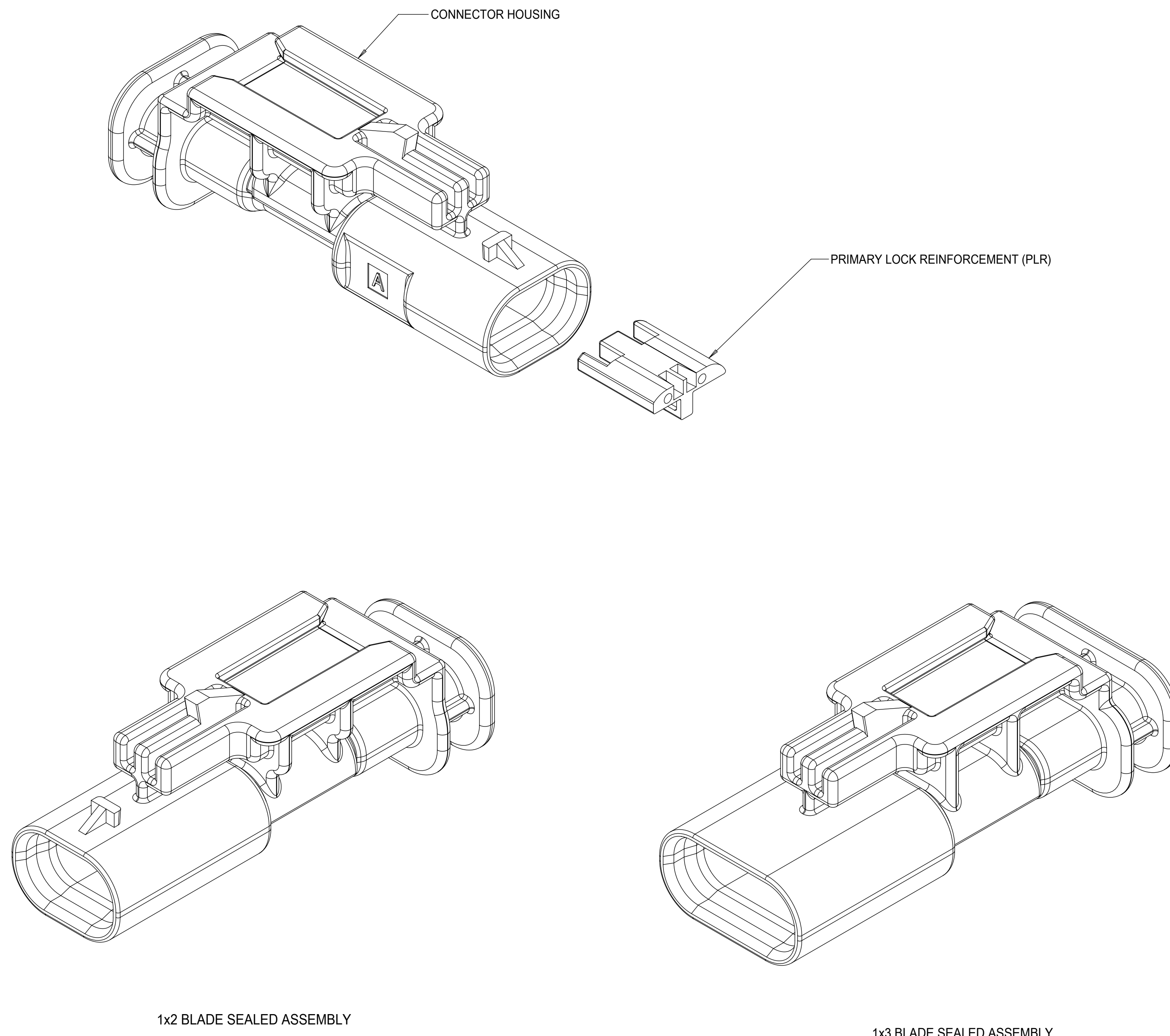


TABLE OF CONTENTS

SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	1x2 BLADE SEALED ASSEMBLY KEYING CONFIGURATIONS
3	1x3 BLADE SEALED ASSEMBLY KEYING CONFIGURATIONS
4	CLIP-SLOT CONFIGURATIONS
5	BLADE SEALED ASSEMBLY
6	CONNECTION SYSTEM PACKAGING
7	WIRE DRESS COVER INTERFACE OPTIONS
8	1x2 BLADE SEALED ASSEMBLY BOM INTERFACE OPTION 1
9	1x2 BLADE SEALED ASSEMBLY BOM INTERFACE OPTION 2
10	1x3 BLADE SEALED ASSEMBLY BOM INTERFACE OPTION 1
11	1x3 BLADE SEALED ASSEMBLY BOM INTERFACE OPTION 2



1x2 BLADE SEALED ASSEMBLY

1x3 BLADE SEALED ASSEMBLY

NOTES: VALID UNLESS OTHERWISE SPECIFIED

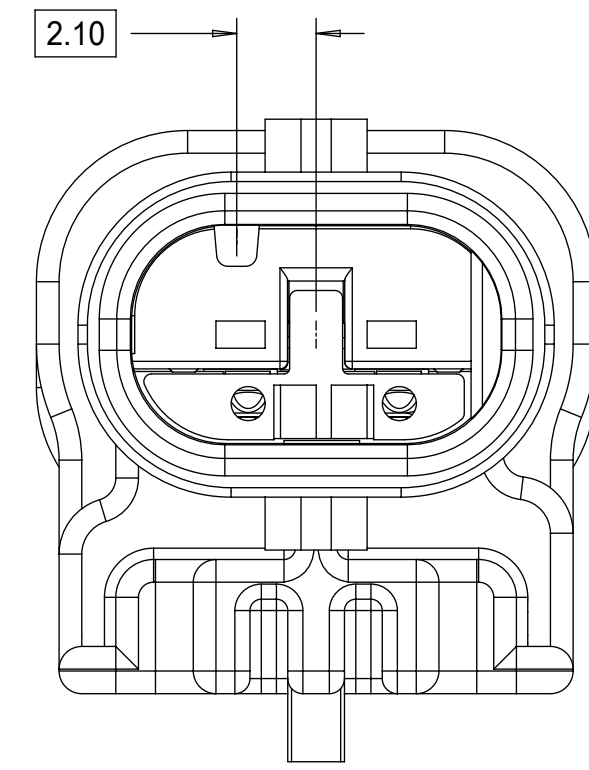
- GENERAL:
  - APPLICATION SPECIFICATION SEE: AS-34900-0001  
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
  - PRODUCT SPECIFICATION SEE: PS-34900-0001  
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
  - PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31301-898
  - PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
  - DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
- DESIGN - MATERIALS:
  - SEE BOM TABLE
- DESIGN - GEOMETRY:
  - THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
  - GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
  - EDGES AND UNDIMENSIONED DETAILS PER ISO13715
  - CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
  - LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION.
  - VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
  - LASER MARKING:
    - PART NUMBER
    - DAY OF THE YEAR
    - SHIFT
    - YEAR

A17	NOTE ADDED ON PRESENCE OF SHARKFINS
A16	CHANGED PNs TO OBSOLETE STATUS
A15	- NX-REMASTERING FROM MODEL MANAGER - 1x2 KEY C MOVED TO SALEABLE - 1X3 WDC INTERFACE 2 PART NUMBERS UPDATED TO MATCH E-DRAWING
A14	CORRECTED CHARTED DIMENSION 3 FOR 1X3 11MM CLIPSLOT
A13	1x3 KEY A&B SALEABLE (NON 40G)
A12	1X2 KEYS A&B W/ WDC SALEABLE
A11	CORRECTED REVISION LOG
A10	1X2,1X3 WIRE DRESS FEATURES OK TO TOOL
A9	1X2,1X3 PART # STATUS UPDATED
A8	1X2 40G CLIP-SLOT OK TO TOOL
A7	1X2,1X3 PART # UPDATED TO "TOOLED BUT NOT VALIDATED"
A6	ADDED 40G CLIP-SLOT PART NUMBERS
A5	BOM CORRECTIONS AND UPDATES
A4	BOM CORRECTIONS AND UPDATES
A3	1x2, 1x3 NON-SIR PART# OK TO TOOL
A2	ADDED 1x3 11mm CLIP-SLOT PART #
A	ADDED BLACK PART# AND MINOR BOM UPDATES
6	ADDED CLIP SLOT CONFIGURATIONS
5	1X3 BOM UPDATED
4	1X3 INLINE ASSY VIEWS ADDED
3	MINOR BOM CORRECTIONS
2	UPDATED PACKAGING DIMENSIONS
1	INITIAL RELEASE
REV	DESCRIPTION

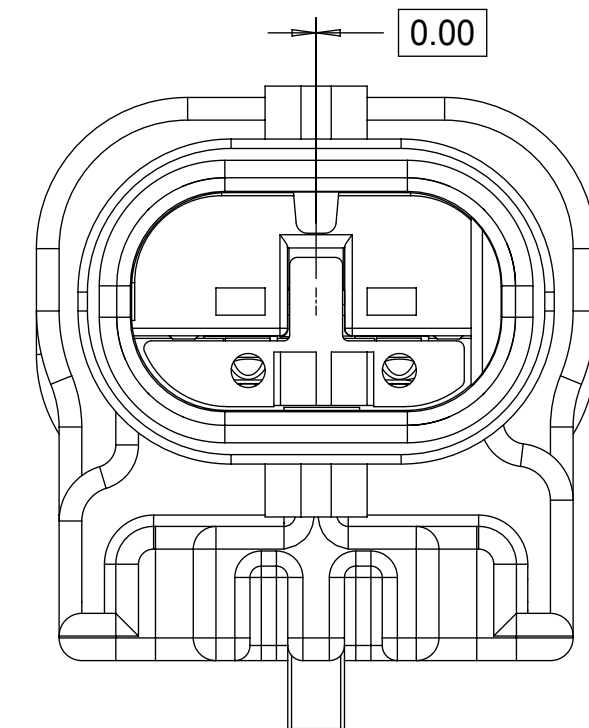
INSPECTION NUMBER LOG  
LAST NUMBER USED:  
ADDED:  
REMOVED:

QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS		SCALE												
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= 0			3 PLACES ±		SKRAJENDRANA	2013/11/06											
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= 0	1 PLACE ± 0.2		APPR BY	DATE													
= 0	0 PLACES ± 0.5		DRAWING SIZE	THIRD ANGLE PROJECTION													
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		D														
= 0	A17		<table border="1"> <tr> <td>SERIES</td> <td>MATERIAL NUMBER</td> <td>CUSTOMER</td> </tr> <tr> <td>34899</td> <td>SEE BOM</td> <td>GENERAL MARKET</td> </tr> </table>			SERIES	MATERIAL NUMBER	CUSTOMER	34899	SEE BOM	GENERAL MARKET						
SERIES	MATERIAL NUMBER	CUSTOMER															
34899	SEE BOM	GENERAL MARKET															
<table border="1"> <tr> <td>RELEASE STATUS</td> <td>P1</td> <td>RELEASE DATE</td> <td>2020/09/15</td> <td>14:05:05</td> </tr> </table>			RELEASE STATUS	P1	RELEASE DATE	2020/09/15	14:05:05	<table border="1"> <tr> <td>DOCUMENT NUMBER</td> <td>DOC TYPE</td> <td>DOC PART</td> <td>SHEET NUMBER</td> </tr> <tr> <td>SD-34899-2001</td> <td>PSD</td> <td>001</td> <td>1 OF 11</td> </tr> </table>		DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER	SD-34899-2001	PSD	001	1 OF 11
RELEASE STATUS	P1	RELEASE DATE	2020/09/15	14:05:05													
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER														
SD-34899-2001	PSD	001	1 OF 11														

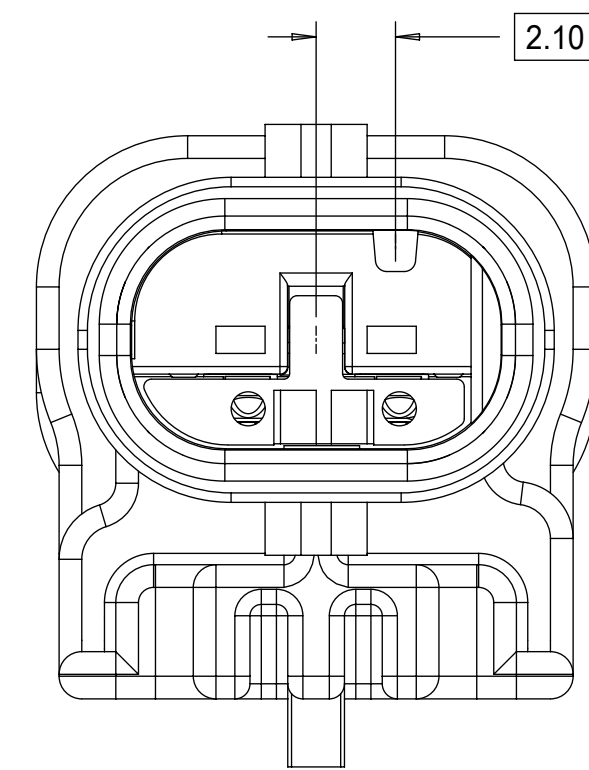
1x2 BLADE SEALED ASSEMBLY KEYING CONFIGURATIONS. FOR PART NUMBERS REFER TO BOM SHEET.



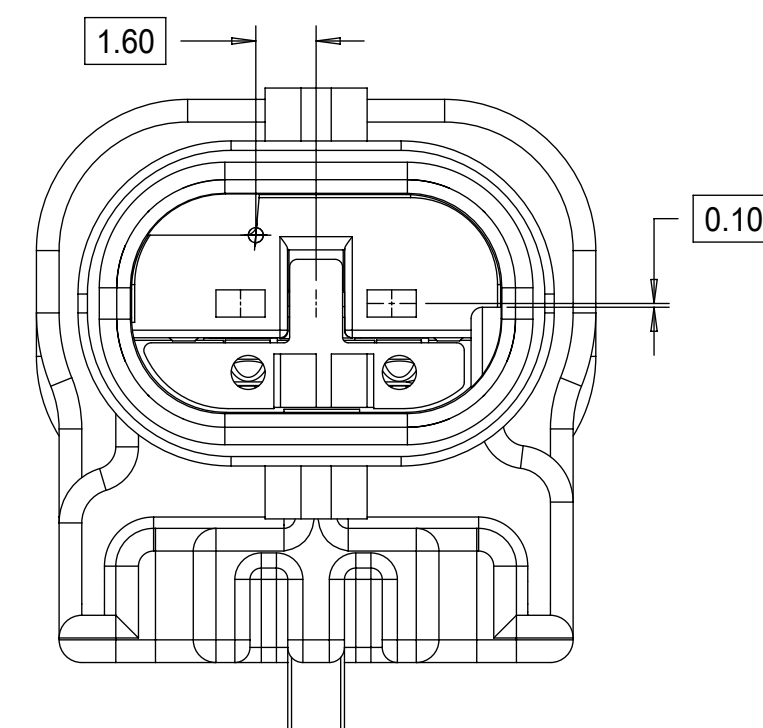
KEYING OPTION A



KEYING OPTION B



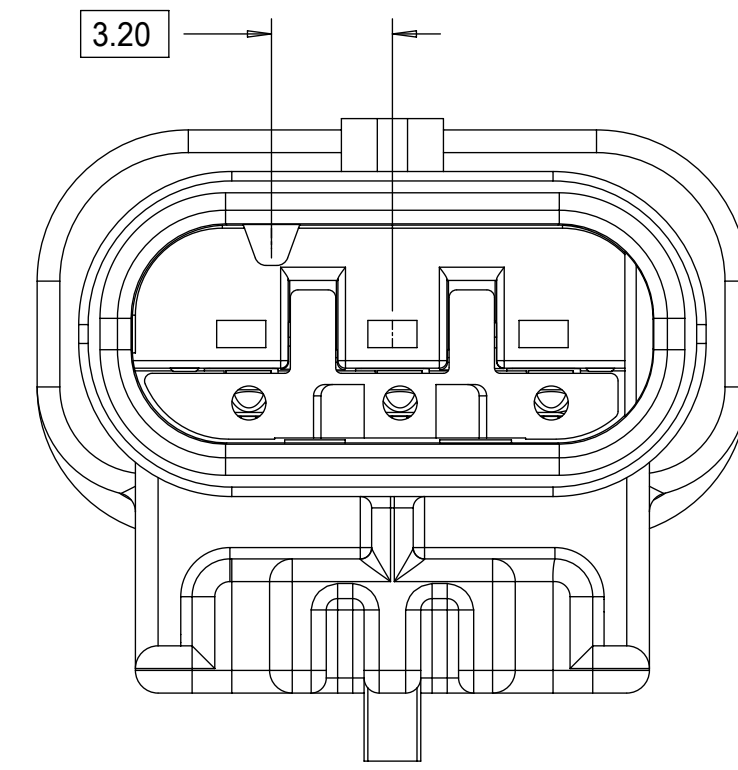
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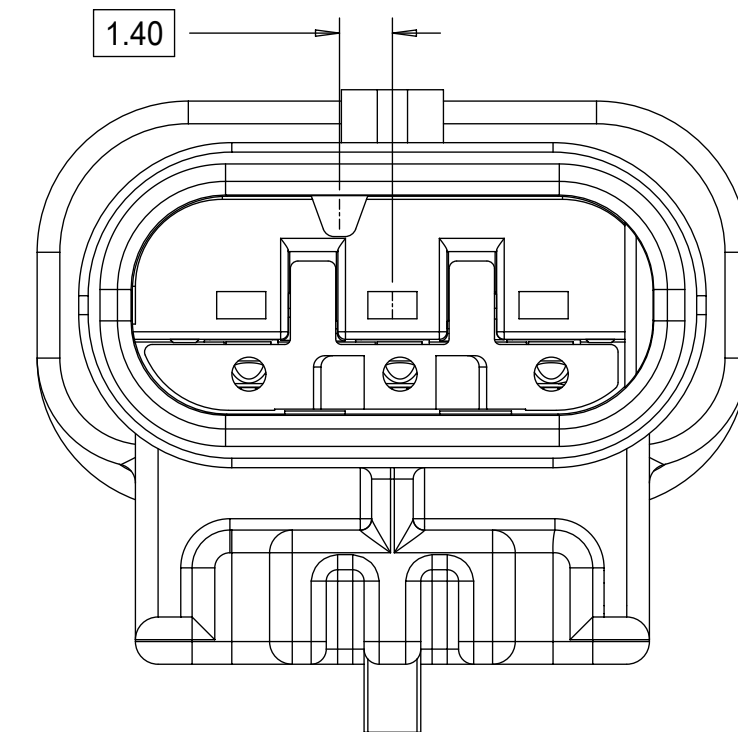
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<b>QUALITY SYMBOLS</b> □ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
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		3 PLACES ±			SKRAJENDRANA	2013/11/06					
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						SD-34899-2001	PSD	001	2 OF 11		

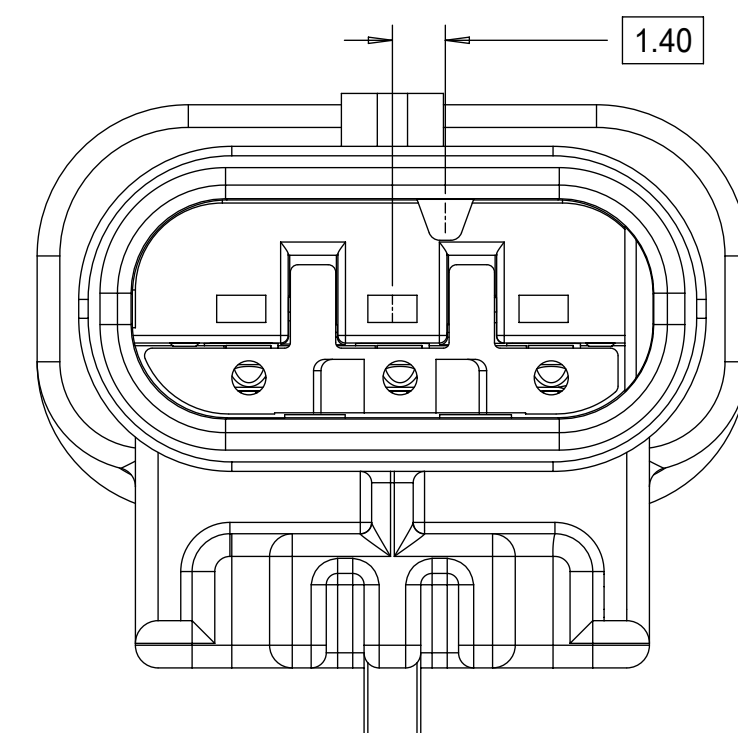
1x3 BLADE SEALED ASSEMBLY KEYING CONFIGURATIONS. FOR PART NUMBERS REFER TO BOM SHEET.



