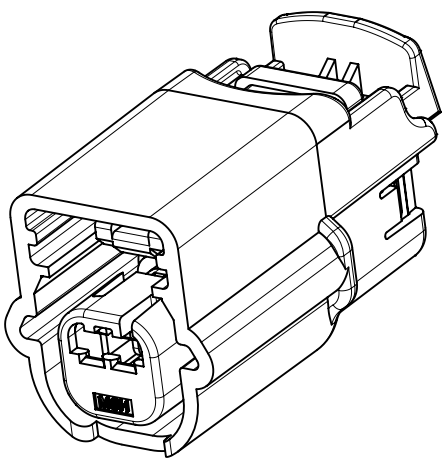
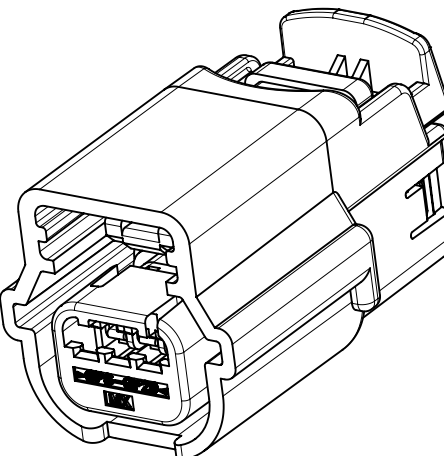
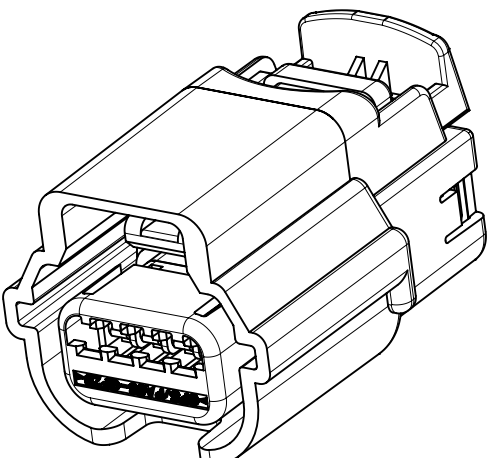




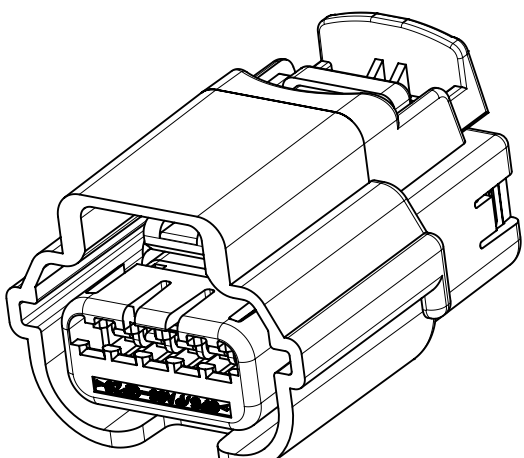
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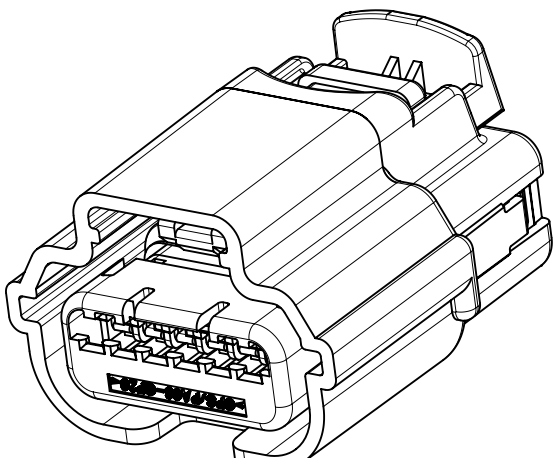
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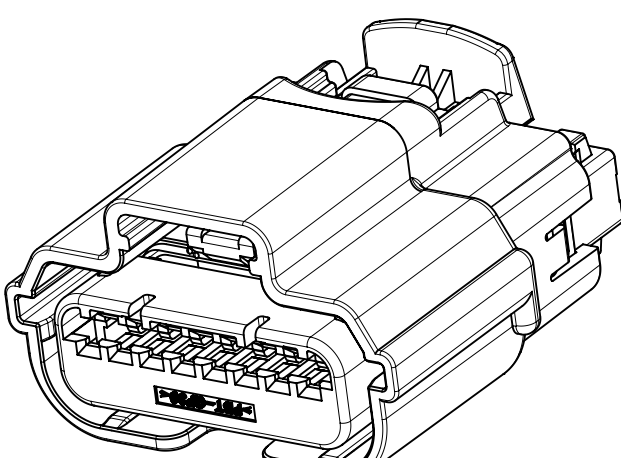
1X4



