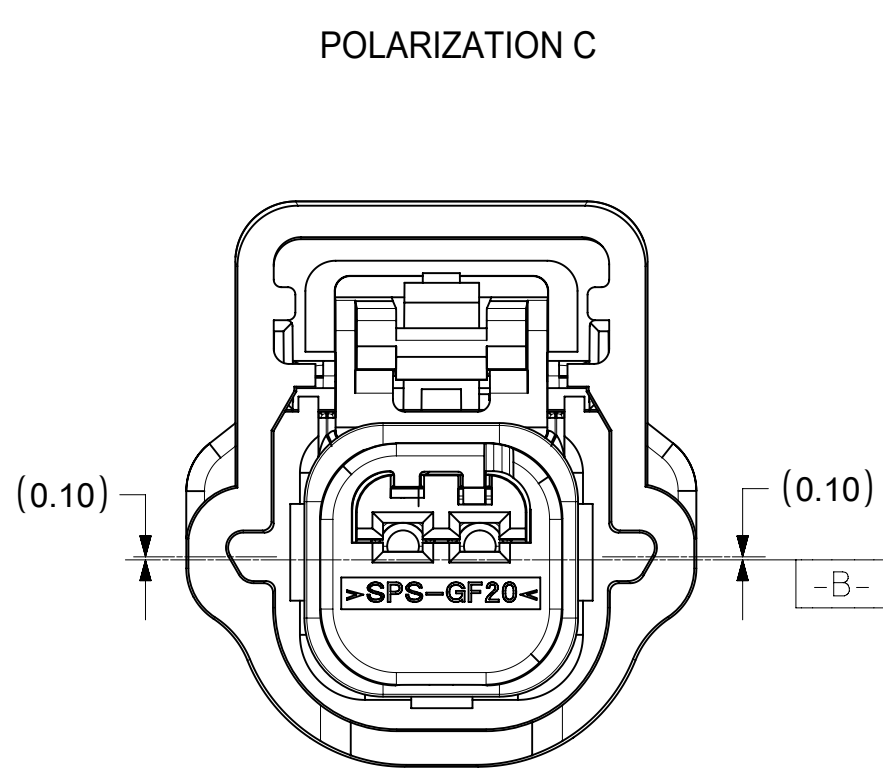
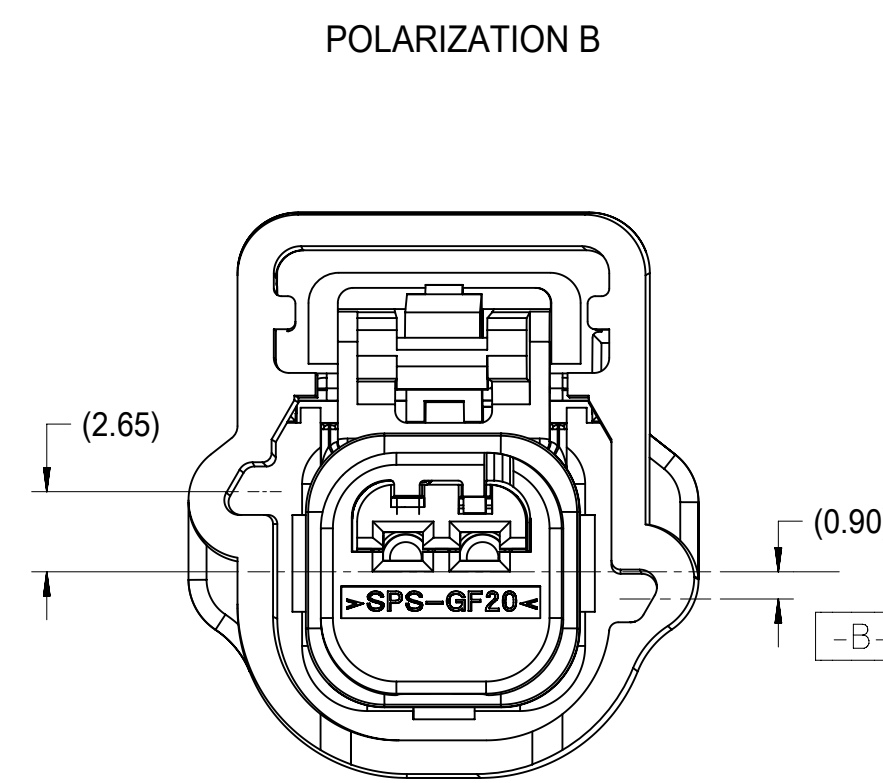
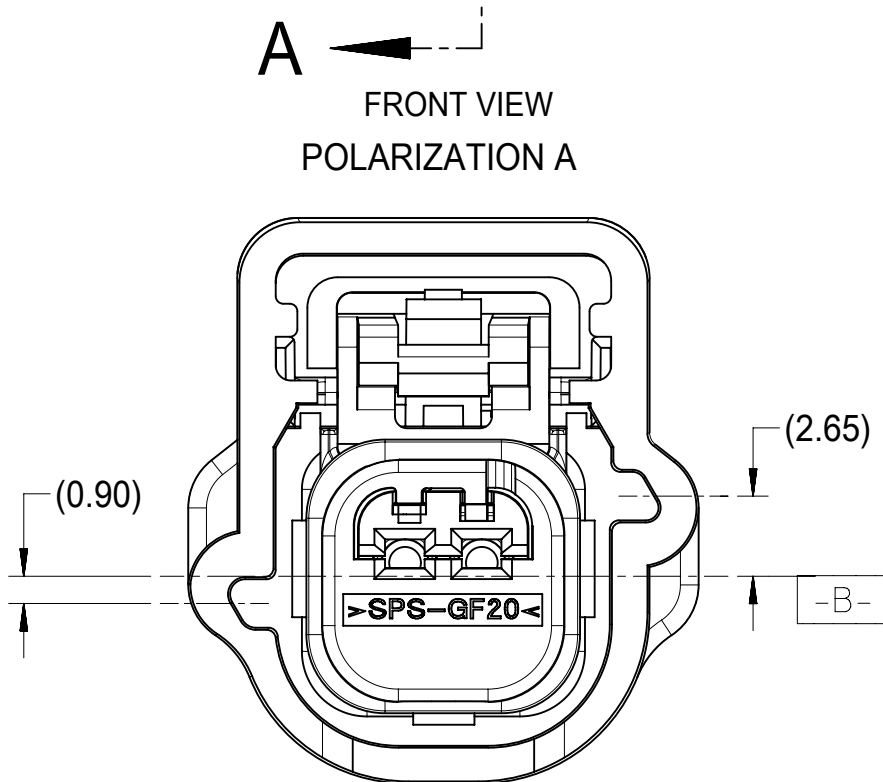
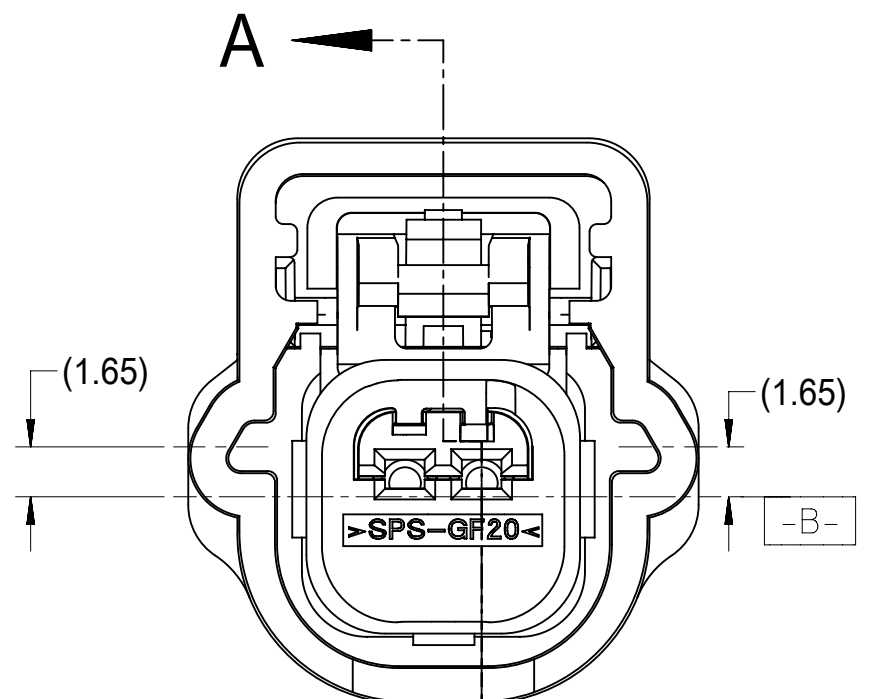
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-31402-211	PSD	001	U2