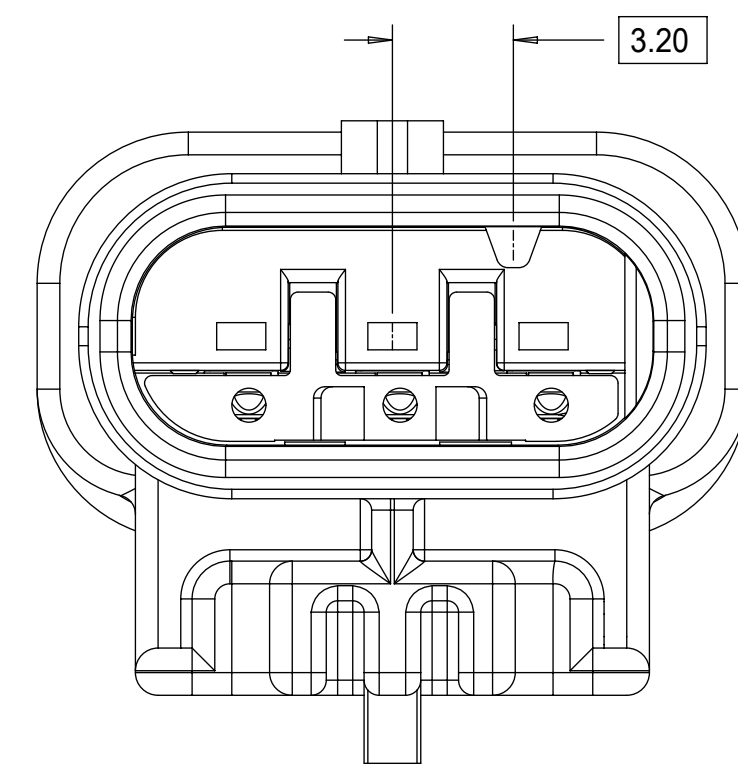
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KEYING OPTION B



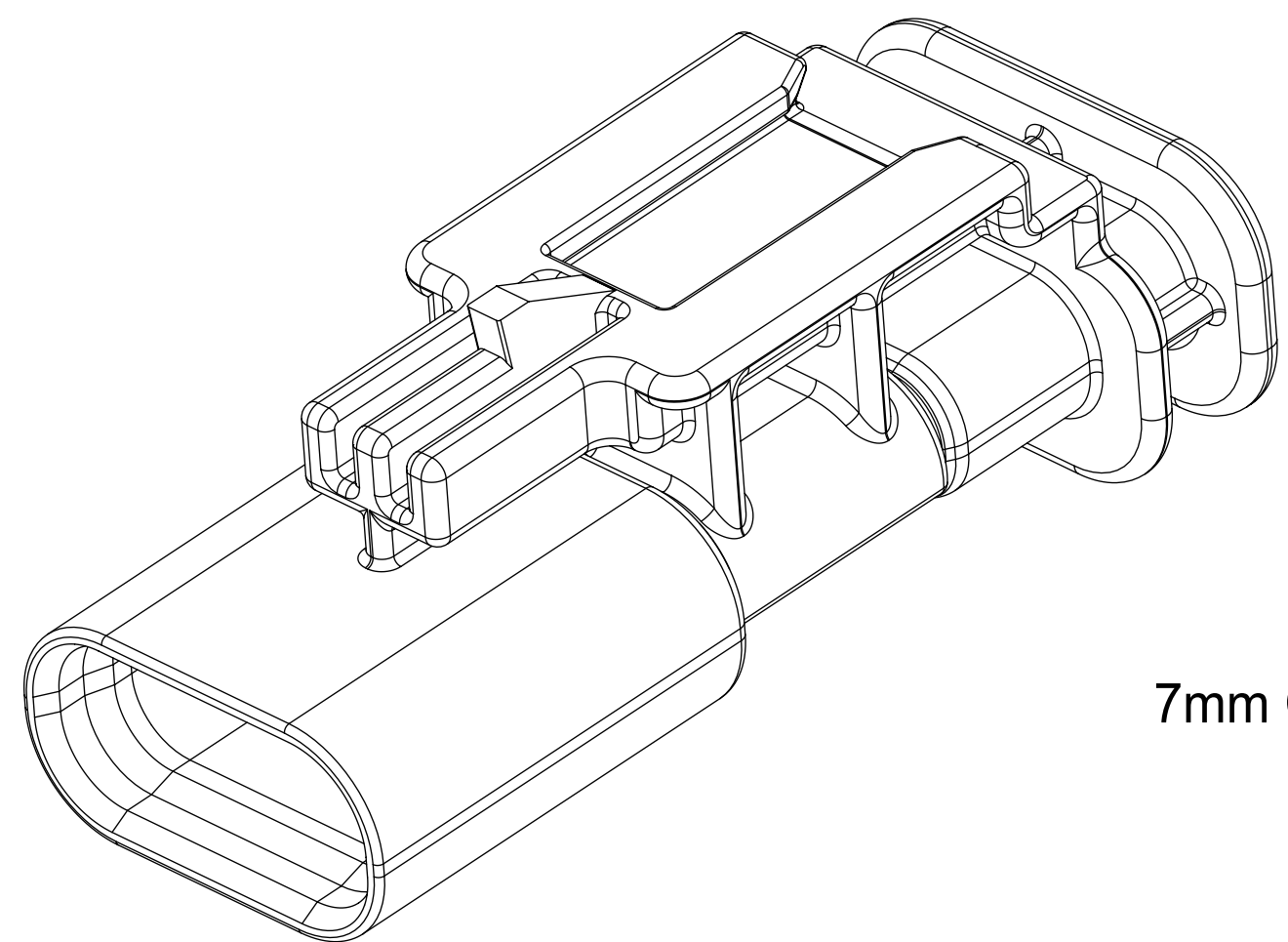
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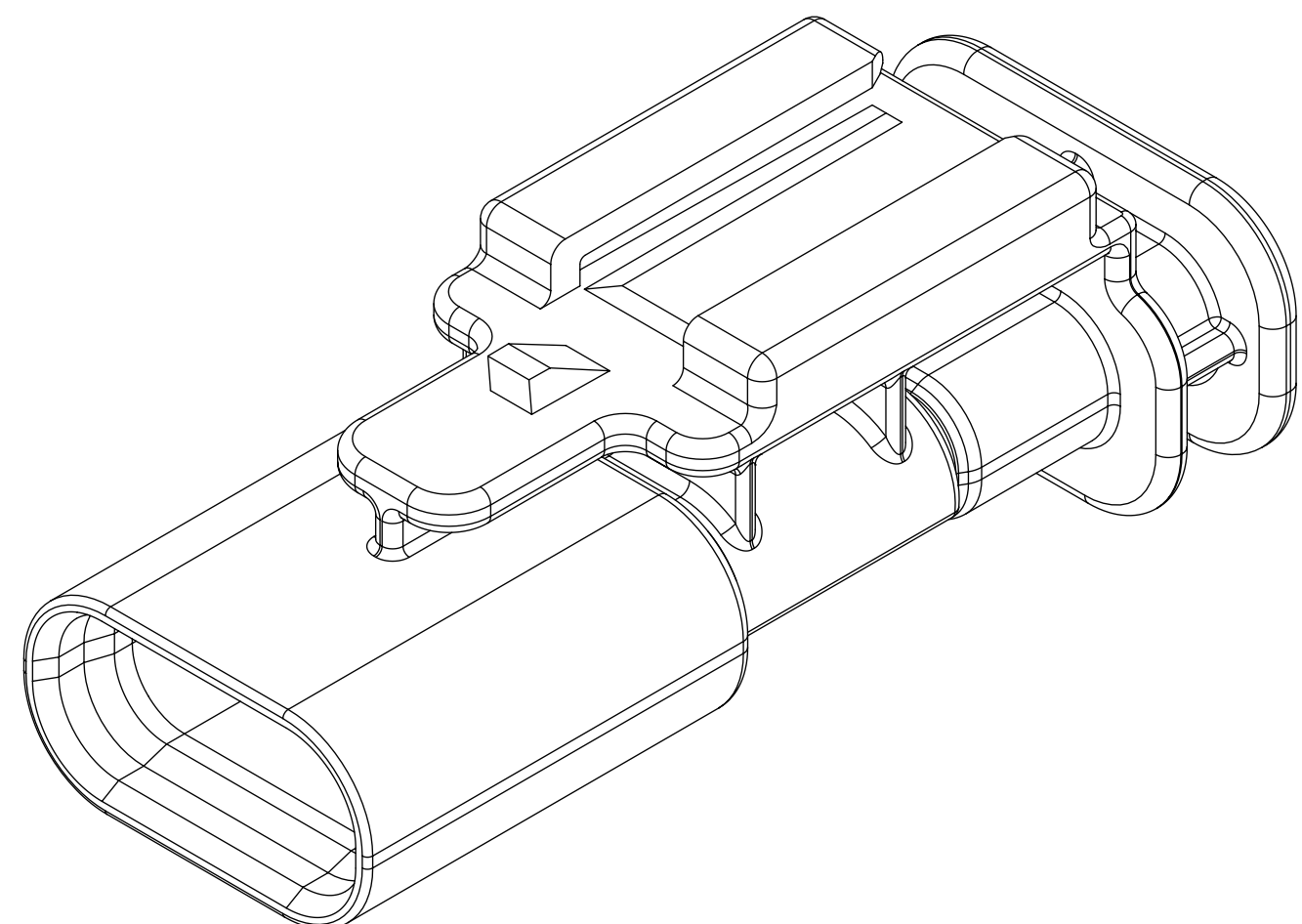
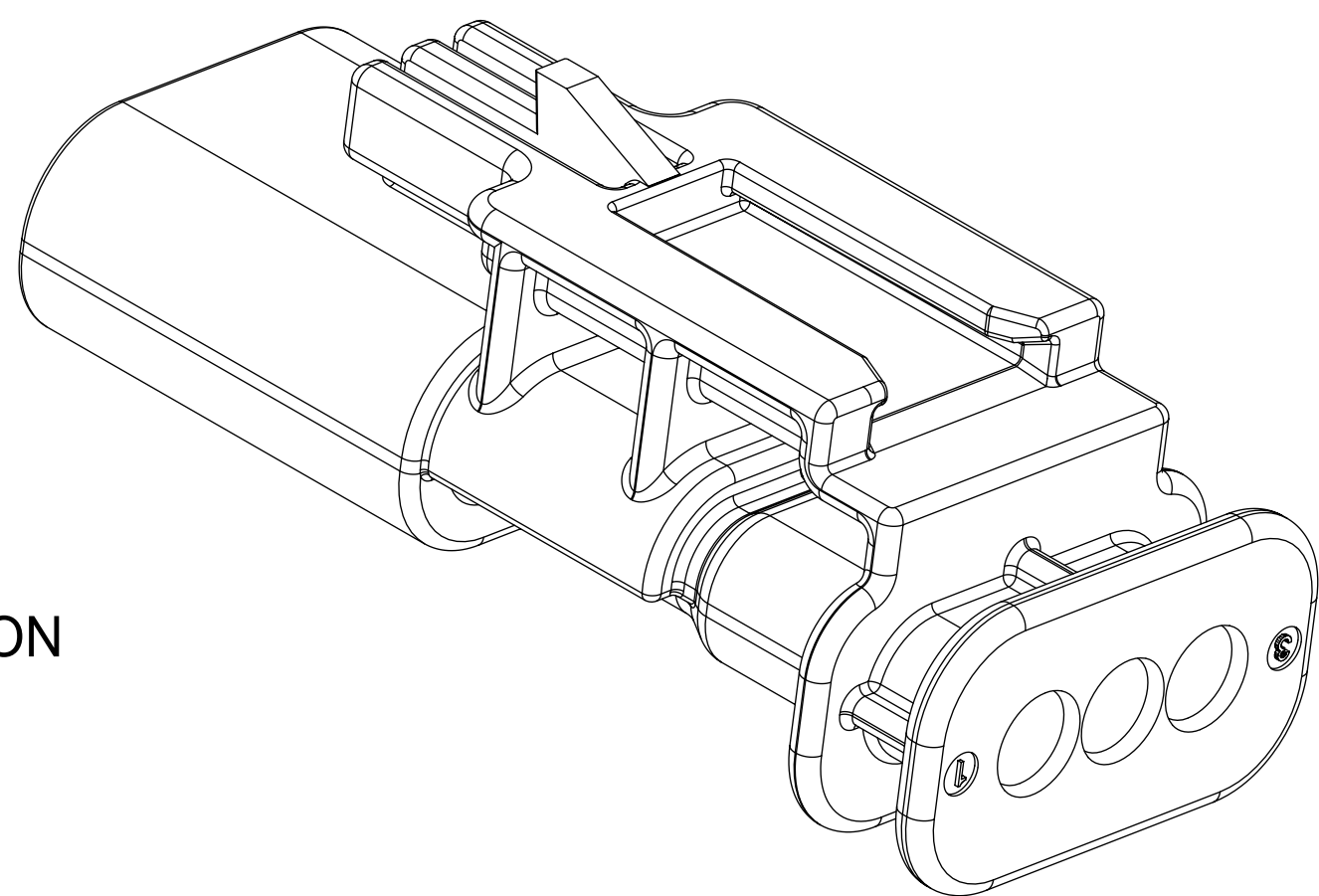
KEYING OPTION D

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						SD-34899-2001	PSD	001	3 OF 11		