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

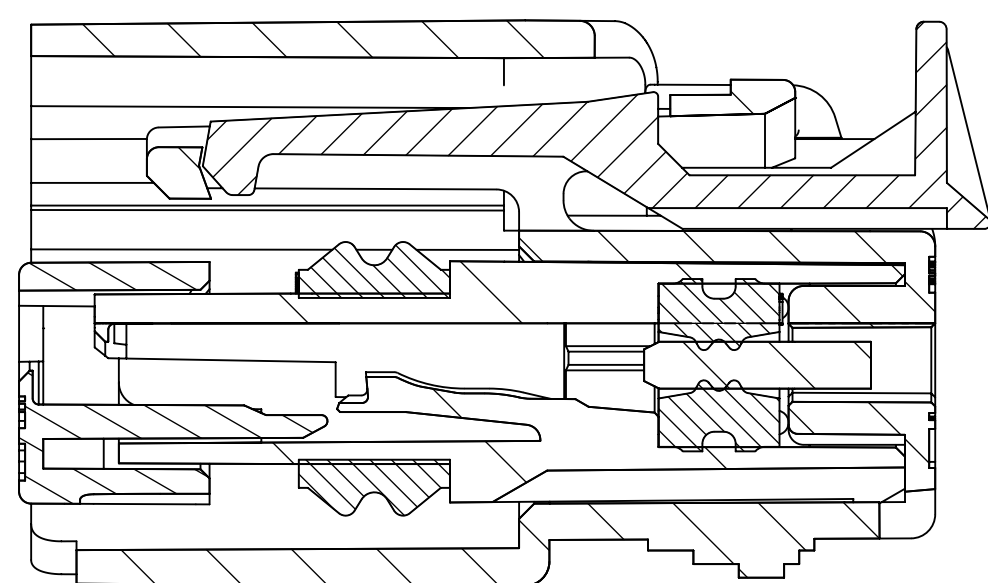
3140X-XXXX

- 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

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	DELETE 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