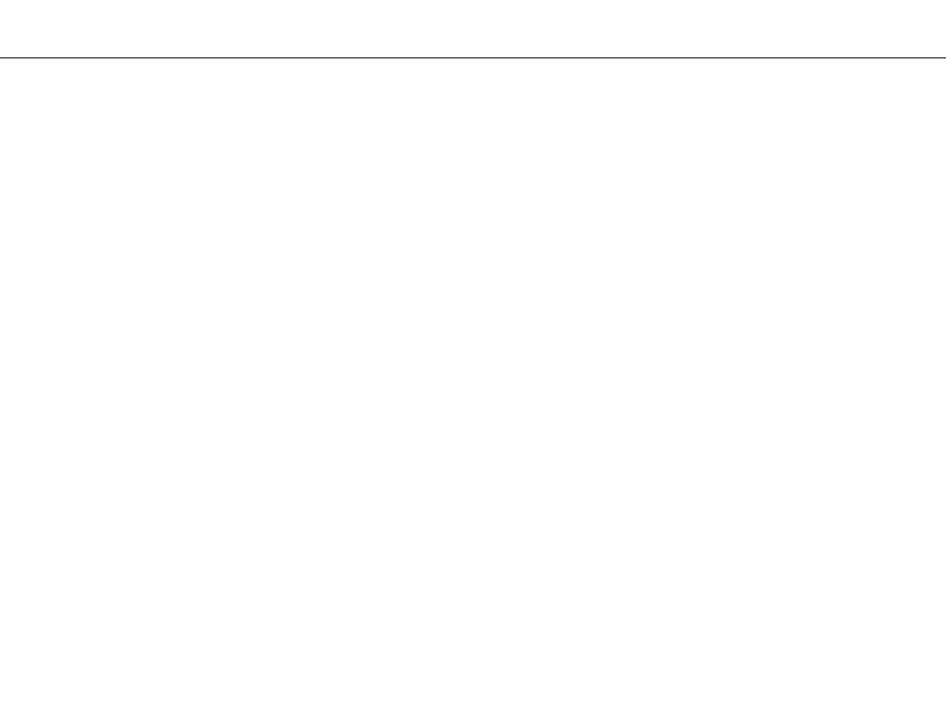
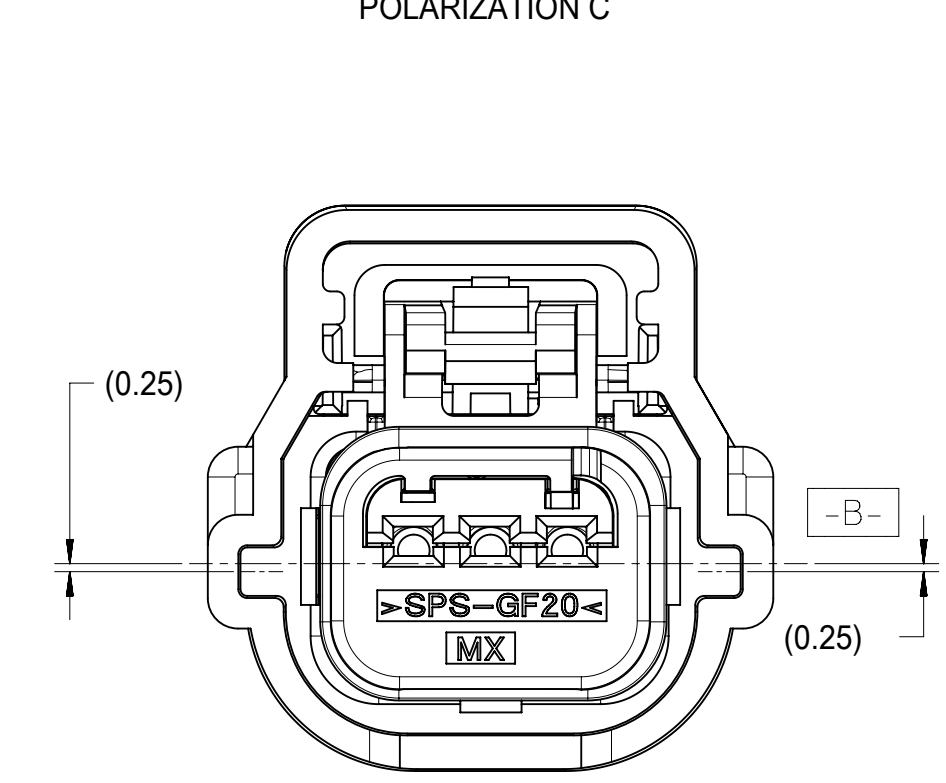
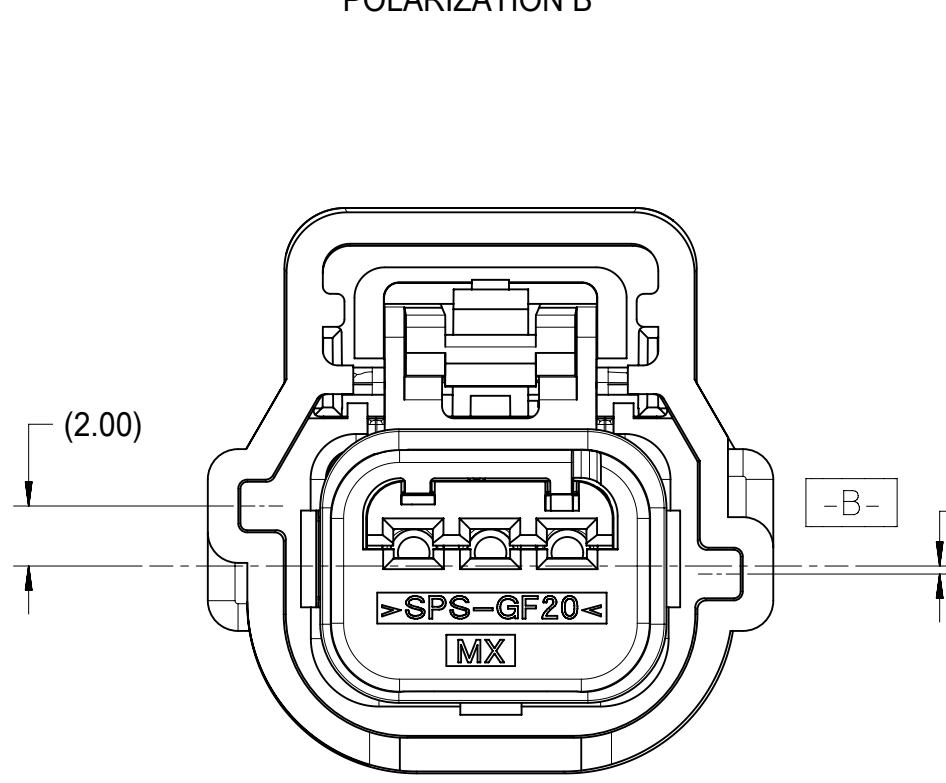
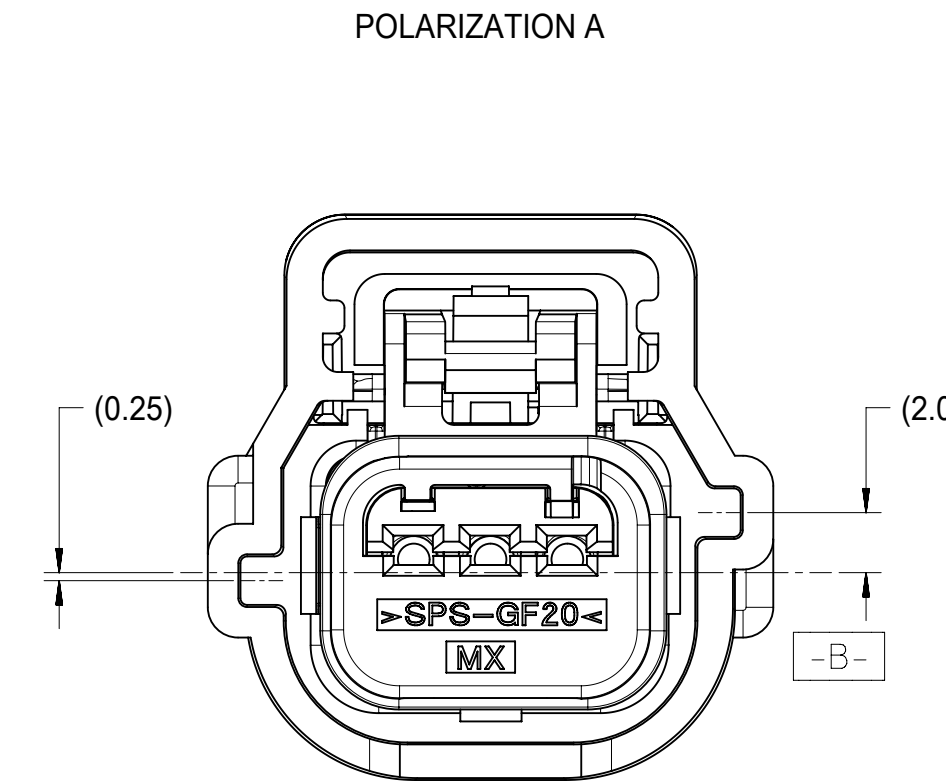
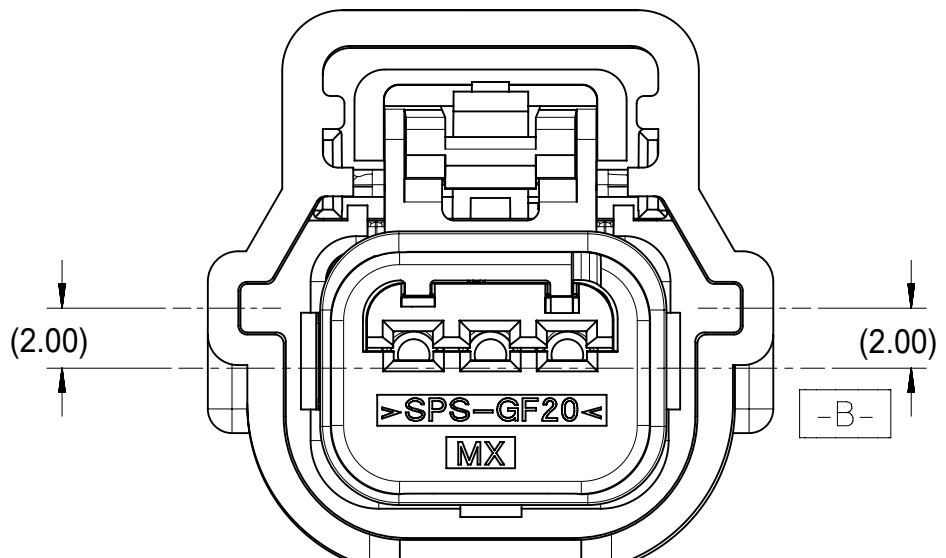
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	3 OF 9