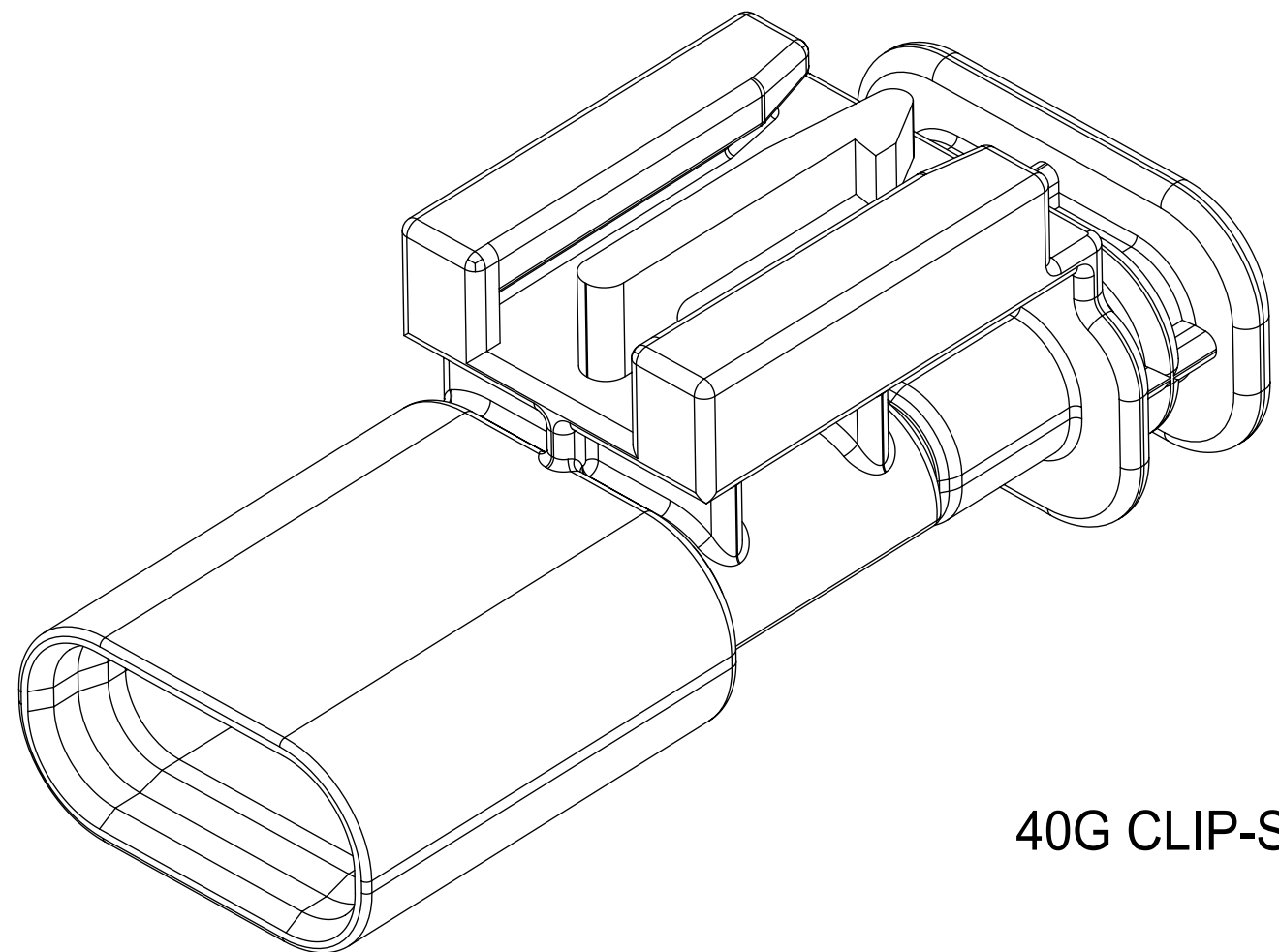
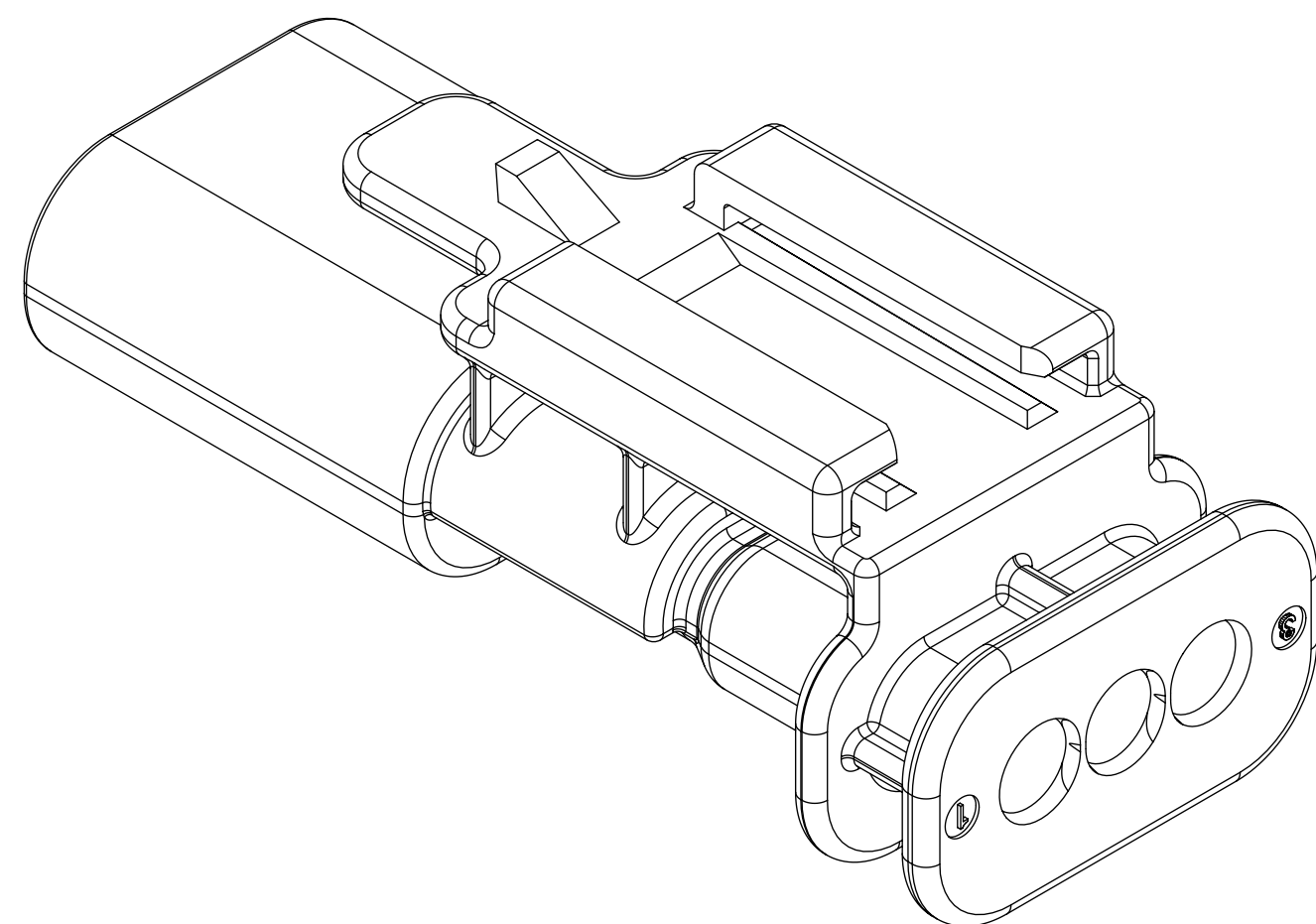
CLIP-SLOT CONFIGURATIONS. FOR PART NUMBERS REFER TO BOM SHEET.