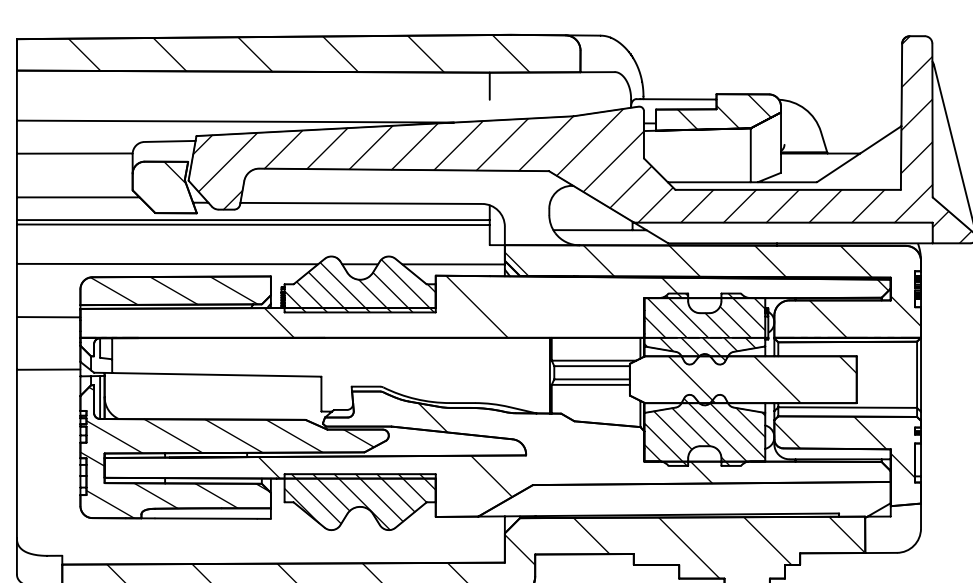
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
FUNCTIONAL SYMBOLS  = 0  = 0  = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: MX64 - 1x3 CVP PNs added			molex 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY				
	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 Cotten 12-Mar-2025							
	ANGULAR TOL ± 3°											
	4 PLACES ± 0											
	3 PLACES ± 0		INITIAL REVISION: DRWN: RFC_PLMIMP 01-Mar-2004 APPR: PBERG 30-Sep-2004				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	2 PLACES ± 0.13						SD-31402-211		PSD	001	U8	
	1 PLACE ± 0.3											
	0 PLACES ± 0		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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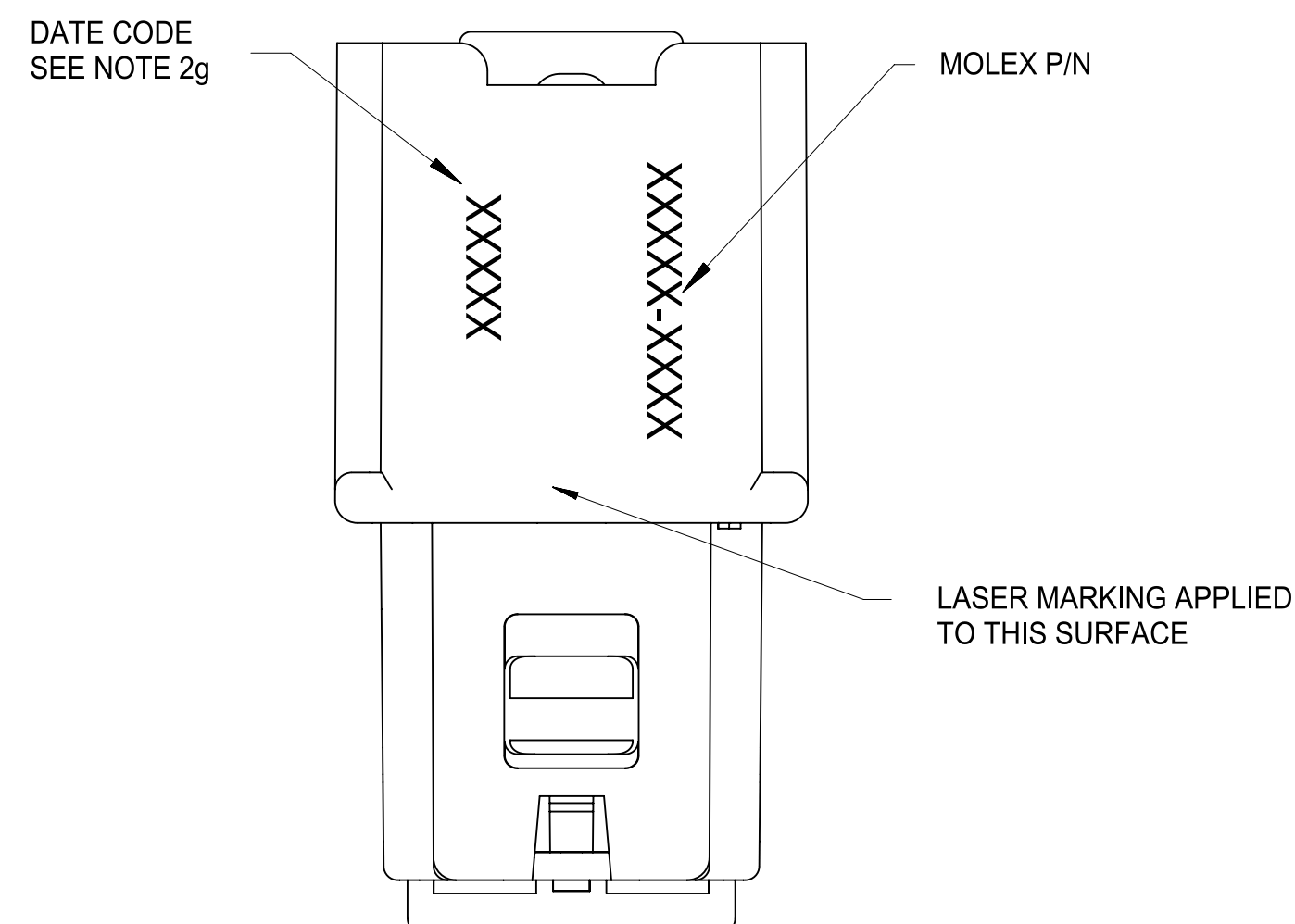