DOCUMENT STATUS	P1	RELEASE DATE	2019/10/22 03:33:12
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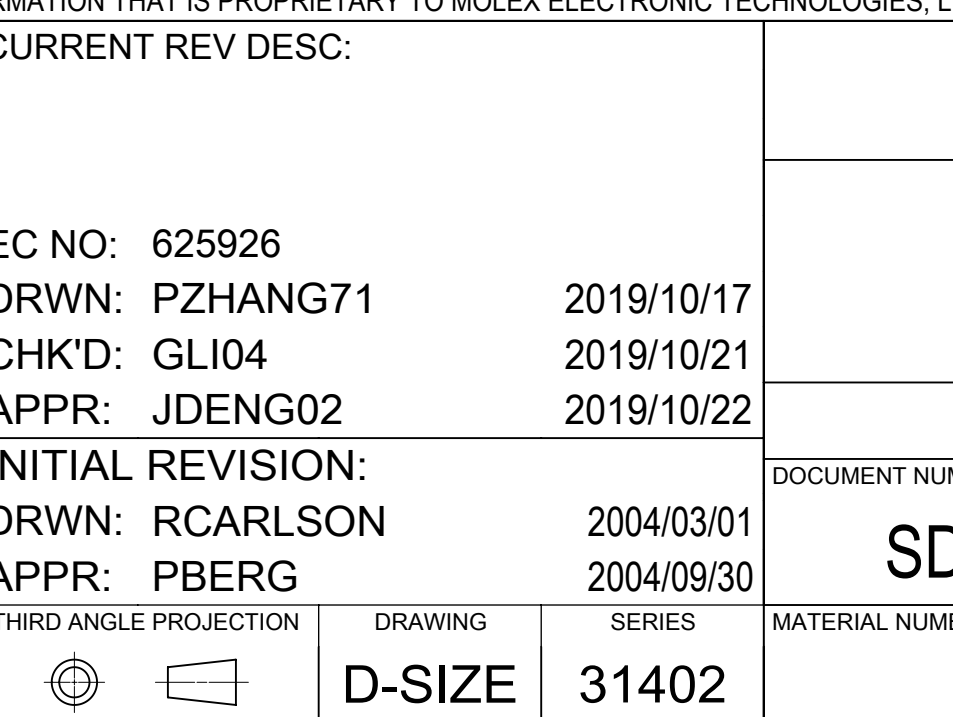
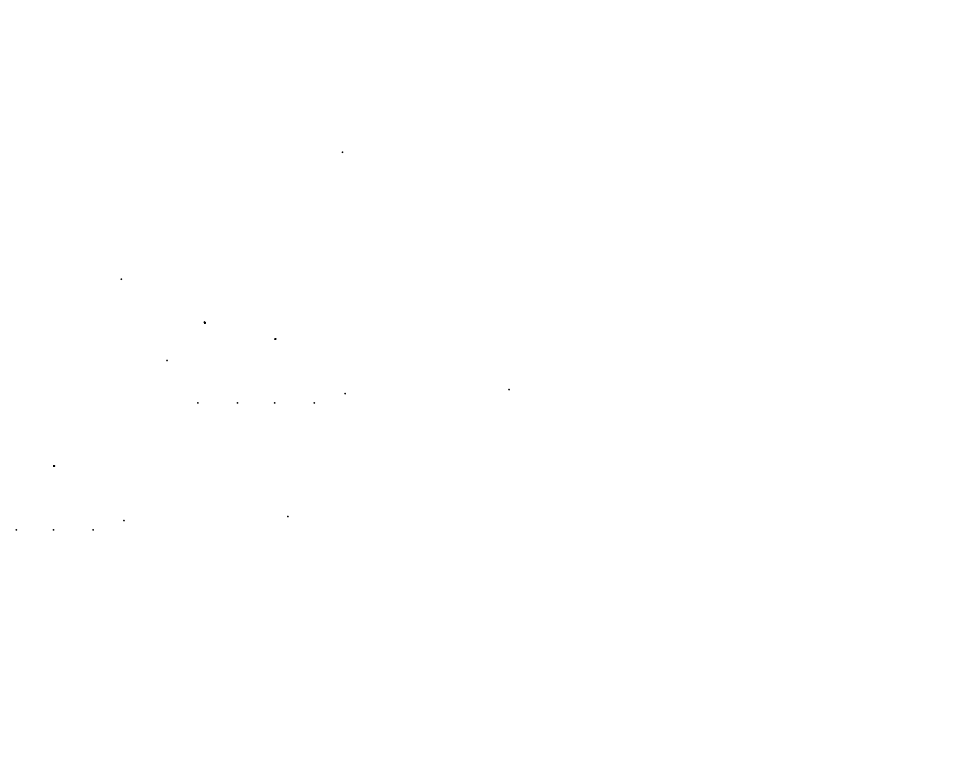
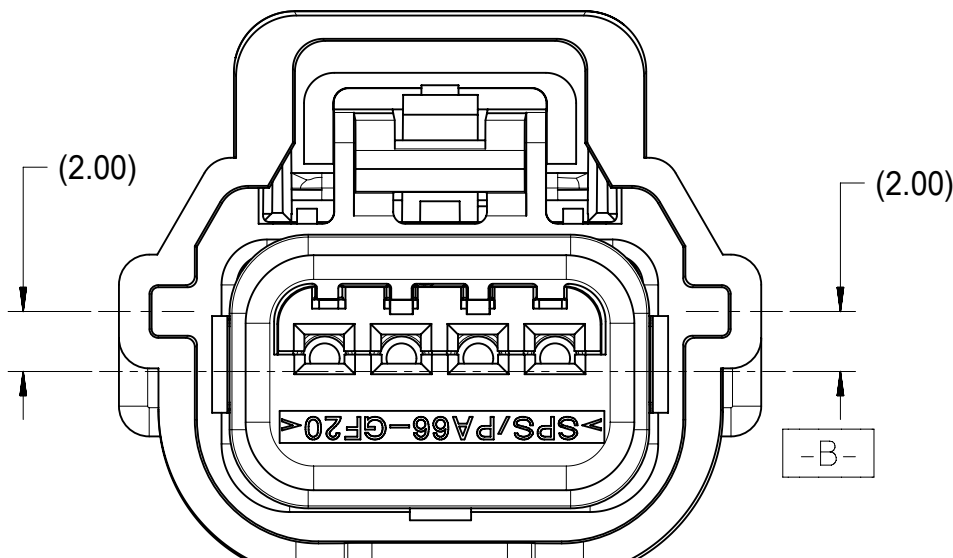
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1X3