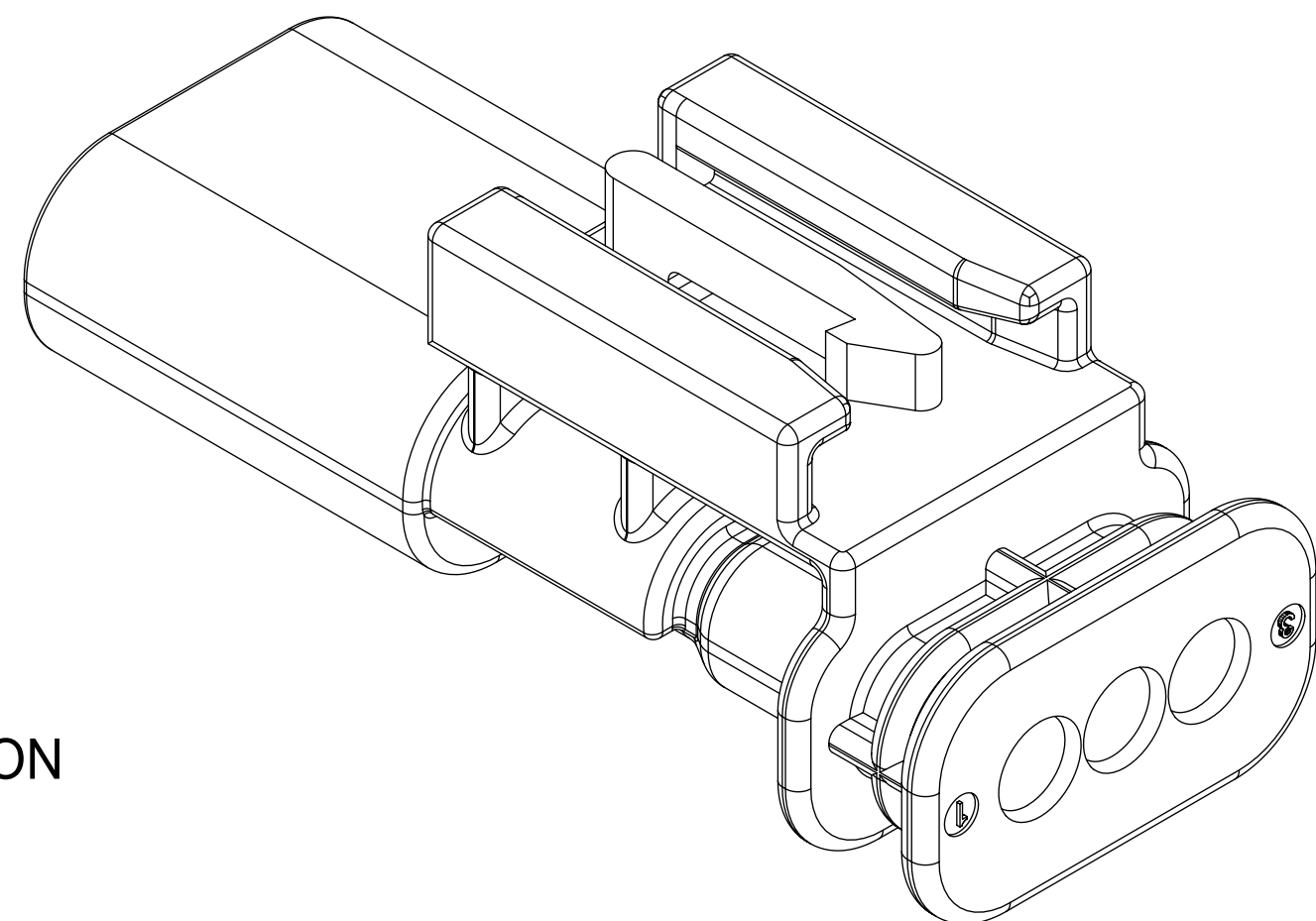
7mm CLIP-SLOT OPTION



11mm CLIP-SLOT OPTION

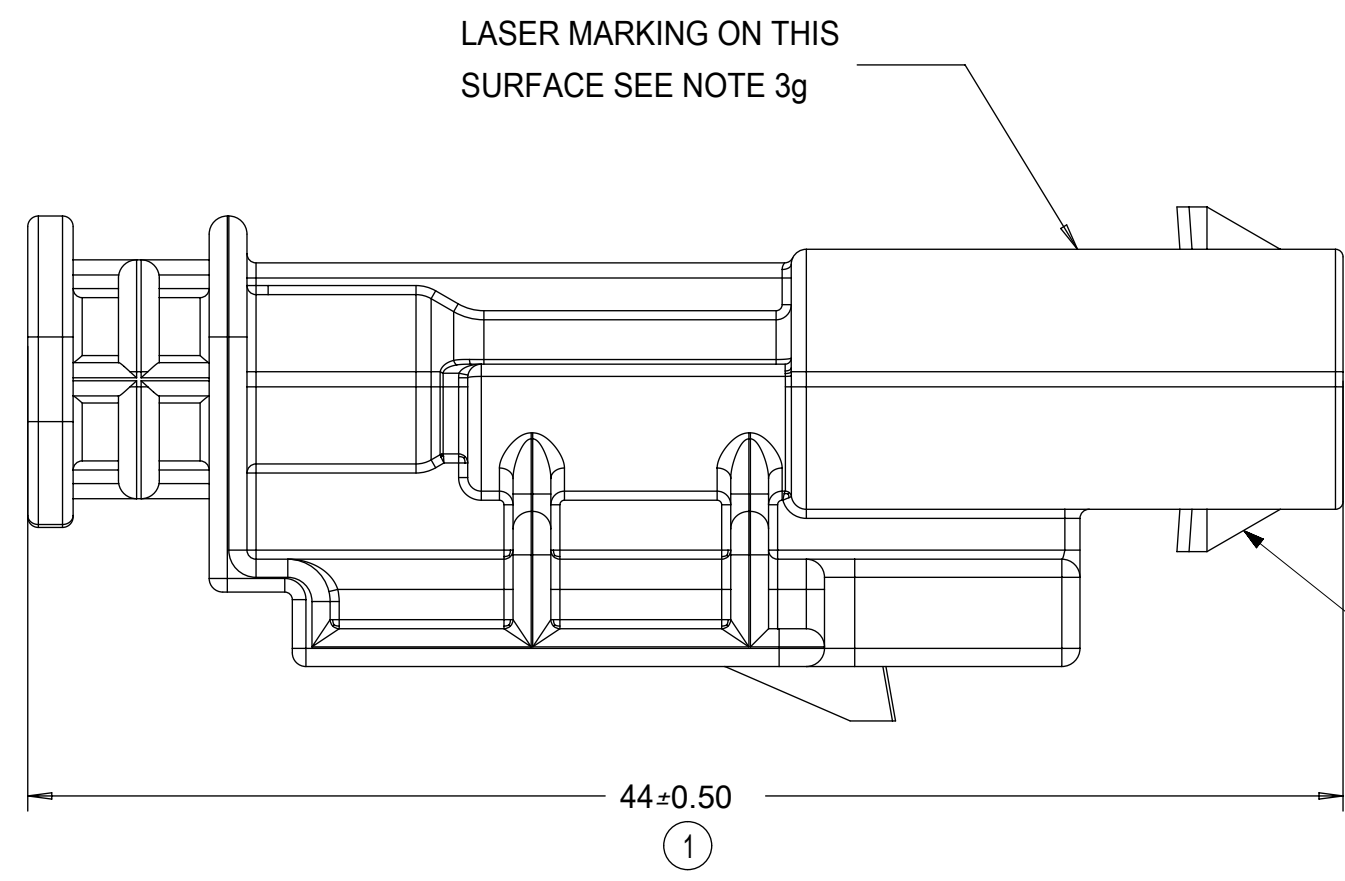


40G CLIP-SLOT OPTION

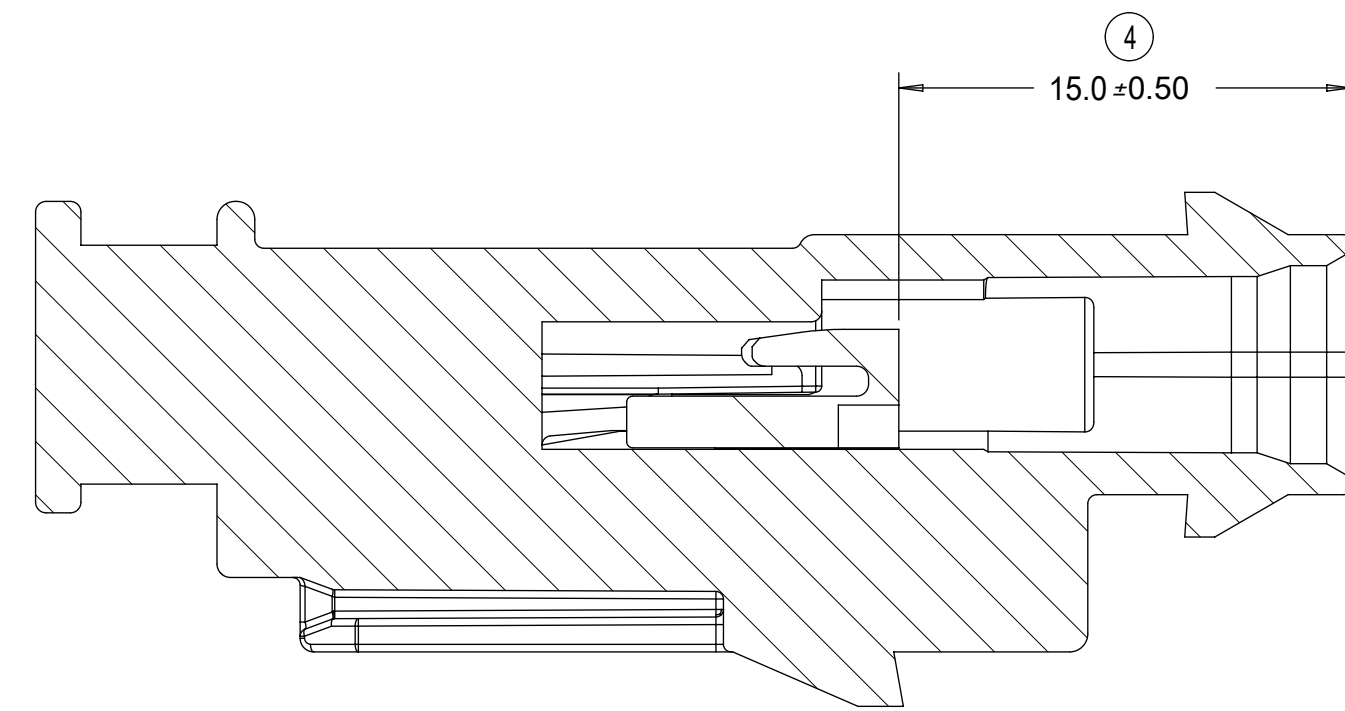
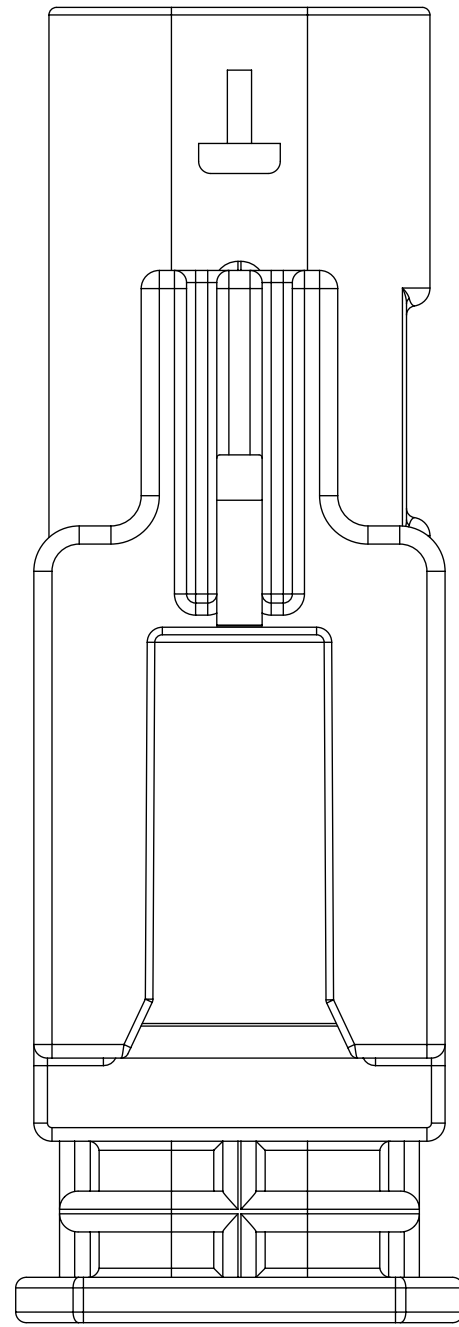
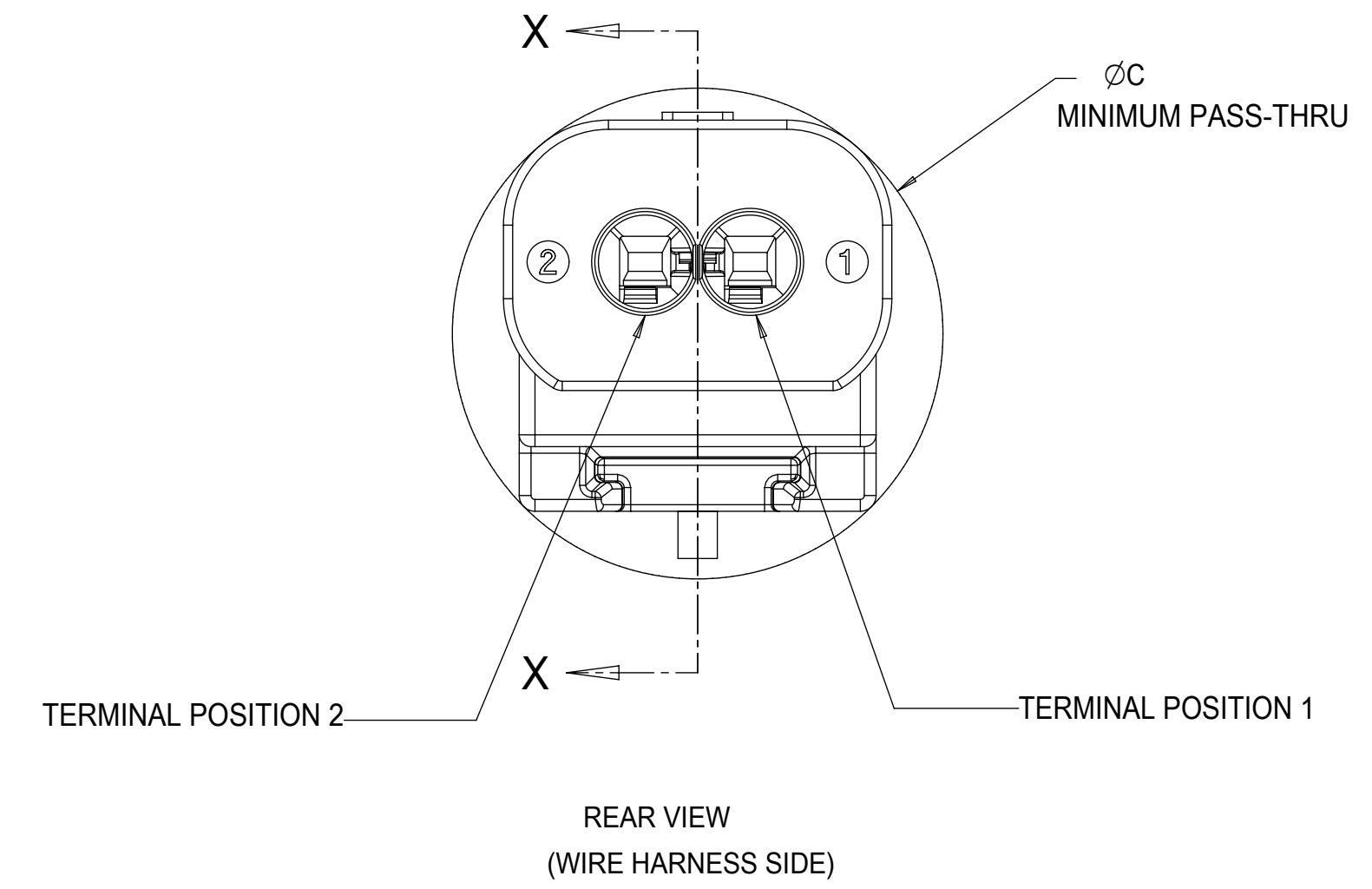
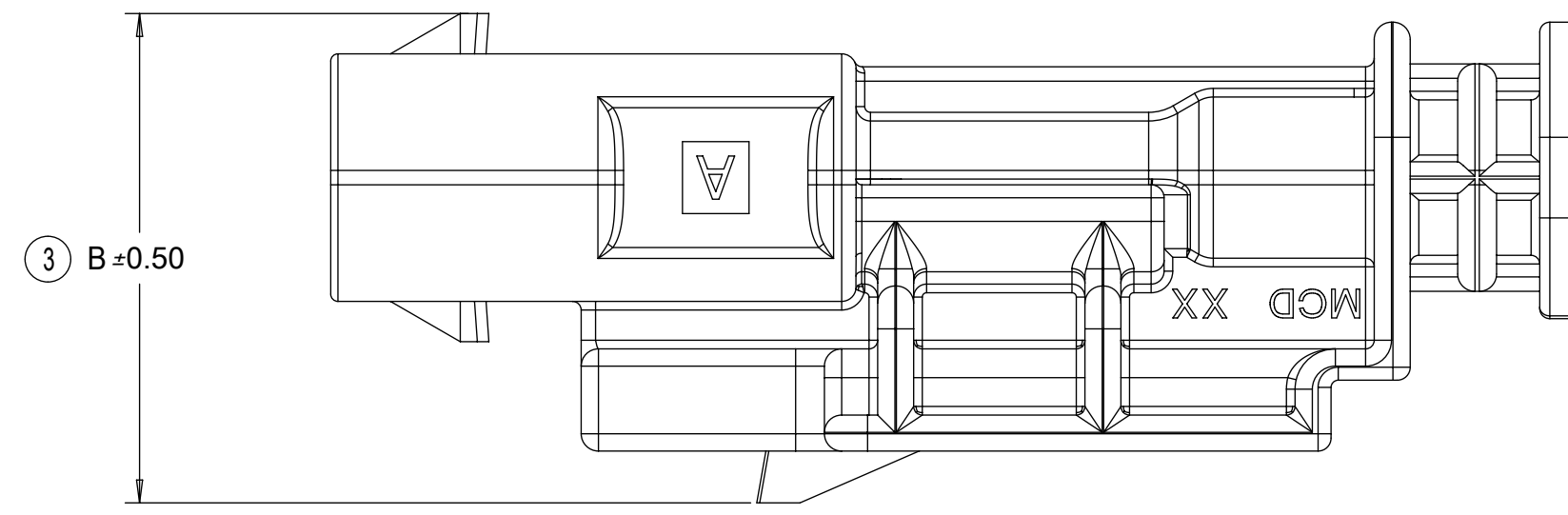
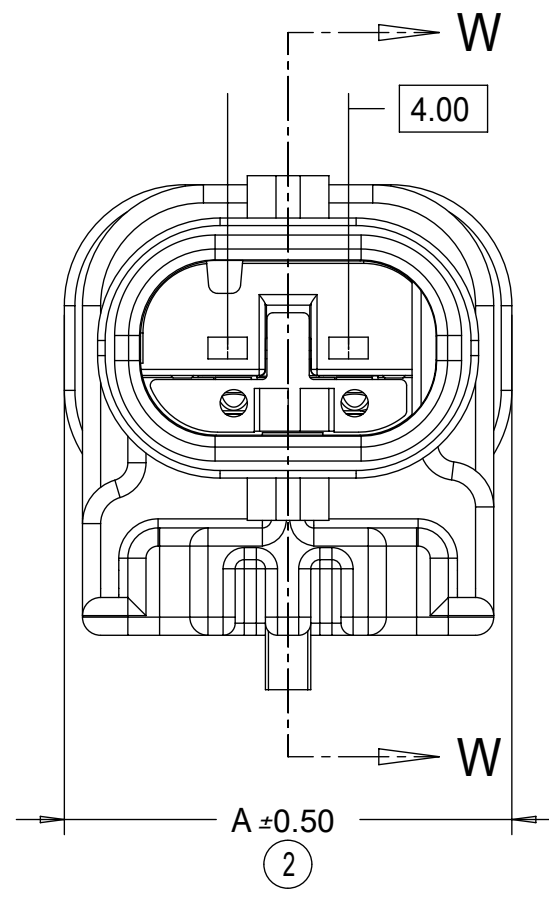


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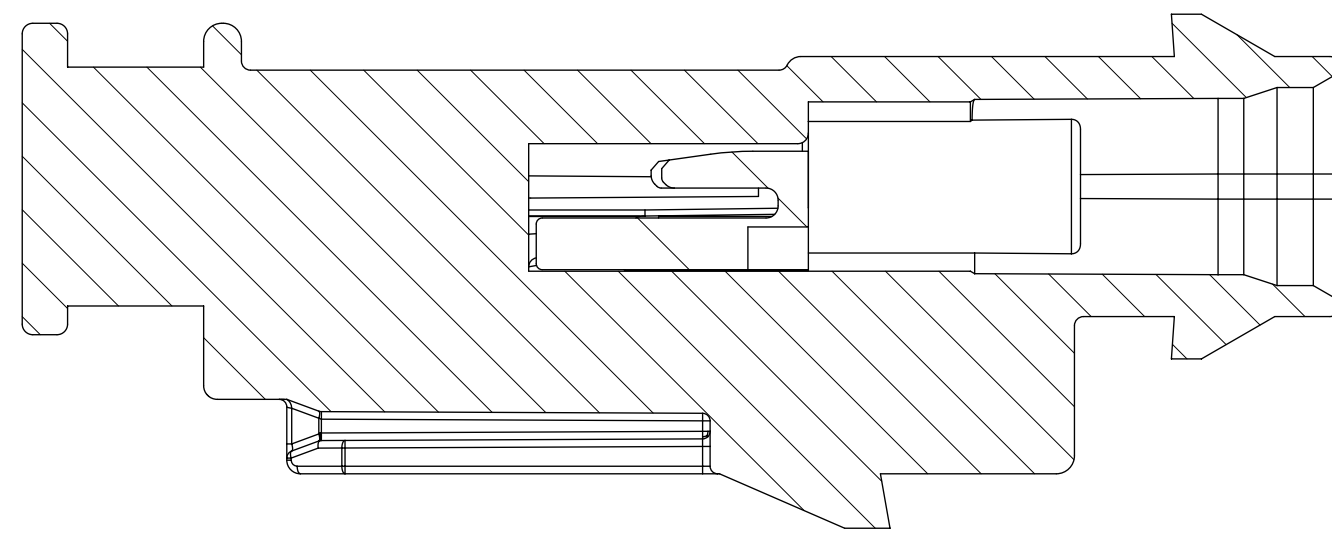
BLADE SEALED ASSEMBLY



SECOND SHARKFIN ONLY PRESENT ON 1X2 PNs



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN IN THE PRE-STAGED POSITION  
SECTION W-W

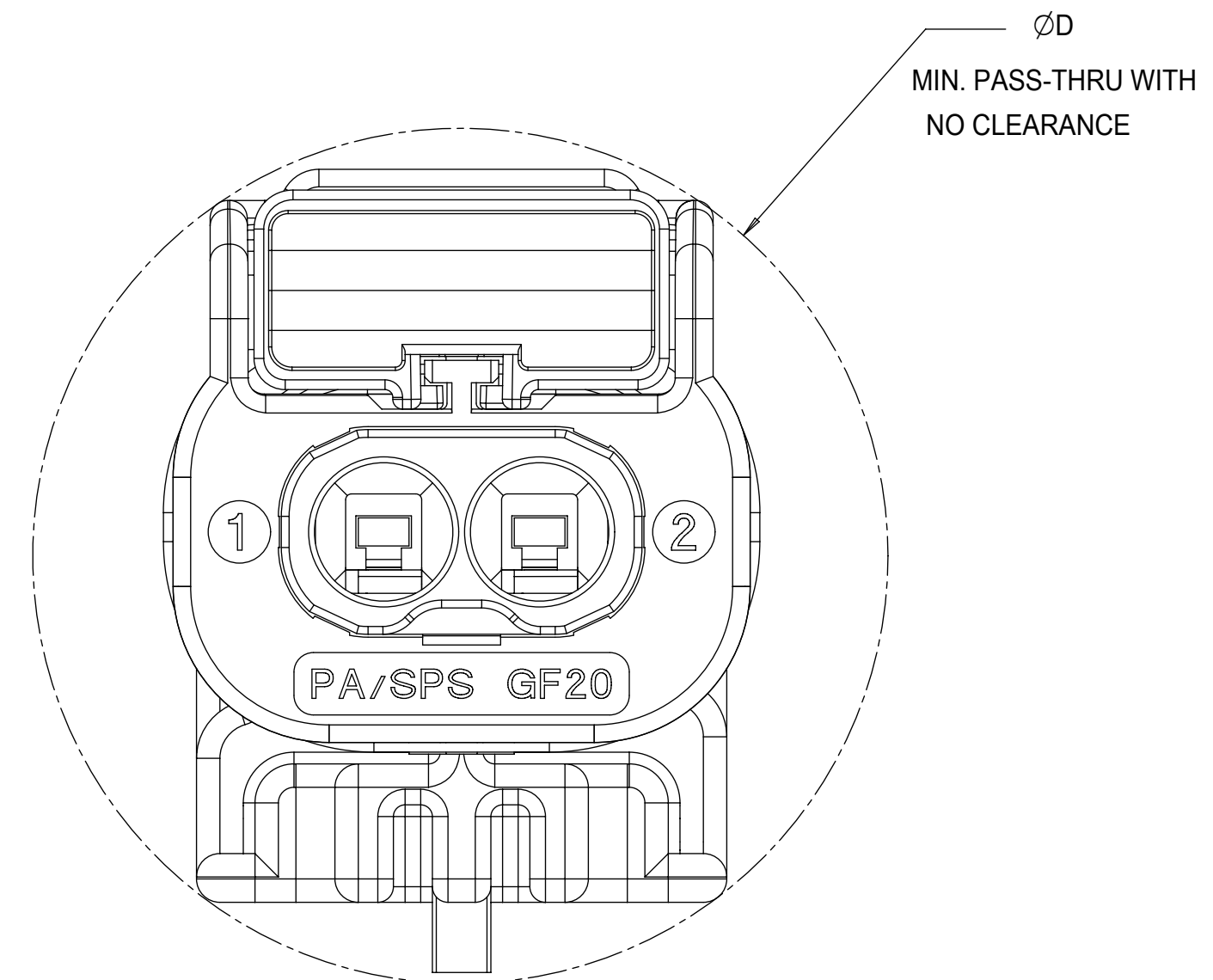
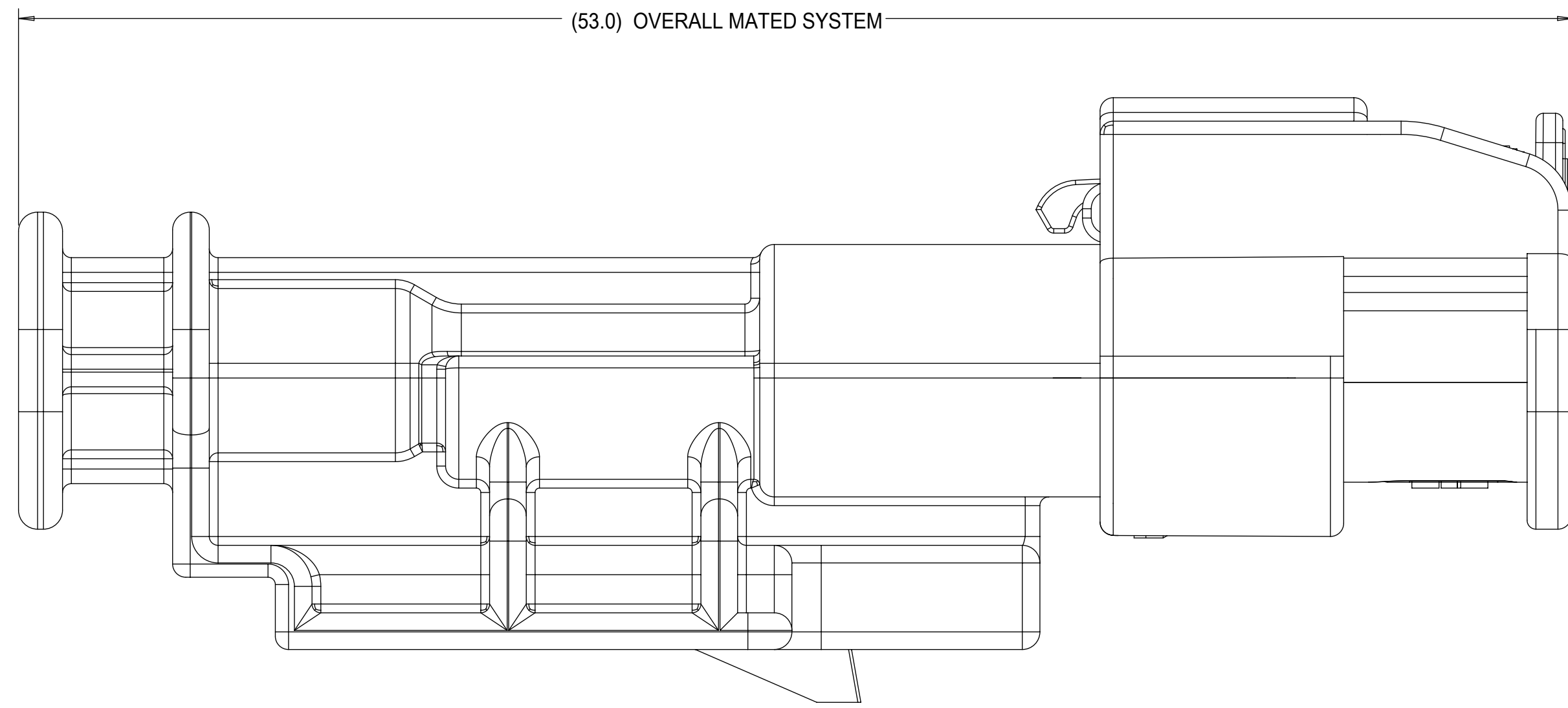