SECTION A-A

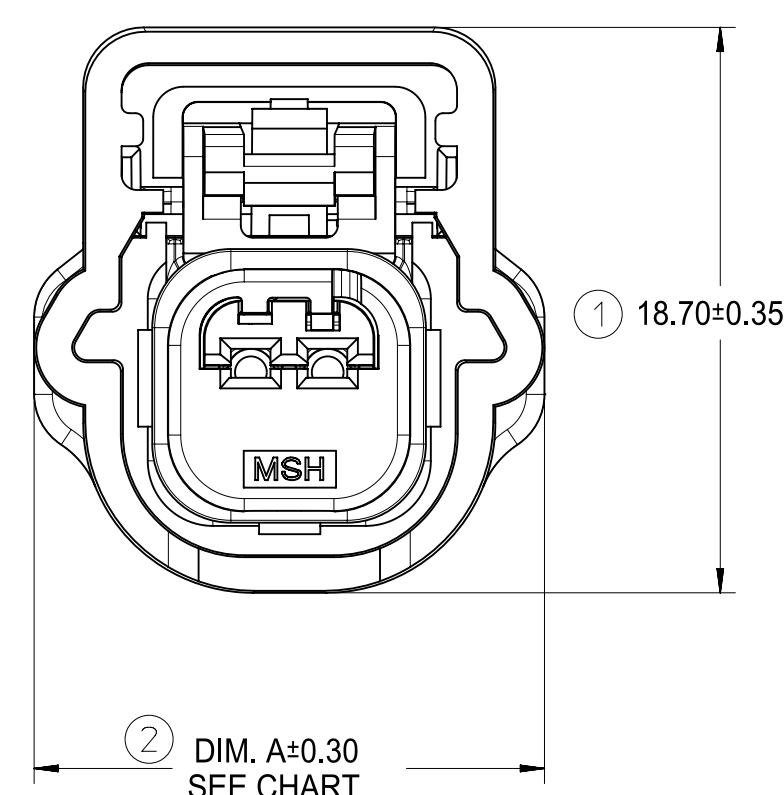
TPA SHOWN IN AS-SHIPPED
PRE-LOCKED POSITION
SEE NOTE 1c