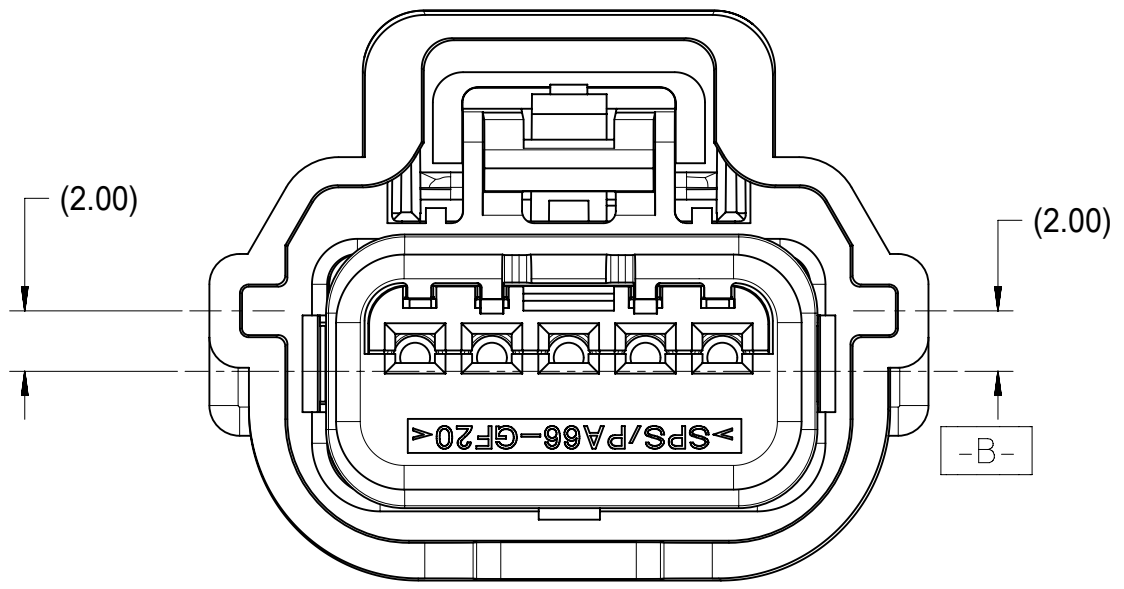
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KEY CONFIGURATIONS