PRIMARY LOCK REINFORCEMENT (PLR) SHOWN IN THE FINAL-LOCK POSITION  
SECTION X-X

1x3 BLADE SEALED ASSEMBLY, 40G CLIP SLOT	19	16.75	21.75
1x3 BLADE SEALED ASSEMBLY, 11mm CLIP SLOT	19	14.6	20.75
1x3 BLADE SEALED ASSEMBLY, 7mm CLIP SLOT	19	17	20.5
1x2 BLADE SEALED ASSEMBLY, 40G CLIP SLOT	15	16.75	20.25
1x2 BLADE SEALED ASSEMBLY, 11mm CLIP SLOT	15	15.5	19
1x2 BLADE SEALED ASSEMBLY, 7mm CLIP SLOT	15	17	18.75
CONFIGURATION	A	B	C
CHARTED DIMENSIONS			

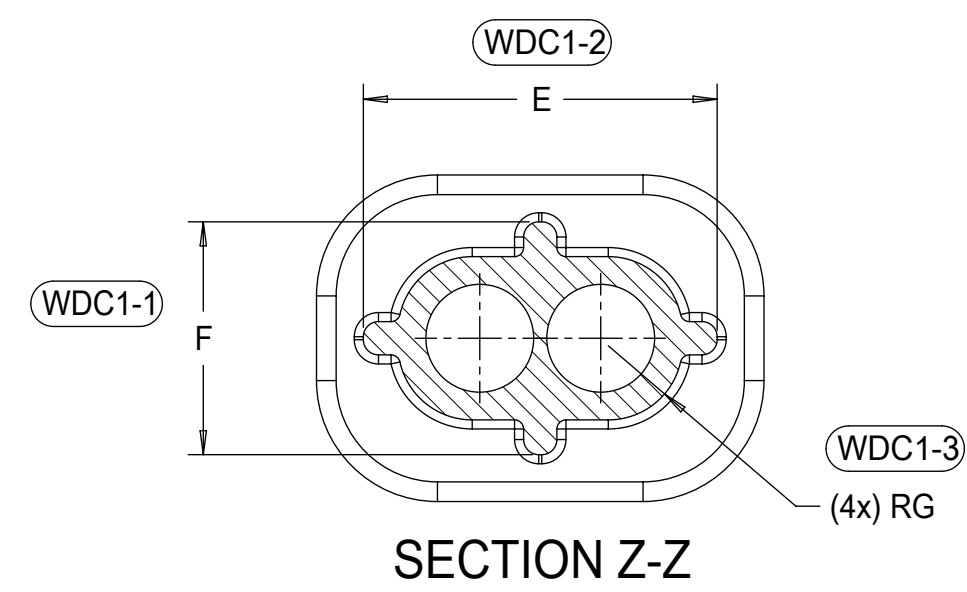
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# CONNECTION SYSTEM PACKAGING



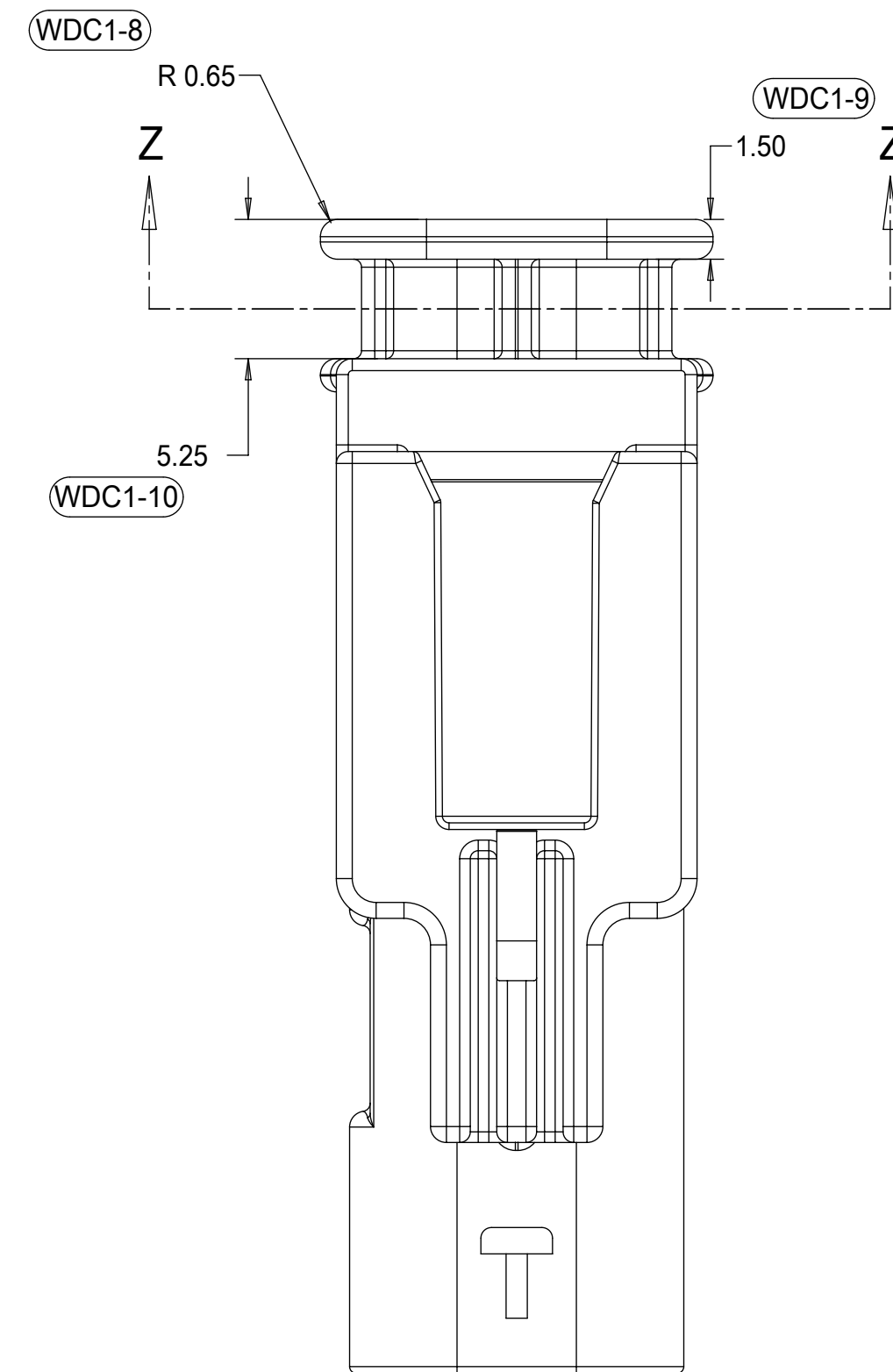
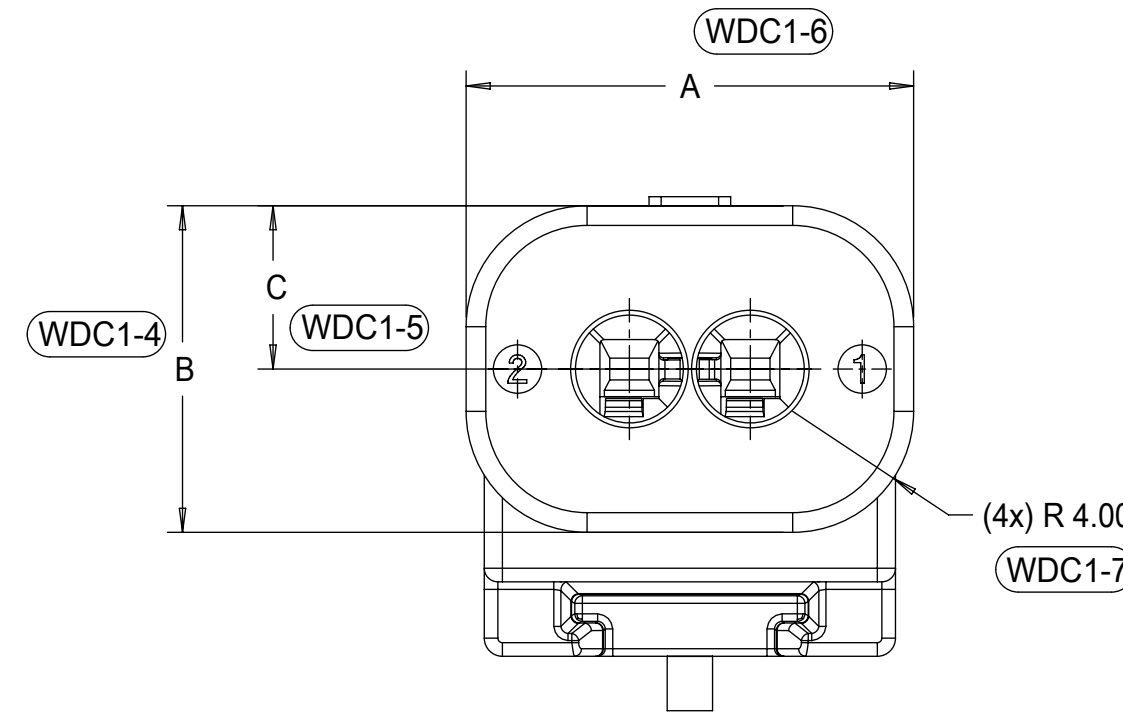
1x3 RECEPTACLE MATED TO 1x3 BLADE, 40 CLIP SLOT	TBD
1x3 RECEPTACLE MATED TO 1x3 BLADE, 11mm CLIP SLOT	24.0
1x3 RECEPTACLE MATED TO 1x3 BLADE, 7mm CLIP SLOT	23.0
1x2 RECEPTACLE MATED TO 1x2 BLADE, 40G CLIP SLOT	23.0
1x2 RECEPTACLE MATED TO 1x2 BLADE, 11mm CLIP SLOT	23.0
1x2 RECEPTACLE MATED TO 1x2 BLADE, 7mm CLIP SLOT	23.0
1.2mm CONNECTION SYSTEM CONFIGURATION	D
<b>CHARTED DIMENSIONS</b>	

<b>QUALITY SYMBOLS</b> □ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS <b>mm</b>	SCALE <b>6:1</b>	
	EC NO: 645203 DRWN: GELLIOTTO1 CHKD: MVANSLAMBROU REV APPR: MVANSLAMBROU	2020/09/11 2020/09/15 2020/09/15	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRWN BY SKRAJENDRANA	
			DRWN BY SKRAJENDRANA	DATE 2013/11/06	PRODUCT CUSTOMER DRAWING
			APPR BY	DATE	SERIES 34899
			DRAWING SIZE <b>D</b>	THIRD ANGLE PROJECTION	MATERIAL NUMBER <b>SEE BOM</b>
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					DOCUMENT NUMBER SD-34899-2001
					DOC TYPE PSD
					DOC PART 001
					SHEET NUMBER 6 OF 11

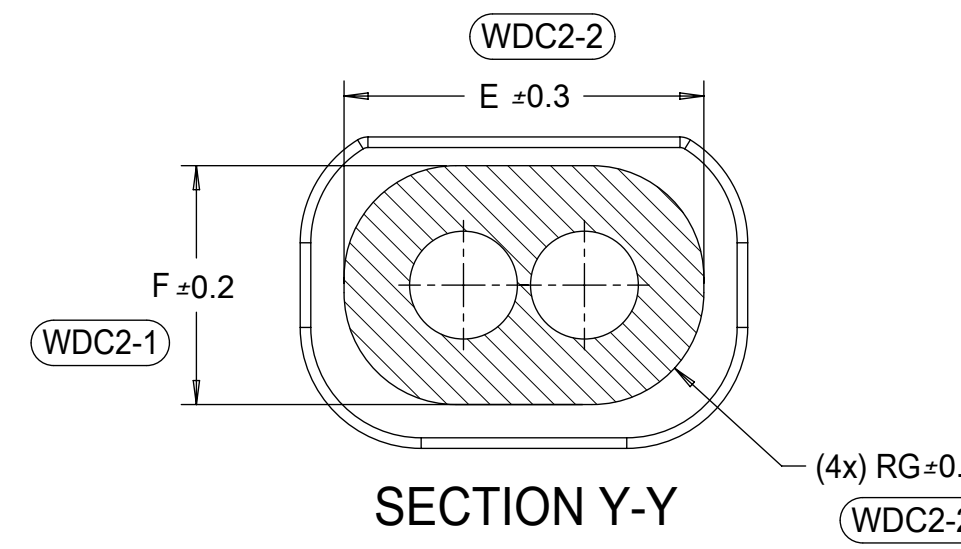


3 CIRCUIT	18.8	10.8	5.4	15.7	7.7	2.45
2 CIRCUIT	14.8	10.8	5.4	11.7	7.7	2.45
CONFIGURATION	A	B	C	E	F	G

CHARTED DIMENSIONS

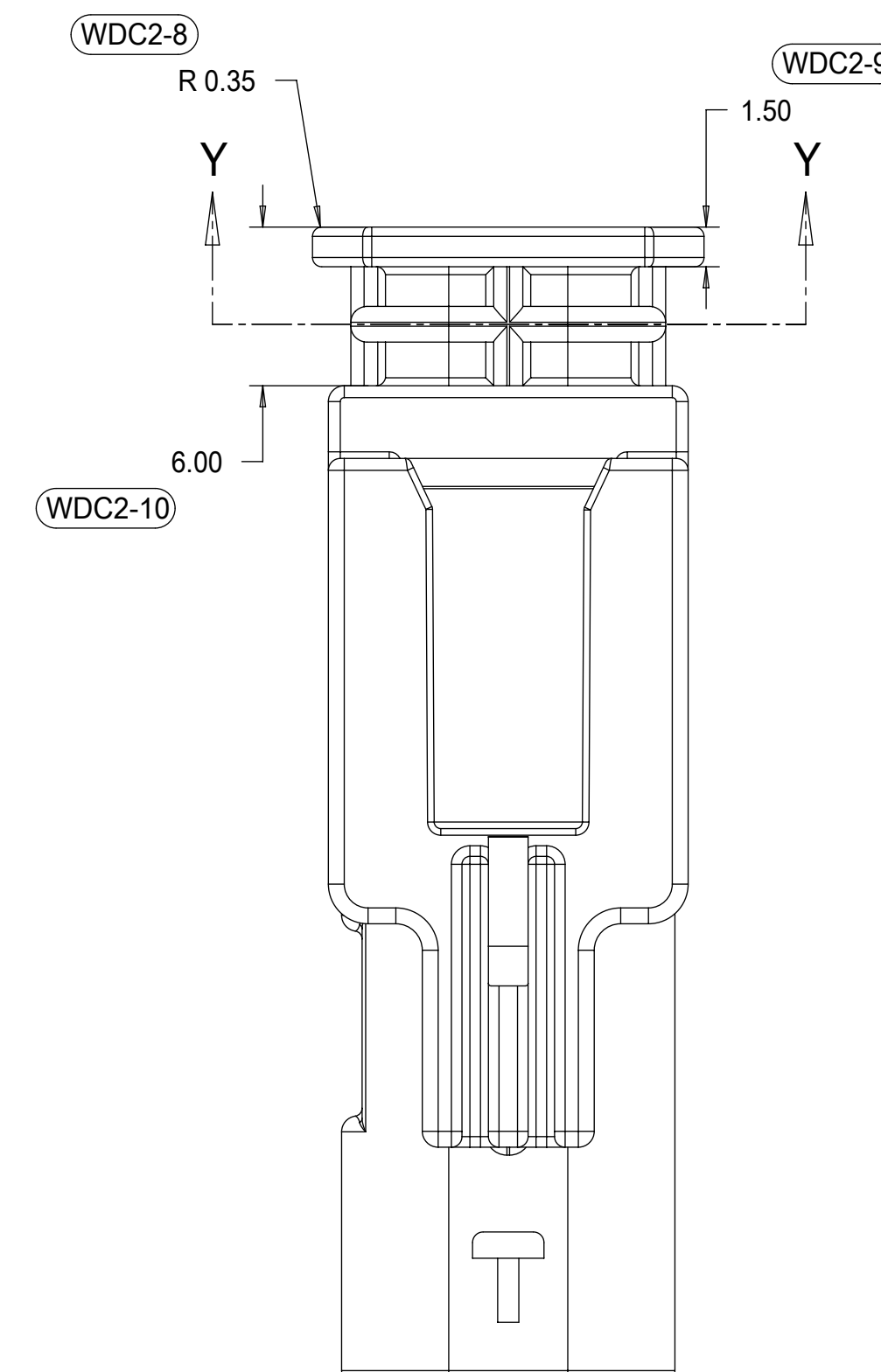
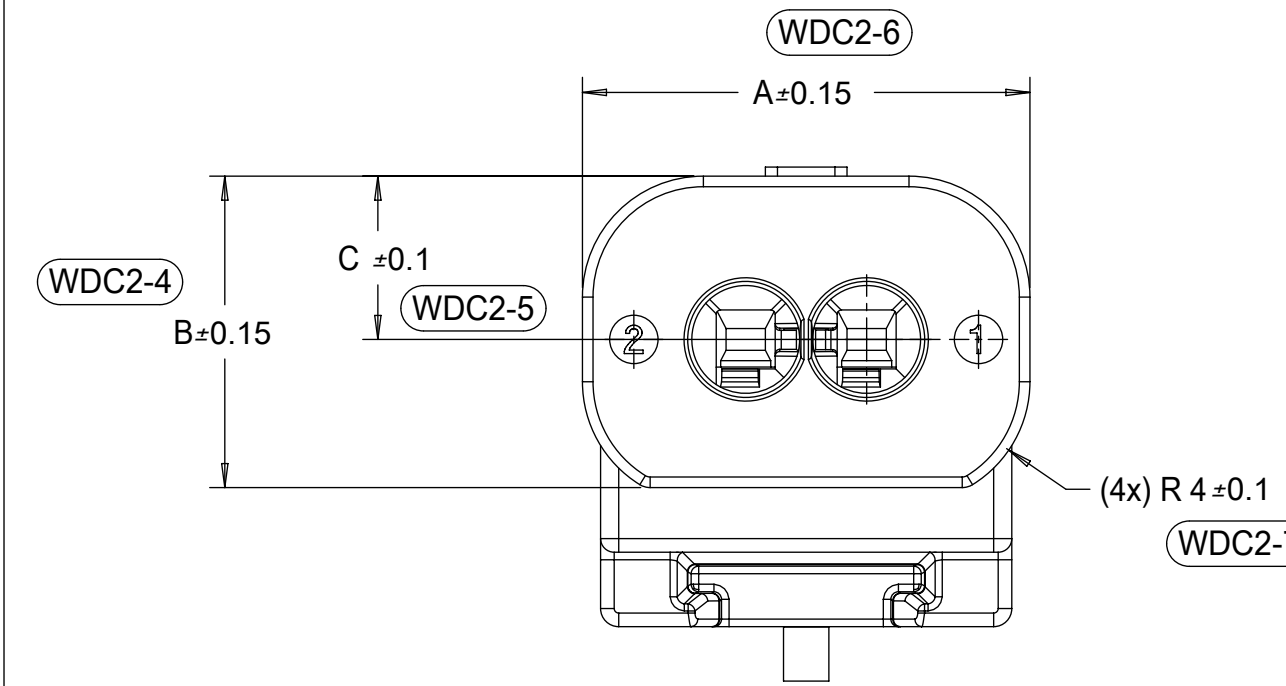