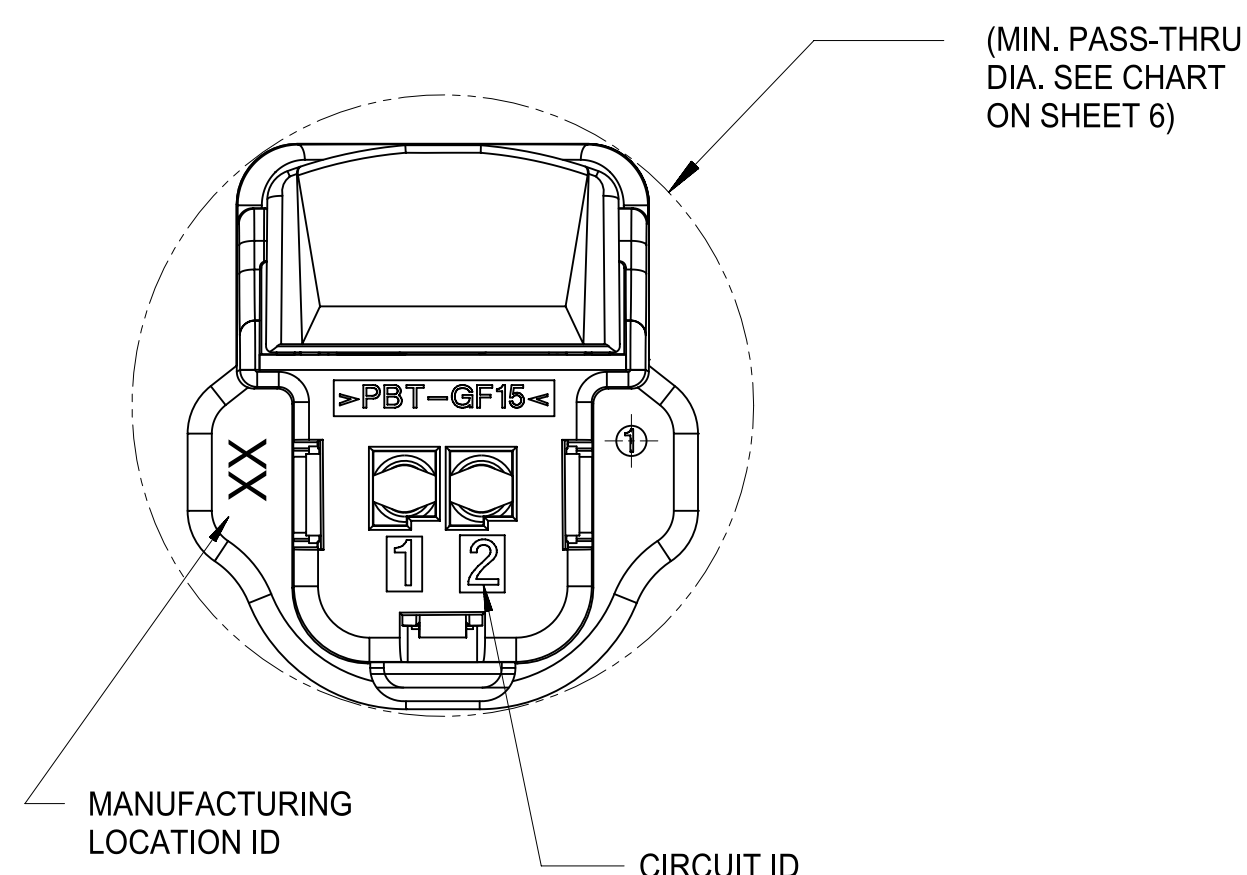
SECTION A-A

TPA SHOWN IN FINAL