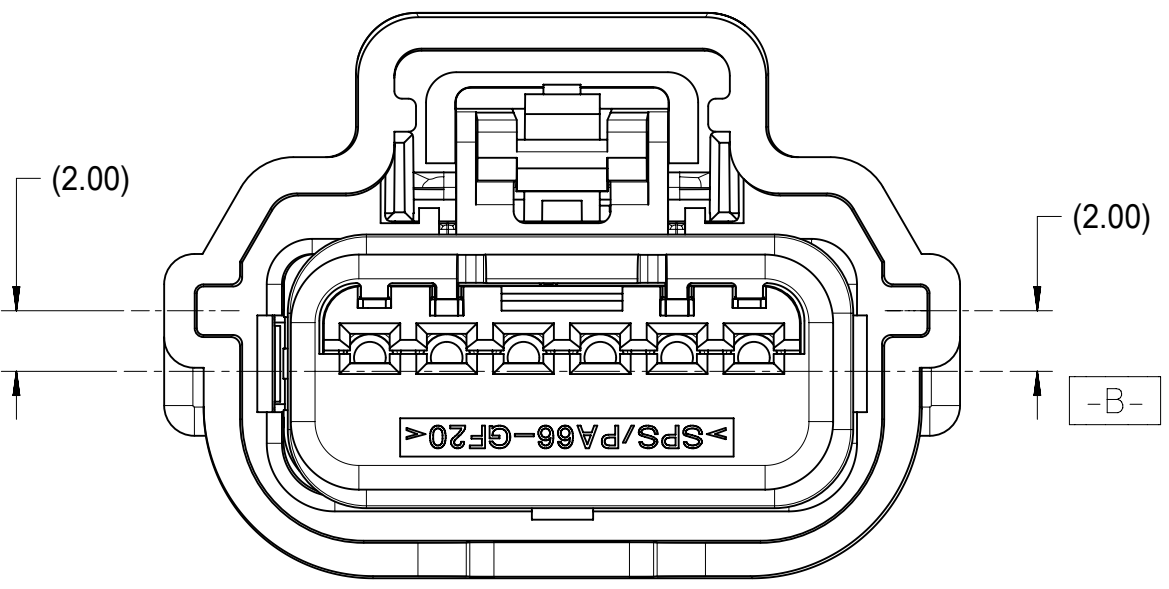
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	= 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 625926 DRWN: PZHANG71 2019/10/17 CHK'D: GLI04 2019/10/21 APPR: JDENG02 2019/10/22 INITIAL REVISION: DRWN: RCARLSON 2004/03/01 APPR: PBERG 2004/09/30				molex 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY							
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)															
	= 0	ANGULAR TOL ± 3.0°															
	= 0	4 PLACES		±													
	= 0	3 PLACES		±													
	= 0	2 PLACES		± 0.13		PRODUCT CUSTOMER DRAWING				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
	= 0	1 PLACE		± 0.3						SD-31402-211		PSD	001	U2			
	= 0	0 PLACES		±													
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
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1X5