WIRE DRESS COVER  
 INTERFACE OPTION 1  
 WIRE DRESS COVERS  
 NOT AVAILABLE



3 CIRCUIT	18.8	10.8	5.4	15.9	7.9	3.7
2 CIRCUIT	14.8	10.3	5.4	11.9	7.9	3.7
CONFIGURATION	A	B	C	E	F	G

CHARTED DIMENSIONS



WIRE DRESS COVER  
 INTERFACE OPTION 2  
 BASED ON HIRSCHMANN INTERFACE  
 DRAWING 808-012-xxx REV B5

QUALITY SYMBOLS □ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS <b>mm</b>	SCALE <b>4:1</b>	
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4 PLACES ± 3 PLACES ± 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ± 0.5	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE <b>D</b>	THIRD ANGLE PROJECTION	PRODUCT CUSTOMER DRAWING	
EC NO: 645203 DRWN: GELLIOTTO1 CHKD: MVANSLAMBROU REV APPR: MVANSLAMBROU	2020/09/11 2020/09/15 2020/09/15	SERIES 34899	MATERIAL NUMBER <b>SEE TABLE</b>	CUSTOMER GENERAL MARKET	DOCUMENT NUMBER SD-34899-2001
RELEASE STATUS <b>P1</b>	RELEASE DATE 2020/09/15	14:05:05	DOC TYPE PSD	DOC PART 001	SHEET NUMBER <b>7 OF 11</b>

1x2 BLADE SEALED ASSEMBLY BOM  
FOR WIRE DRESS COVER INTERFACE 1  
REFER WIRE DRESS COVER INTERFACE SHEET  
FOR DETAILS

KEYING OPTION E, 11mm CLIP SLOT, STONE GRAY	34899-2043	1																		E	CONCEPT	
KEYING OPTION C, 11mm CLIP SLOT, DARK GRAY	34899-2042	1																		C	CONCEPT	
KEYING OPTION B, 11mm CLIP SLOT, LIGHT GRAY	34899-2041	1																		B	CONCEPT	
KEYING OPTION A, 11mm CLIP SLOT, BLACK	34899-2040	1																		A	CONCEPT	
KEYING OPTION E, 11mm CLIP SLOT, YELLOW	34899-2033	1																		E	CONCEPT	
KEYING OPTION C, 11mm CLIP SLOT, YELLOW	34899-2032	1																		C	CONCEPT	
KEYING OPTION B, 11mm CLIP SLOT, YELLOW	34899-2031	1																		B	CONCEPT	
KEYING OPTION A, 11mm CLIP SLOT, YELLOW	34899-2030	1																		A	CONCEPT	
KEYING OPTION E, 7mm CLIP SLOT, STONE GRAY	34899-2023	1																		E	TOOLED BUT NOT VALIDATED	
KEYING OPTION C, 7mm CLIP SLOT, DARK GRAY	34899-2022	1																		C	SALEABLE	
KEYING OPTION B, 7mm CLIP SLOT, LIGHT GRAY	34899-2021	1																		B	SALEABLE	
KEYING OPTION A, 7mm CLIP SLOT, BLACK	34899-2020	1																		A	SALEABLE	
KEYING OPTION E, 7mm CLIP SLOT, YELLOW	34899-2013	1																		E	TOOLED BUT NOT VALIDATED	
KEYING OPTION C, 7mm CLIP SLOT, YELLOW	34899-2012	1																		C	SALEABLE	
KEYING OPTION B, 7mm CLIP SLOT, YELLOW	34899-2011	1																		B	SALEABLE	
KEYING OPTION A, 7mm CLIP SLOT, YELLOW	34899-2010	1																		A	SALEABLE	
ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	WIRE DRESS COVER INTERFACE OPTION																			PRODUCTION TOOL STATUS	COMMENTS

PLR	COLOR	MATERIAL
1x2 CONNECTOR HOUSING, KEYING OPTION E 11mm CLIP SLOT	STONE GRAY	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION C 11mm CLIP SLOT	DARK GRAY	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION B 11mm CLIP SLOT	LIGHT GRAY	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION A 11mm CLIP SLOT	BLACK	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION E 11mm CLIP SLOT	YELLOW	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION C 11mm CLIP SLOT	YELLOW	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION B 11mm CLIP SLOT	YELLOW	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION A 11mm CLIP SLOT	YELLOW	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION E 7mm CLIP SLOT	STONE GRAY	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION C 7mm CLIP SLOT	DARK GRAY	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION B 7mm CLIP SLOT	LIGHT GRAY	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION A 7mm CLIP SLOT	BLACK	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION E 7mm CLIP SLOT	YELLOW	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION C 7mm CLIP SLOT	YELLOW	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION B 7mm CLIP SLOT	YELLOW	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION A 7mm CLIP SLOT	YELLOW	SPS/NYLON GF20
DESCRIPTION	COLOR	MATERIAL

BOM/APPLICABLE COMPONENTS TABLE

ABBREVIATION	COMPONENT
A	CONNECTOR HOUSING KEYING OPTION A
B	CONNECTOR HOUSING KEYING OPTION B
C	CONNECTOR HOUSING KEYING OPTION C
E	CONNECTOR HOUSING KEYING OPTION E

QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	EC NO: 645203 DRWN: GELLIOTTO1 CHKD: MVANSLAMBROU REV APPR: MVANSLAMBROU	2020/09/11 2020/09/15 2020/09/15	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS
DIMENSION UNITS		SCALE	 1.2MM 1X2, 1X3 BLADE SEALED ASSEMBLY CABLE SEAL 639764 - REMOVED CPA3 AND REPLACED WITH CPA2 AGAIN 64 PRODUCT CUSTOMER DRAWING
mm		2:1	
DRWN BY		DATE	
SKRAJENDRANA		2013/11/06	
CHKD BY		DATE	SERIES: 34899 MATERIAL NUMBER: SEE BOM CUSTOMER: GENERAL MARKET
APPR BY		DATE	
DRAWING SIZE		THIRD ANGLE PROJECTION	DOCUMENT NUMBER: SD-34899-2001 DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 8 OF 11
D			



1x2 BLADE SEALED ASSEMBLY BOM  
 FOR WIRE DRESS COVER INTERFACE 2  
 REFER WIRE DRESS COVER INTERFACE SHEET  
 FOR DETAILS

KEYING OPTION A, 40G CLIP SLOT, BLACK	34899-2060	2									A	OK TO TOOL	
KEYING OPTION A, 40G CLIP SLOT, YELLOW	34899-2050	2									A	OK TO TOOL	
KEYING OPTION E, 7mm CLIP SLOT, STONE GRAY	34899-2083	2									E	OK TO TOOL	
KEYING OPTION C, 7mm CLIP SLOT, DARK GRAY	34899-2082	2									C	SALEABLE	
KEYING OPTION B, 7mm CLIP SLOT, LIGHT GRAY	34899-2081	2									B	SALEABLE	
KEYING OPTION A, 7mm CLIP SLOT, BLACK	34899-2080	2									A	SALEABLE	
KEYING OPTION E, 7mm CLIP SLOT, YELLOW	34899-2073	2									E	OK TO TOOL	
KEYING OPTION C, 7mm CLIP SLOT, YELLOW	34899-2072	2									C	SALEABLE	
KEYING OPTION B, 7mm CLIP SLOT, YELLOW	34899-2071	2									B	SALEABLE	
KEYING OPTION A, 7mm CLIP SLOT, YELLOW	34899-2070	2									A	SALEABLE	
ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	WIRE DRESS COVER INTERFACE OPTION										PRODUCTION TOOL STATUS	COMMENTS

PLR	NATURAL	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION A 40G CLIP SLOT	BLACK	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION A 40G CLIP SLOT	YELLOW	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION E 7mm CLIP SLOT	STONE GRAY	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION C 7mm CLIP SLOT	DARK GRAY	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION B 7mm CLIP SLOT	LIGHT GRAY	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION A 7mm CLIP SLOT	BLACK	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION E 7mm CLIP SLOT	YELLOW	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION C 7mm CLIP SLOT	YELLOW	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION B 7mm CLIP SLOT	YELLOW	SPS/NYLON GF20
1x2 CONNECTOR HOUSING, KEYING OPTION A 7mm CLIP SLOT	YELLOW	SPS/NYLON GF20
DESCRIPTION	COLOR	MATERIAL

BOM/APPLICABLE COMPONENTS TABLE

ABBREVIATION	COMPONENT
A	CONNECTOR HOUSING KEYING OPTION A
B	CONNECTOR HOUSING KEYING OPTION B
C	CONNECTOR HOUSING KEYING OPTION C
E	CONNECTOR HOUSING KEYING OPTION E

QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
▽ = 0	EC NO: 645203 DRWN: GELIOTT01 CHKD: MVANSLAMBROU REV APPR: MVANSLAMBROU 2020/09/15 2020/09/15 2020/09/15	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	
▽ = 0		ANGULAR TOL ± 3.0 °	mm		
▽ = 0		4 PLACES ±	DRWN BY	DATE	
▽ = 0		3 PLACES ±	SKRAJENDRANA	2013/11/06	
▽ = 0		2 PLACES ± 0.1	CHKD BY	DATE	
▽ = 0		1 PLACE ± 0.2	APPR BY	DATE	
▽ = 0	0 PLACES ± 0.5	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE	THIRD ANGLE PROJECTION	
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RELEASE STATUS	P1	RELEASE DATE	2020/09/15	14:05:05	

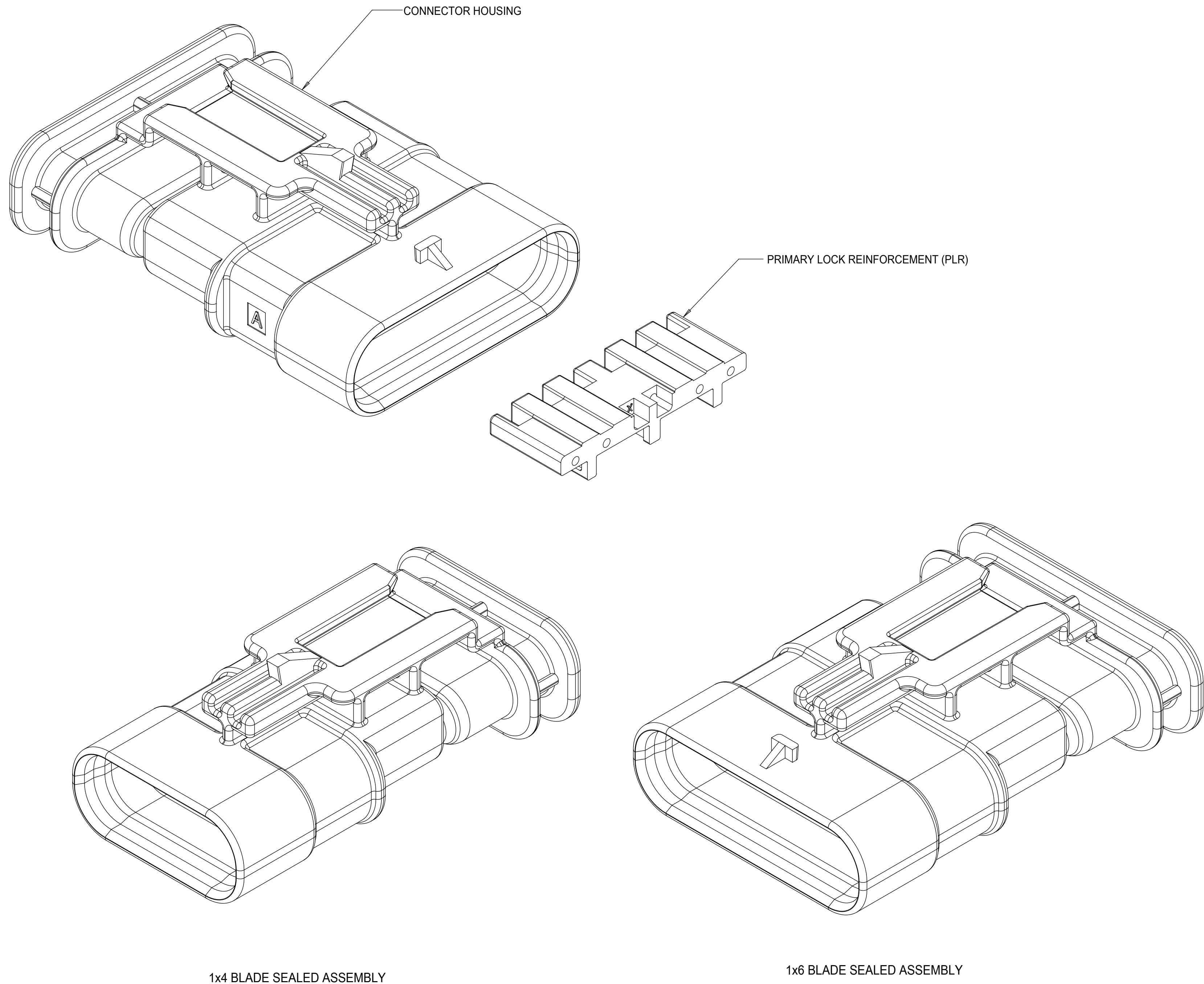
<b>molex</b>		
1.2MM 1X2, 1X3 BLADE SEALED ASSEMBLY CABLE SEAL 639764 - REMOVED CPA3 AND REPLACED WITH CPA2 AGAIN 64		
PRODUCT CUSTOMER DRAWING		
SERIES	MATERIAL NUMBER	CUSTOMER
34899	SEE BOM	GENERAL MARKET
DOCUMENT NUMBER	DOC TYPE	DOC PART   SHEET NUMBER
SD-34899-2001	PSD	001   9 OF 11





TABLE OF CONTENTS

SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	1x4 BLADE SEALED ASSEMBLY KEYING CONFIGURATIONS
3	1x6 BLADE SEALED ASSEMBLY KEYING CONFIGURATIONS
4	CLIP-SLOT CONFIGURATIONS
5	BLADE SEALED ASSEMBLY
6	CONNECTION SYSTEM PACKAGING
7	WIRE DRESS COVER INTERFACE OPTIONS
8	1x4 BLADE SEALED ASSEMBLY BOM INTERFACE OPTION 1
9	1x4 BLADE SEALED ASSEMBLY BOM INTERFACE OPTION 2
10	1x6 BLADE SEALED ASSEMBLY BOM INTERFACE OPTION 1
11	1x6 BLADE SEALED ASSEMBLY BOM INTERFACE OPTION 2



NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
  - a. APPLICATION SPECIFICATION SEE: AS-34900-0001  
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
  - b. PRODUCT SPECIFICATION SEE: PS-34900-0001  
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
  - c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31301-898
  - d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-301
  - e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
2. DESIGN - MATERIALS:
  - a. SEE BOM TABLE
3. DESIGN - GEOMETRY:
  - a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
  - b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
  - c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
  - d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
  - e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
  - f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B) CAD MODEL.
  - g. LASER MARKING:
    1. PART NUMBER
    2. DAY OF THE YEAR
    3. SHIFT
    4. YEAR

INSPECTION BALLOON NUMBER LOG

PER DRAWING REVISION: B12

LAST BALLOON NUMBER USED: WDC2-10

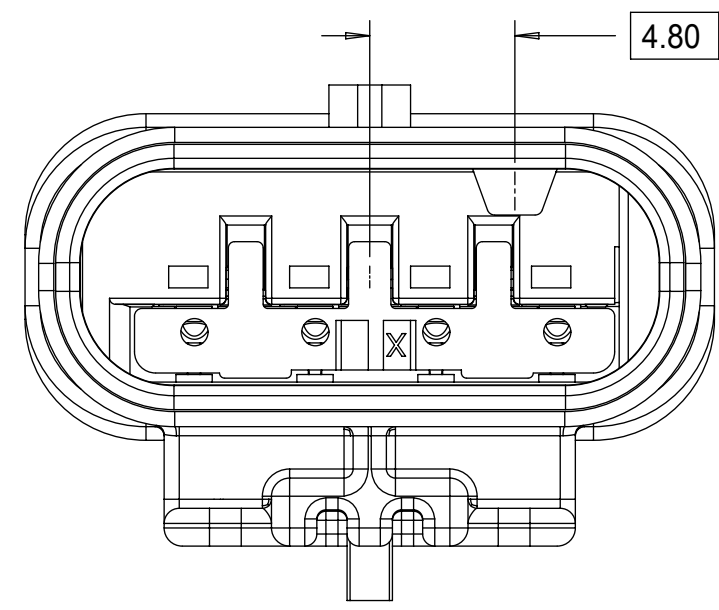
ADDED BALLON NUMBERS: WDC2-1 - WDC2-10

REMOVED BALLON NUMBERS:

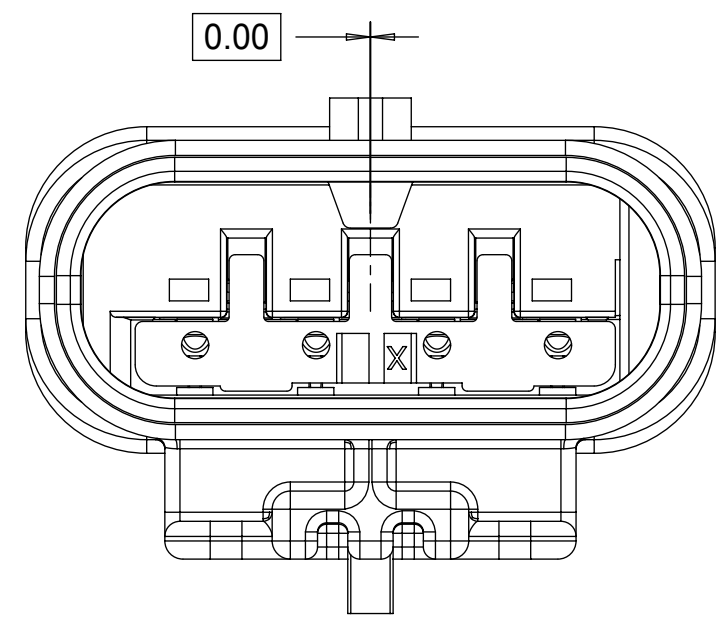
B17	ADDED NOTE ON SHARKFIN PRESENCE
B16	NX-REMASTERING FROM MODEL MANAGER CHANGED PN STATUSES TO OBSOLETE
B15	UPDATED BALLOONS 2-1 & 2-2 ON SHEET 7
B14	UPDATED PARTS TO SALEABLE
B13	RELEASED PRIMARY KEYS NON-SIR SALEABLE
B12	UPDATED PLR LOCK UP GEOMETRY
B11	UPDATED WDC INTERFACE PART# TO TOOLED BUT NOT VALIDATED
B10	UPDATED TOLERANCES WDC FEATURES
B9	1X4, 1X6 PART # WIRE DRESS COVER INTERFACE FEATURES OK TO TOOL
B8	1X4 40G CLIP-SLOT OK TO TOOL
B7	1X4 PART # UPDATED TO "TOOLED BUT NOT VALIDATED"
B6	ADDED 40G CLIP-SLOT PART NUMBERS
B5	BOM CORRECTIONS AND UPDATES
B4	BOM CORRECTIONS AND UPDATES
B3	1x4, 1x6 NON-SIR PART# OK TO TOOL
B2	1x6 11mm CLIP SLOT PART # OK TO TOOL
B1	1x6 11mm CLIP SLOT PART NUMBERS ADDED
B	ADDED 1x4 INFORMATION
A	OK TO TOOL

QUALITY SYMBOLS □ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV	DESCRIPTION	
	EC NO: 645203 DRWN: GELIOTT01 CHKD: MVANSLAMBROU APPR: MVANSLAMBROU	2020/09/11 2020/09/15 2020/09/15	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS: mm SCALE: 4:1 DRWN BY: MVANSLAMBROU DATE: 2012/07/13 CHKD BY: VKOSHY DATE: 2012/07/19 APPR BY: VKOSHY DATE: 2012/07/24	molex® 1.2MM 1X4, 1X6 BLADE SEALED ASSEMBLY CABLE SEAL 639764 - REMOVED CPA3 AND REPLACED WITH CPA2 AGAIN 64 PRODUCT CUSTOMER DRAWING
	B17	D	THIRD ANGLE PROJECTION	SERIES: 34899 MATERIAL NUMBER: SEE BOM CUSTOMER: GENERAL MARKET	
	RELEASE STATUS: P1 RELEASE DATE: 2020/09/15 14:05:24	DOCUMENT NUMBER: SD-34899-6001 DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 1 OF 11			

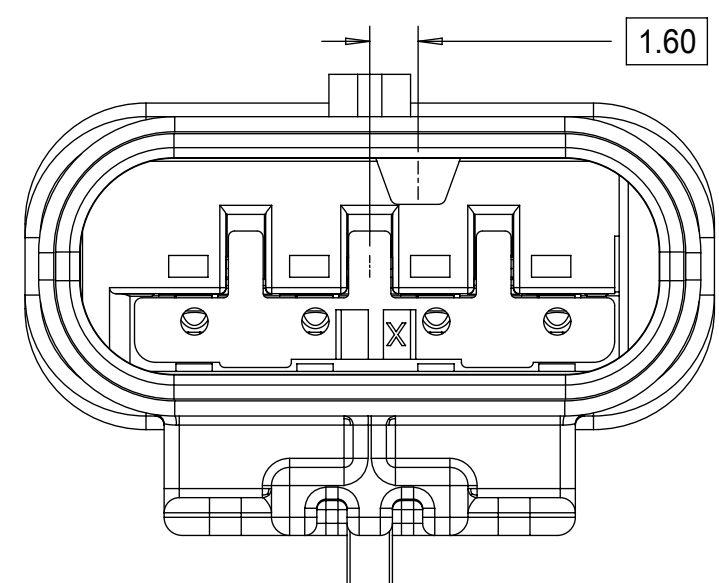
1x4 BLADE SEALED ASSEMBLY KEYING CONFIGURATIONS. FOR PART NUMBERS REFER TO BOM SHEET.



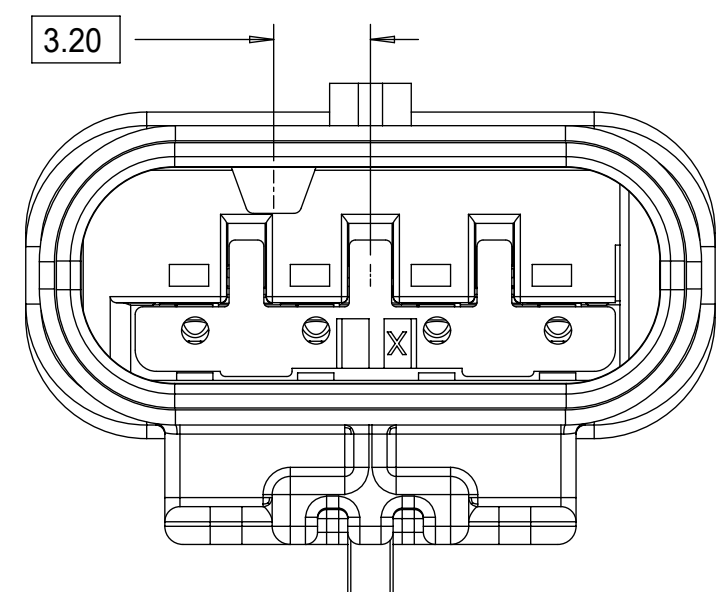
KEYING OPTION A



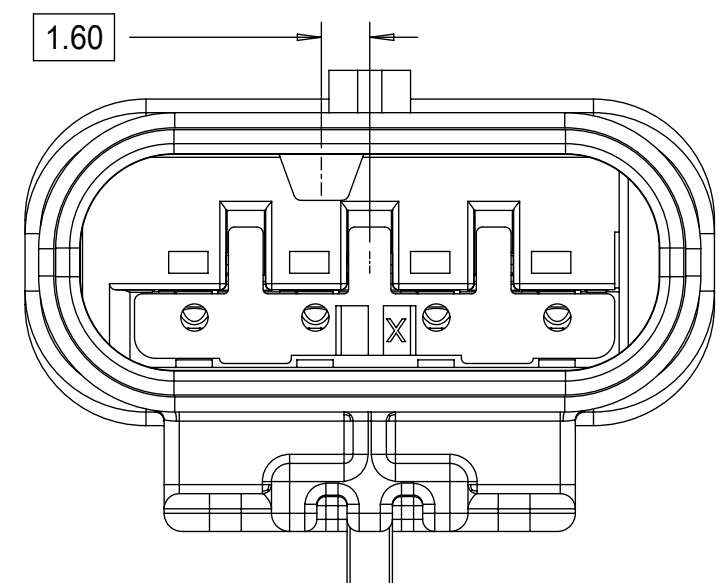
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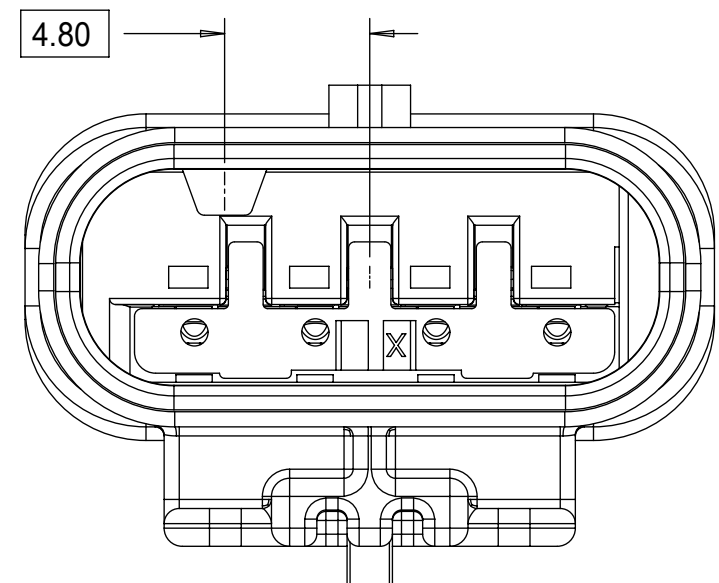
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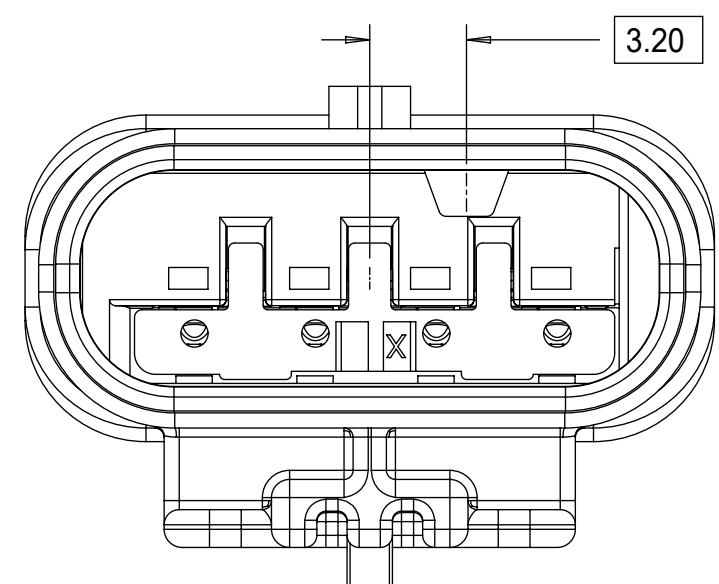
KEYING OPTION G



KEYING OPTION C



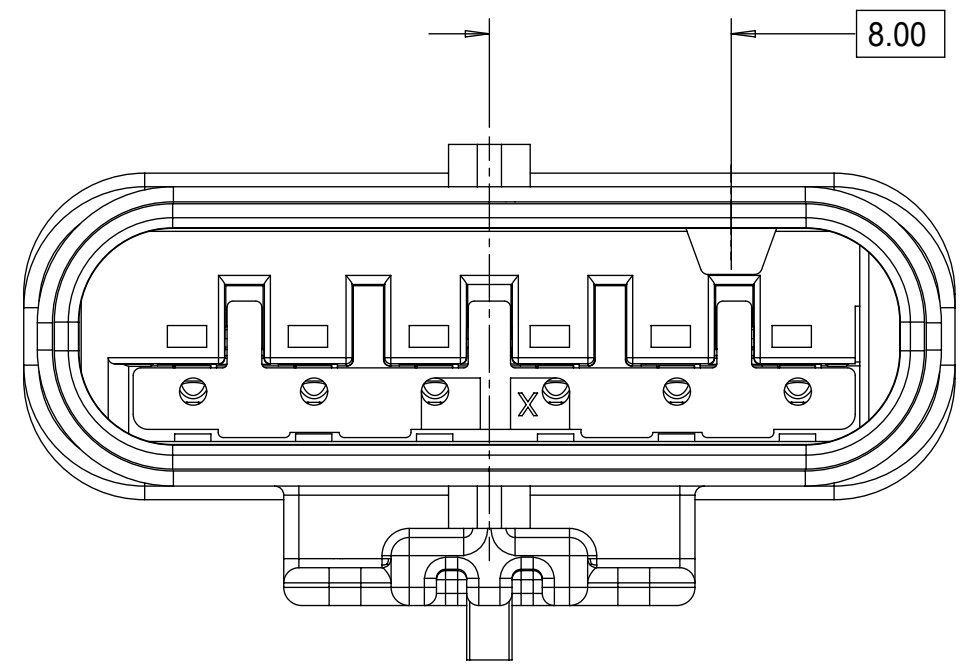
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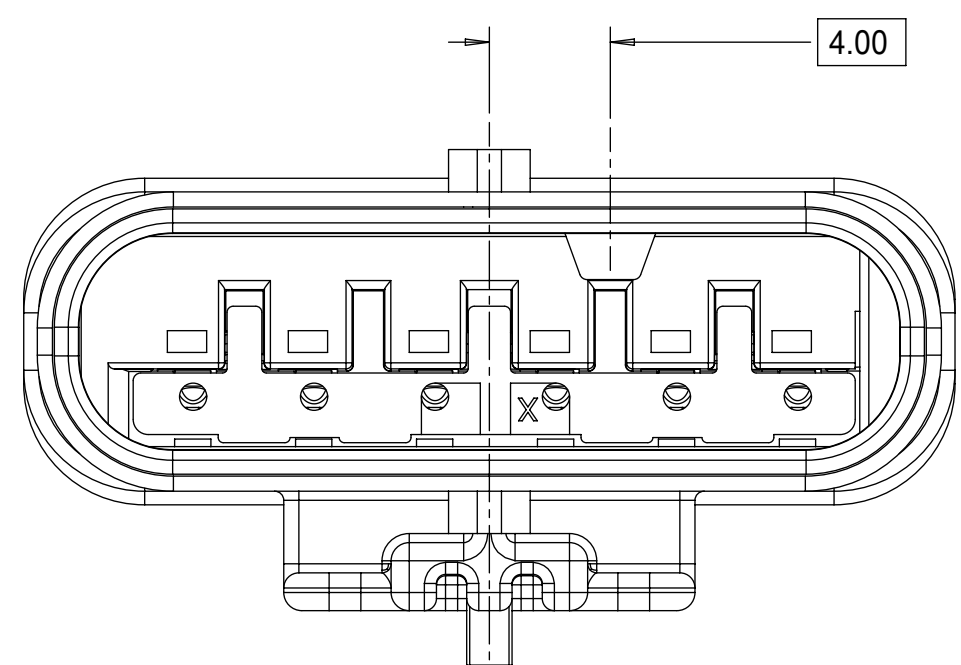
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<b>QUALITY SYMBOLS</b> □ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
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	2020/09/15	ANGULAR TOL ± 3.0 °			mm	4:1				
	2020/09/15	4 PLACES ±	DRWN BY			DATE	1.2MM 1X4, 1X6 BLADE SEALED ASSEMBLY CABLE SEAL 639764 - REMOVED CPA3 AND REPLACED WITH CPA2 AGAIN 64			
		3 PLACES ±	MVANSLAMBROU			2012/07/13				
		2 PLACES ± 0.1	CHKD BY			DATE	PRODUCT CUSTOMER DRAWING			
		1 PLACE ± 0.2	VKOSHY			2012/07/19				
		0 PLACES ± 0.5	APPR BY			DATE	SERIES MATERIAL NUMBER CUSTOMER 34899 SEE BOM GENERAL MARKET			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			VKOSHY	2012/07/24				
			DRAWING SIZE			THIRD ANGLE PROJECTION	DOCUMENT NUMBER DOC TYPE DOC PART SHEET NUMBER SD-34899-6001 PSD 001 2 OF 11			
		D								

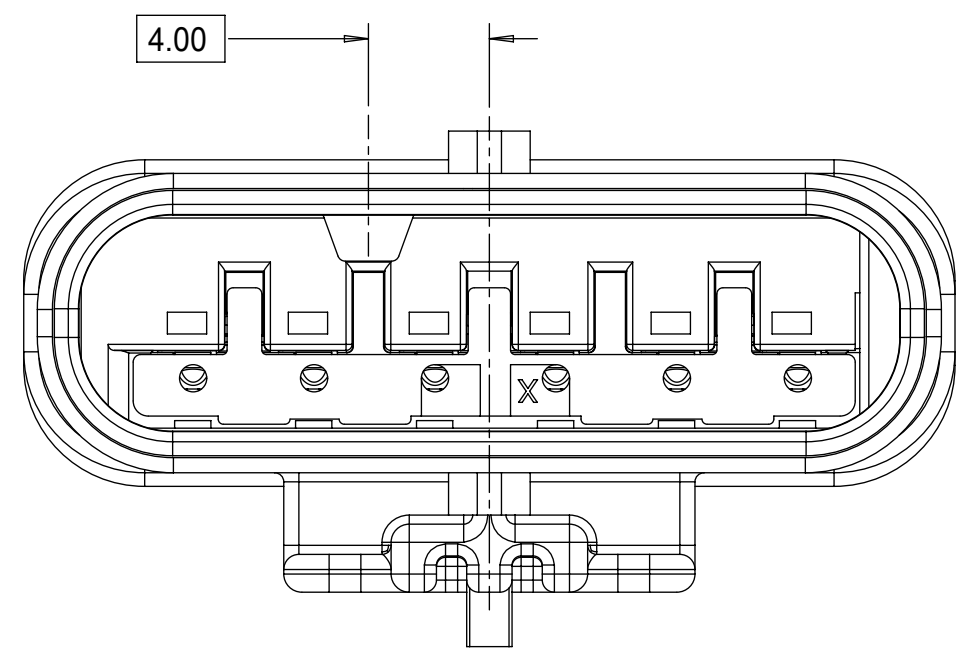
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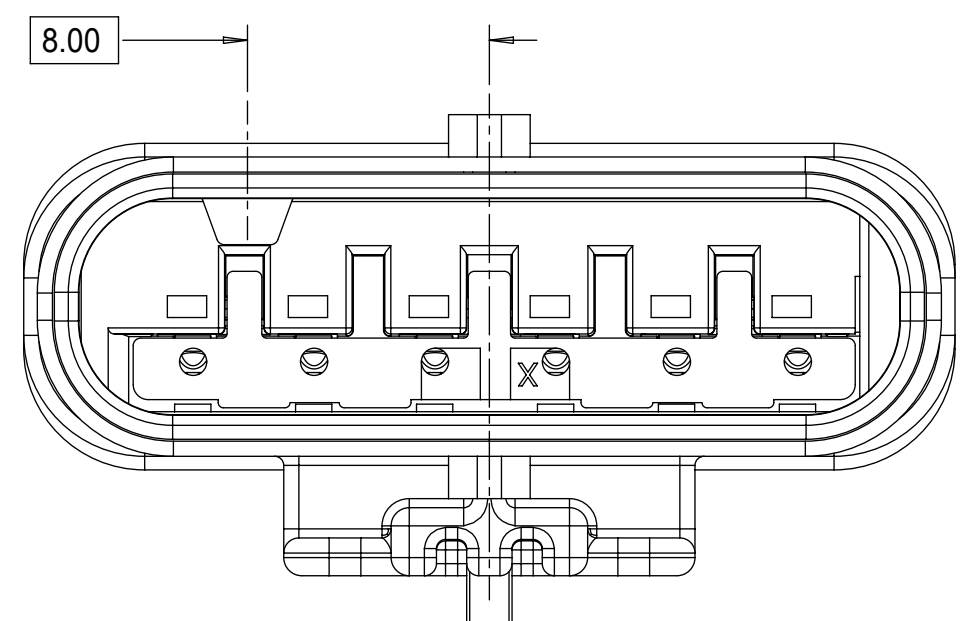
KEYING OPTION A