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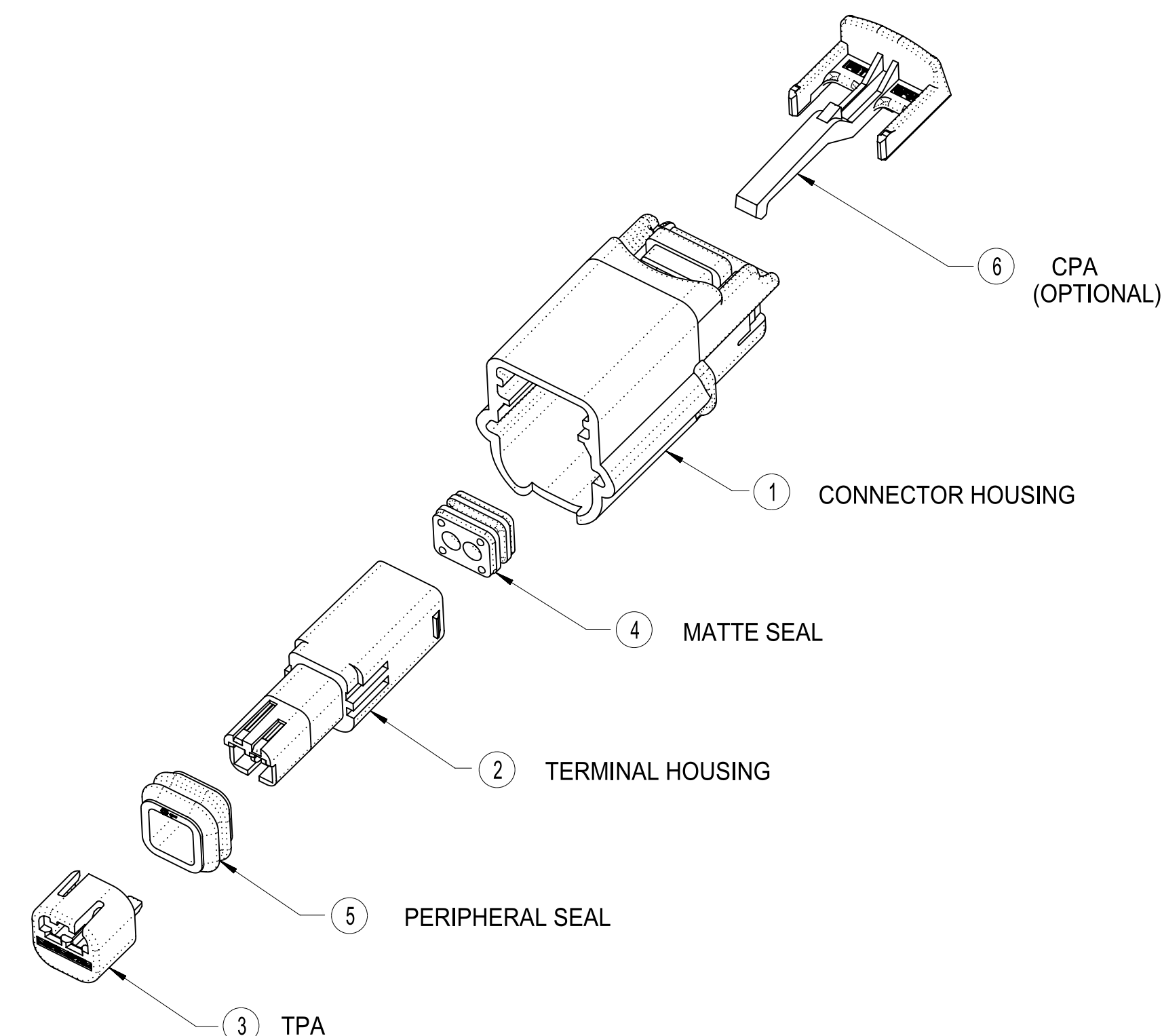
BOTTOM VIEW