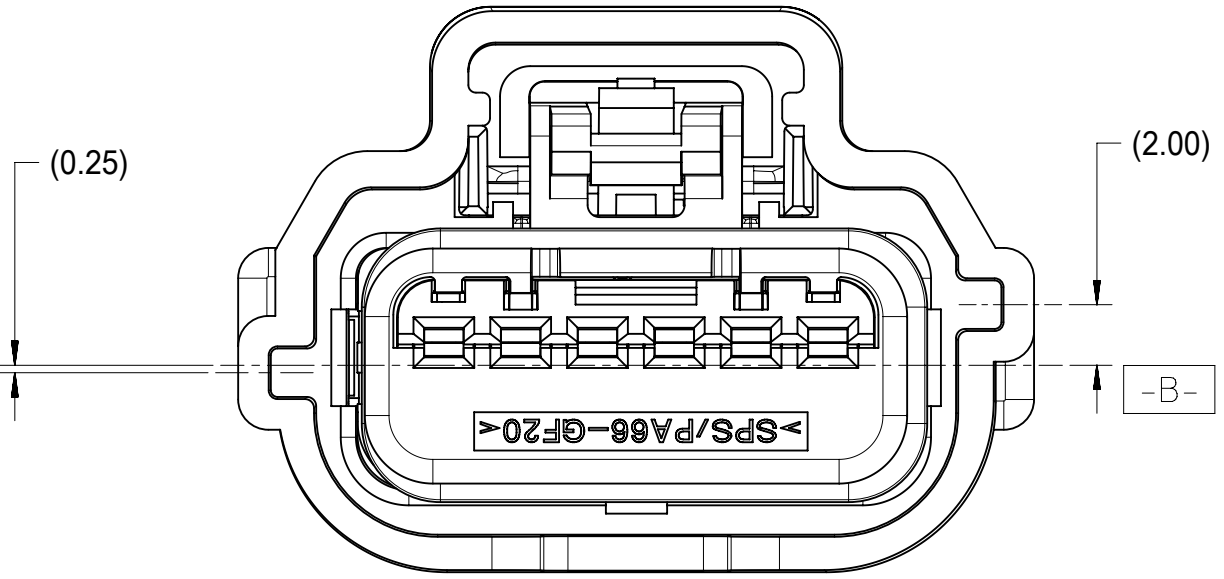


POLARIZATION A

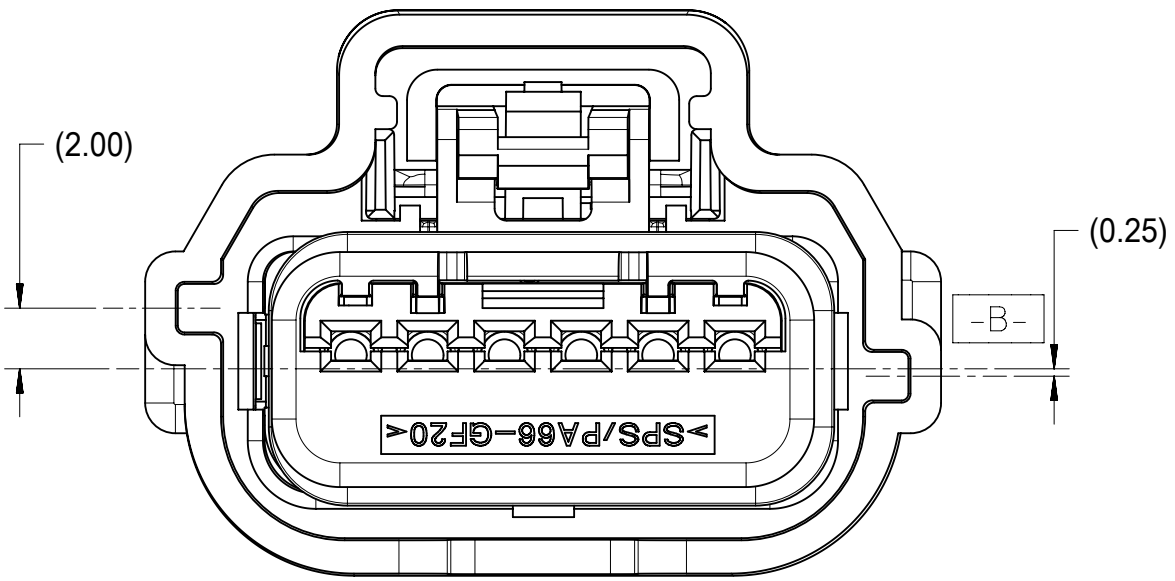
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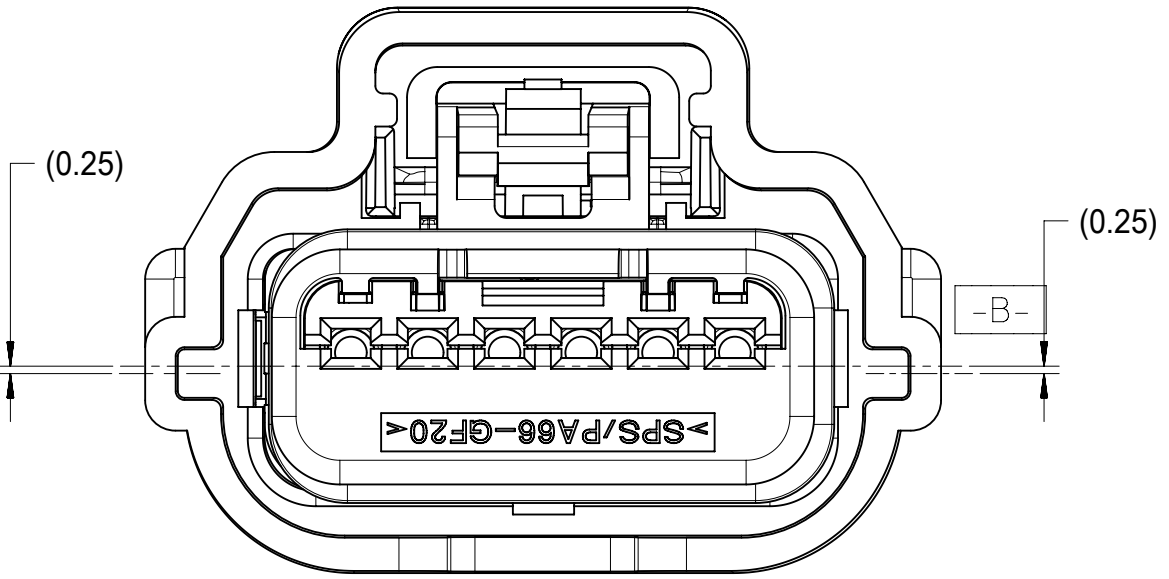
POLARIZATION A