RIGHT SIDE VIEW

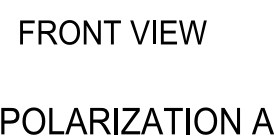
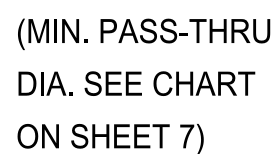
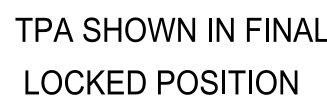
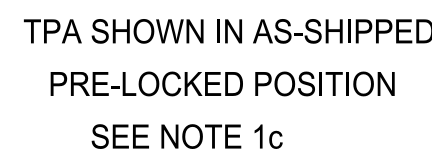


BACK VIEW



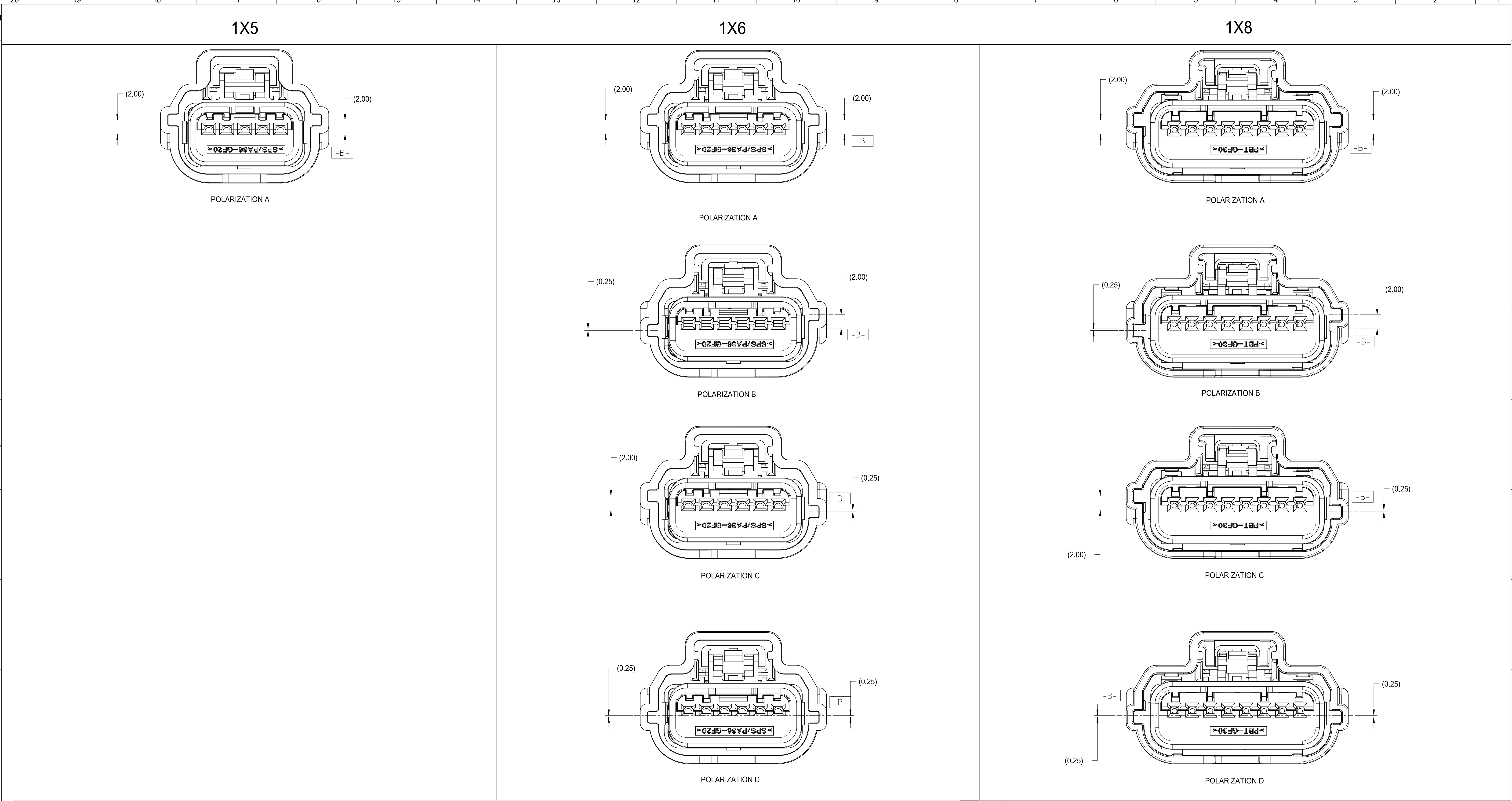
ITEM	DESCRIPTION	COLOR	MATERIAL
1	CONNECTOR HOUSING	SEE CHART	PBT GF15
2	TERMINAL HOUSING	BLACK	SPS/PA66 GF30
3	TPA	NATURAL	SPS/PA66 GF20
4	MATTE SEAL	SEE CHART	SILICONE RUBBER
5	PERIPHERAL SEAL	SEE CHART	SILICONE RUBBER
6	CPA - OPTIONAL	RED	PBT GF30

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



PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-31402-211	PSD	001	U8

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			molex 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY						
	MM		1:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± 3°														
DIVISIONAL SYMBOLS	4 PLACES ± 0		EC NO: CO-000021437			PRODUCT CUSTOMER DRAWING								
	3 PLACES ± 0		DRWN: Mario Gazca 07-Oct-2024											
	2 PLACES ± 0.13		CHK'D: MAURICIO RUIZ 27-Feb-2025											
	1 PLACE ± 0.3		APPR: Brittney Cotter 12-Mar-2025			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION				
	0 PLACES ± 0		INITIAL REVISION:			SD-31402-211		PSD	001	U8				
			DRWN: RFC_PLMIMP 01-Mar-2004											
		APPR: PBERG 30-Sep-2004												
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	



KEY CONFIGURATIONS

DOCUMENT STATUS	Production	RELEASE DATE	12-Mar-2025 02:34:41
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FUNCTIONAL SYMBOLS

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= 0

$\frac{F}{C}$

= 0

$\frac{F}{P}$

= 0

DIVISIONAL SYMBOLS

DIMENSION UNITS

MM

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 3°

4 PLACES ± 0

3 PLACES ± 0

2 PLACES ± 0.13

1 PLACE ± 0.3

0 PLACES ± 0

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

CURRENT REV DESC: MX64 - 1x3 CVP PNs added

EC NO: CO-000021437

DRWN: Mario Gazca 07-Oct-2024

CHK'D: MAURICIO RUIZ 27-Feb-2025

APPR: Brittney Cotter 12-Mar-2025

INITIAL REVISION:

DRWN: RFC_PLMIMP 01-Mar-2004

APPR: PBERG 30-Sep-2004

THIRD ANGLE PROJECTION

D-SIZE

SERIES

31402

0.64 USCAR CONNECTOR

SEALED SINGLE ROW ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-31402-211

DOC TYPE

PSD

DOC PART

001

REVISION

U8

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

GENERAL MARKET

5 OF 8

[illegible]