POLARIZATION B

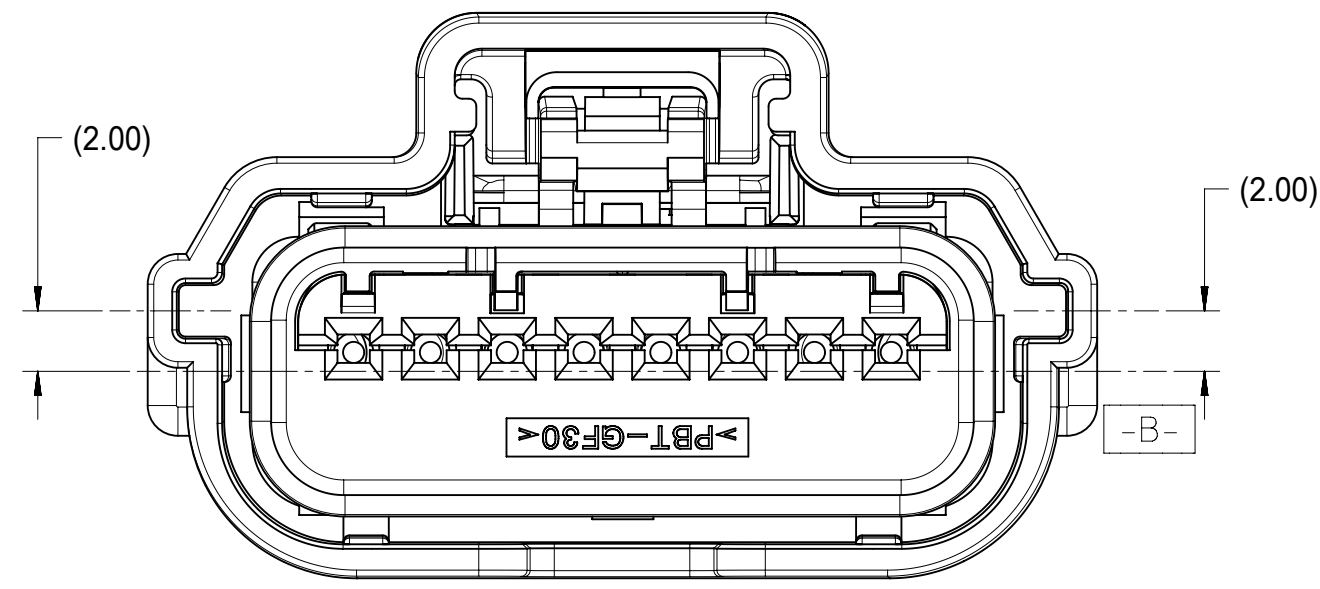


POLARIZATION C

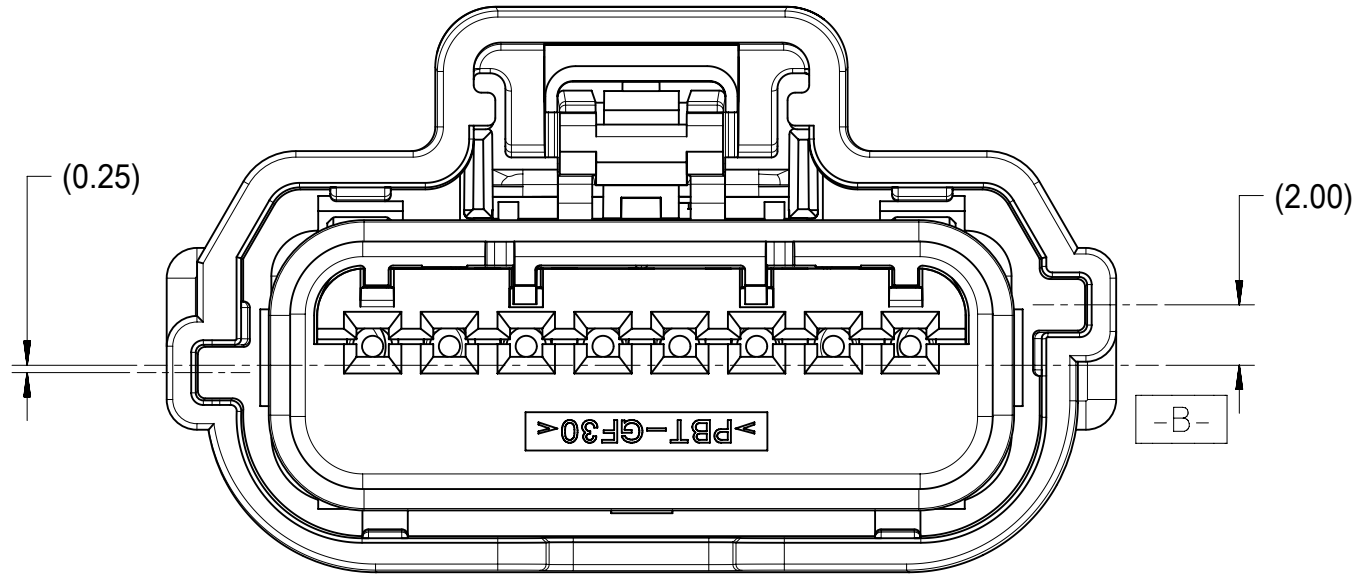


POLARIZATION D

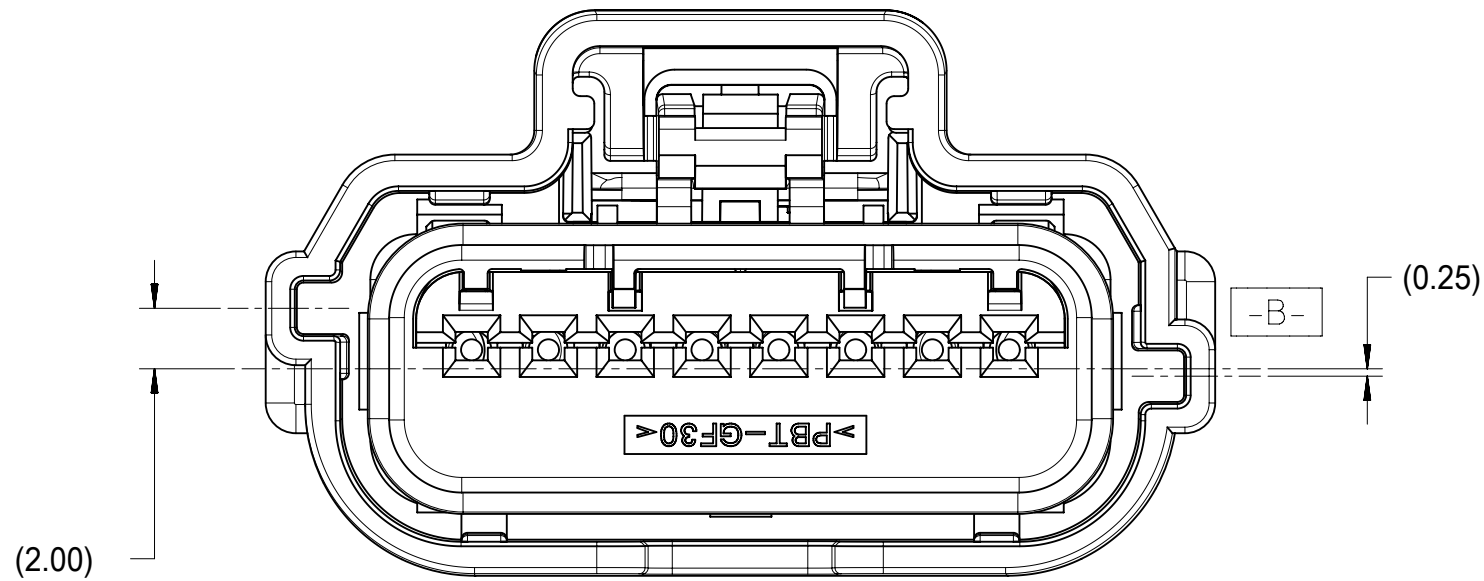
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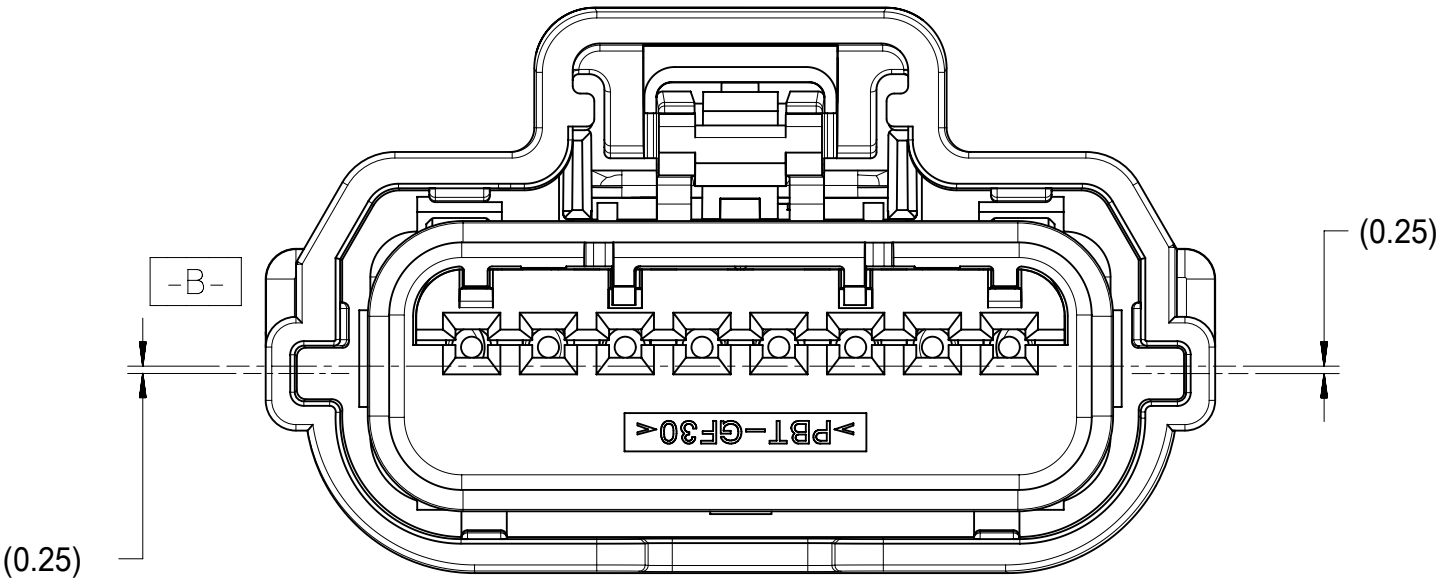
POLARIZATION A



POLARIZATION B



POLARIZATION C



POLARIZATION D

KEY CONFIGURATIONS

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
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 = 0		mm		1:1													
 = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)															
 = 0		ANGULAR TOL ± 3.0°				EC NO: 625926				0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY							
 = 0		4 PLACES		±		DRWN: PZHANG71		2019/10/17									
 = 0		3 PLACES		±		CHK'D: GLI04		2019/10/21									
 = 0		2 PLACES		± 0.13		APPR: JDENG02		2019/10/22		PRODUCT CUSTOMER DRAWING							
 = 0		1 PLACE		± 0.3		INITIAL REVISION:											
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= 0										D-SIZE		31402		GENERAL MARKET		5 OF 9	
												SD-31402-211		PSD		001 U2	

DOCUMENT STATUS	P1	RELEASE DATE	2019/10/22	03:33:12
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[illegible]