KEYING OPTION B



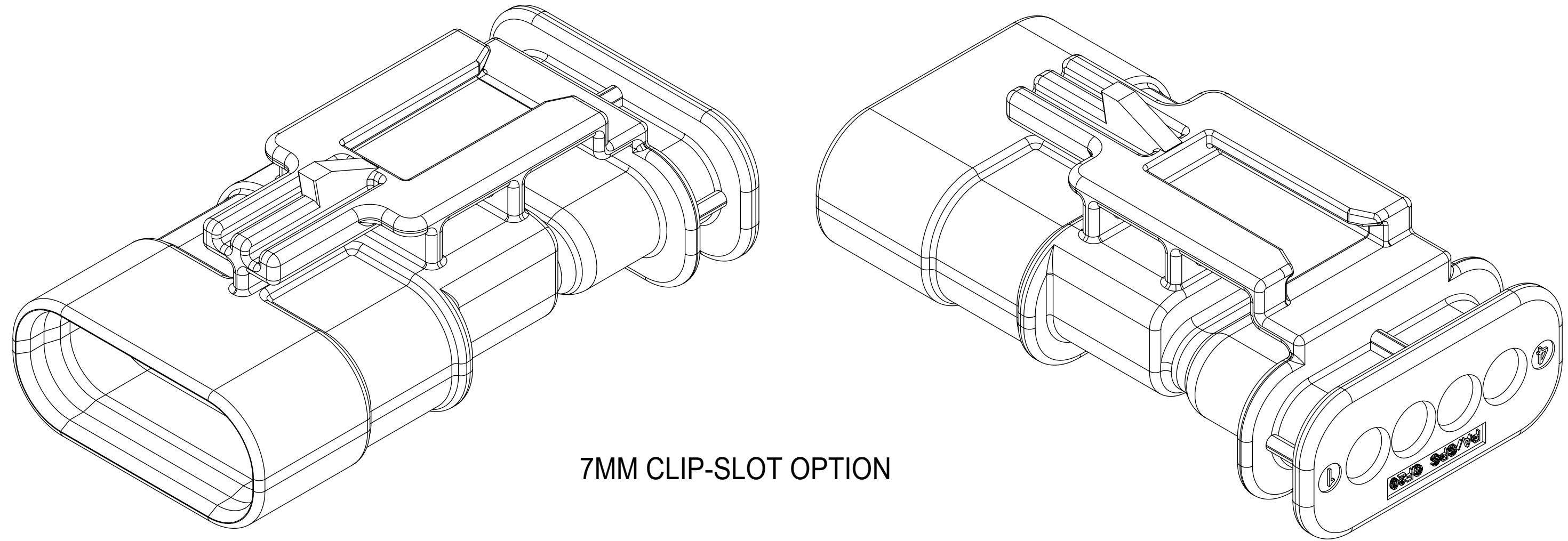
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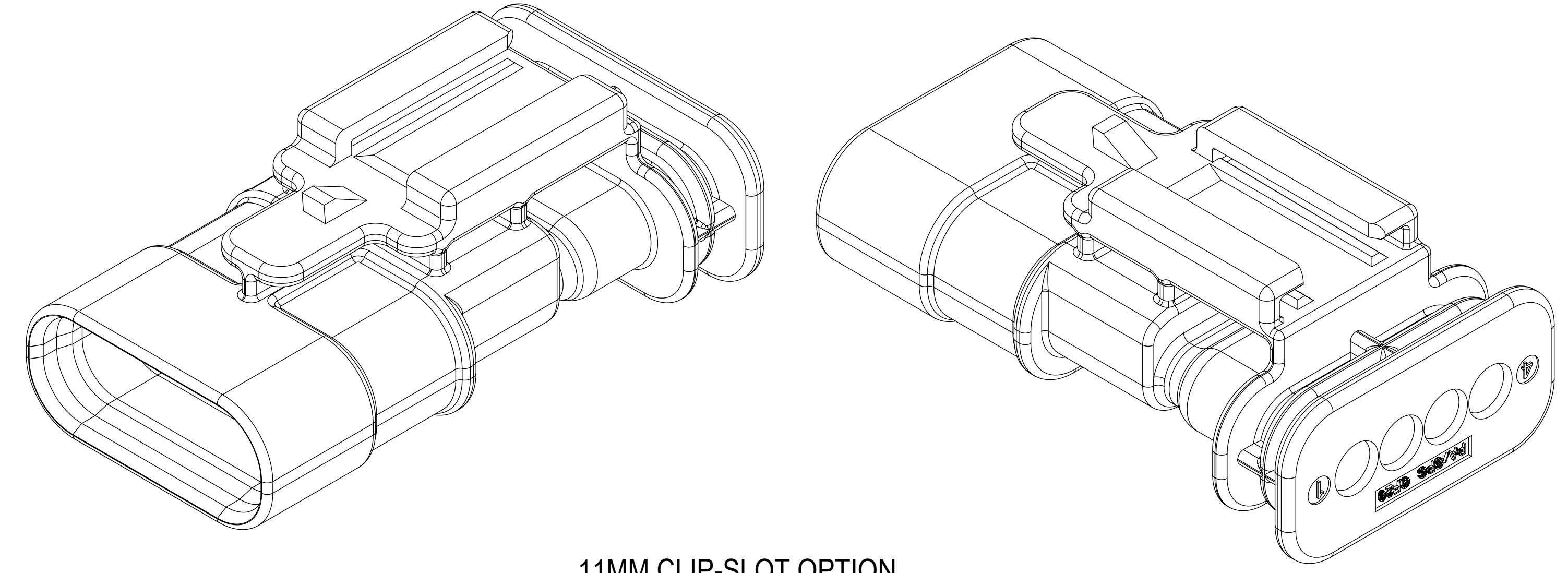
KEYING OPTION D

<b>QUALITY SYMBOLS</b> □ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
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	2020/09/15	ANGULAR TOL ± 3.0 °			mm	4:1				
	2020/09/15	4 PLACES ±	DRWN BY			DATE	1.2MM 1X4, 1X6 BLADE SEALED ASSEMBLY CABLE SEAL 639764 - REMOVED CPA3 AND REPLACED WITH CPA2 AGAIN 64			
		3 PLACES ±	CHKD BY			DATE				
		2 PLACES ± 0.1	APPR BY			DATE				
		1 PLACE ± 0.2	VKSOSHY			2012/07/19				
		0 PLACES ± 0.5	VKSOSHY			2012/07/24	PRODUCT CUSTOMER DRAWING			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAWING SIZE	THIRD ANGLE PROJECTION				
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						SD-34899-6001	PSD	001	3 OF 11	

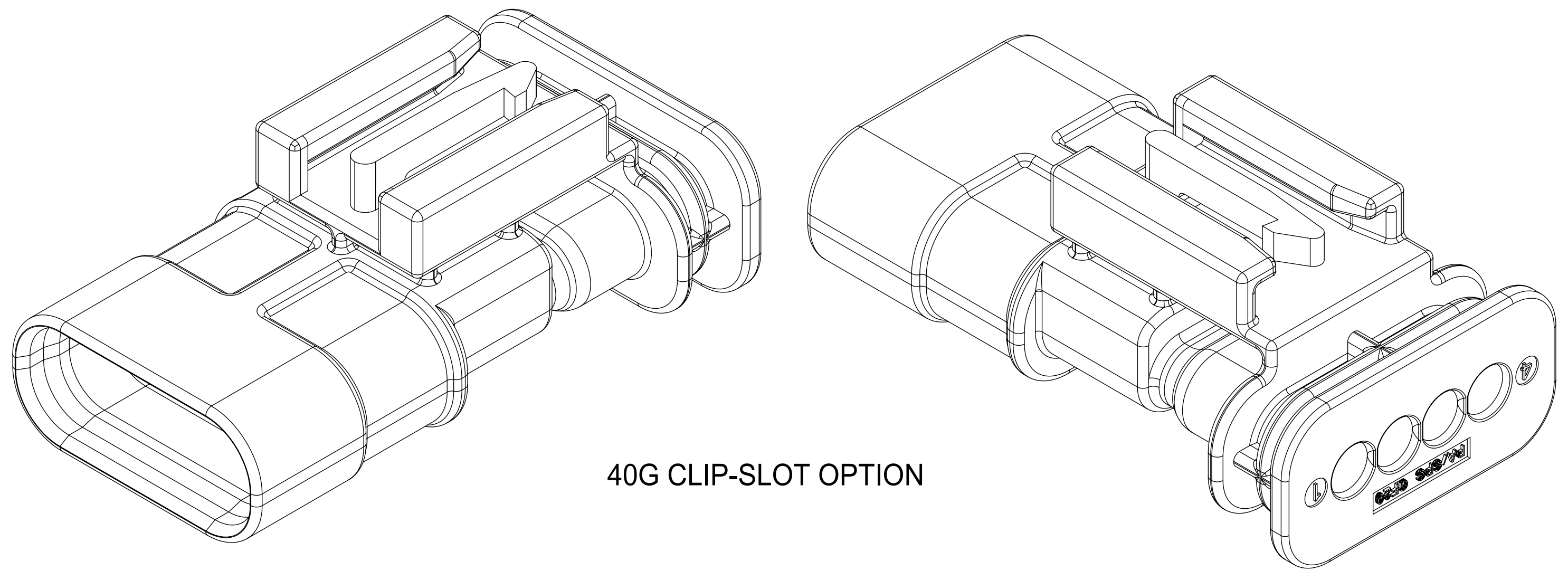
CLIP-SLOT CONFIGURATIONS. FOR PART NUMBERS REFER TO BOM SHEET.



7MM CLIP-SLOT OPTION



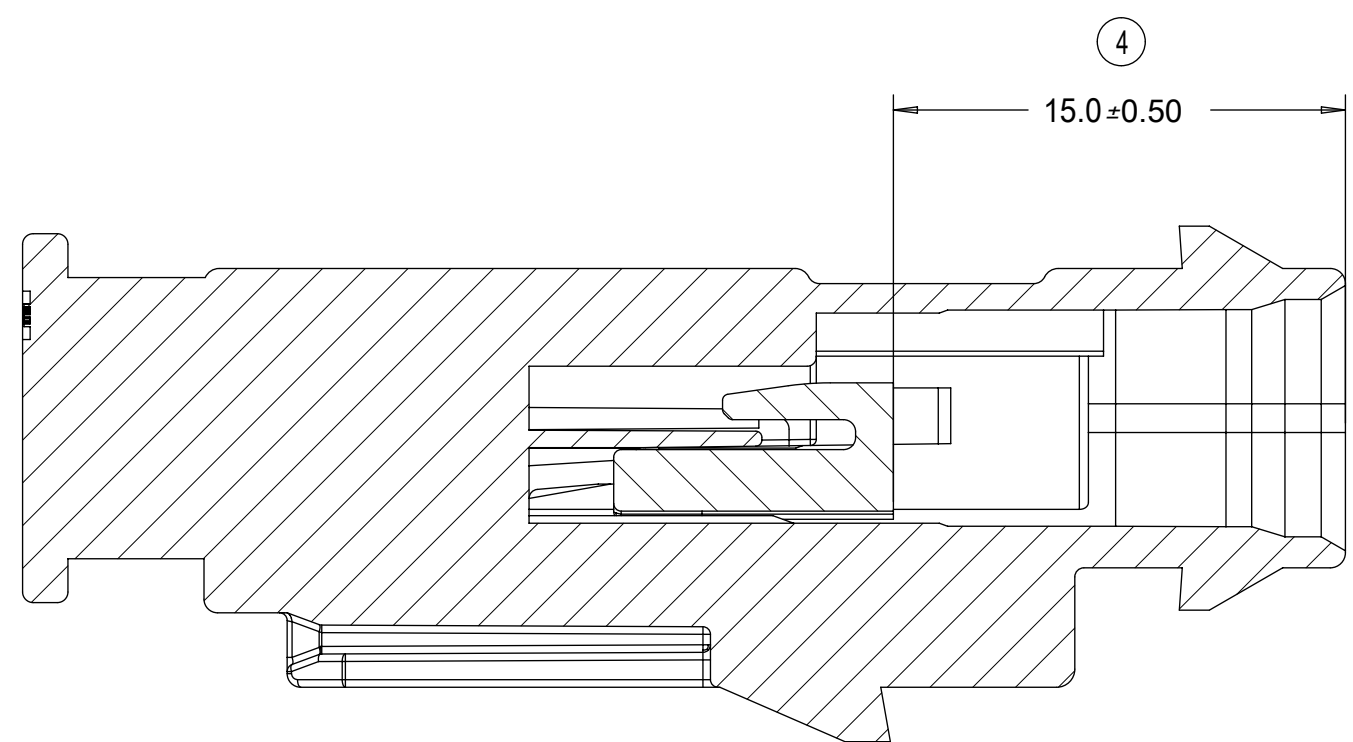
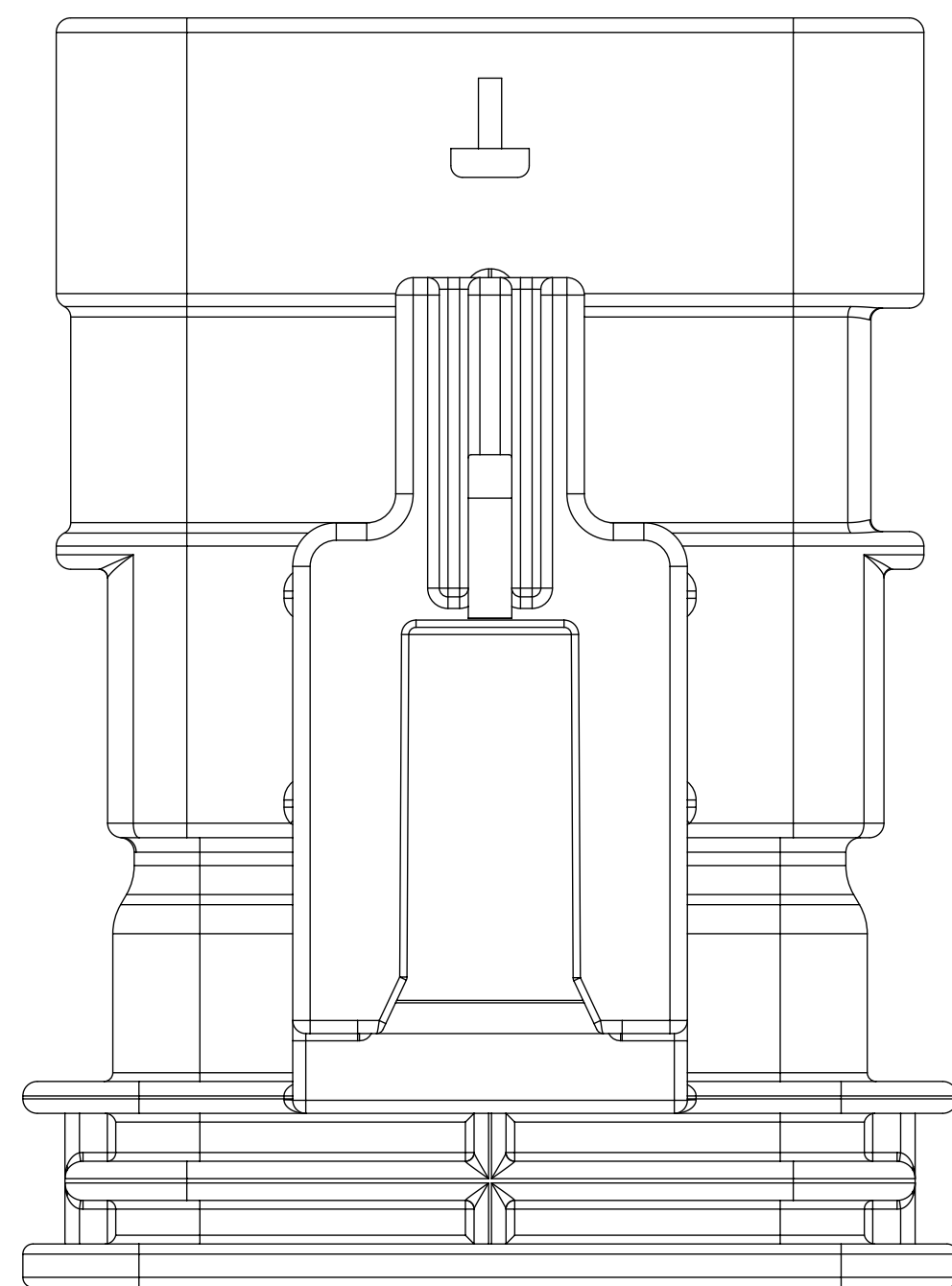
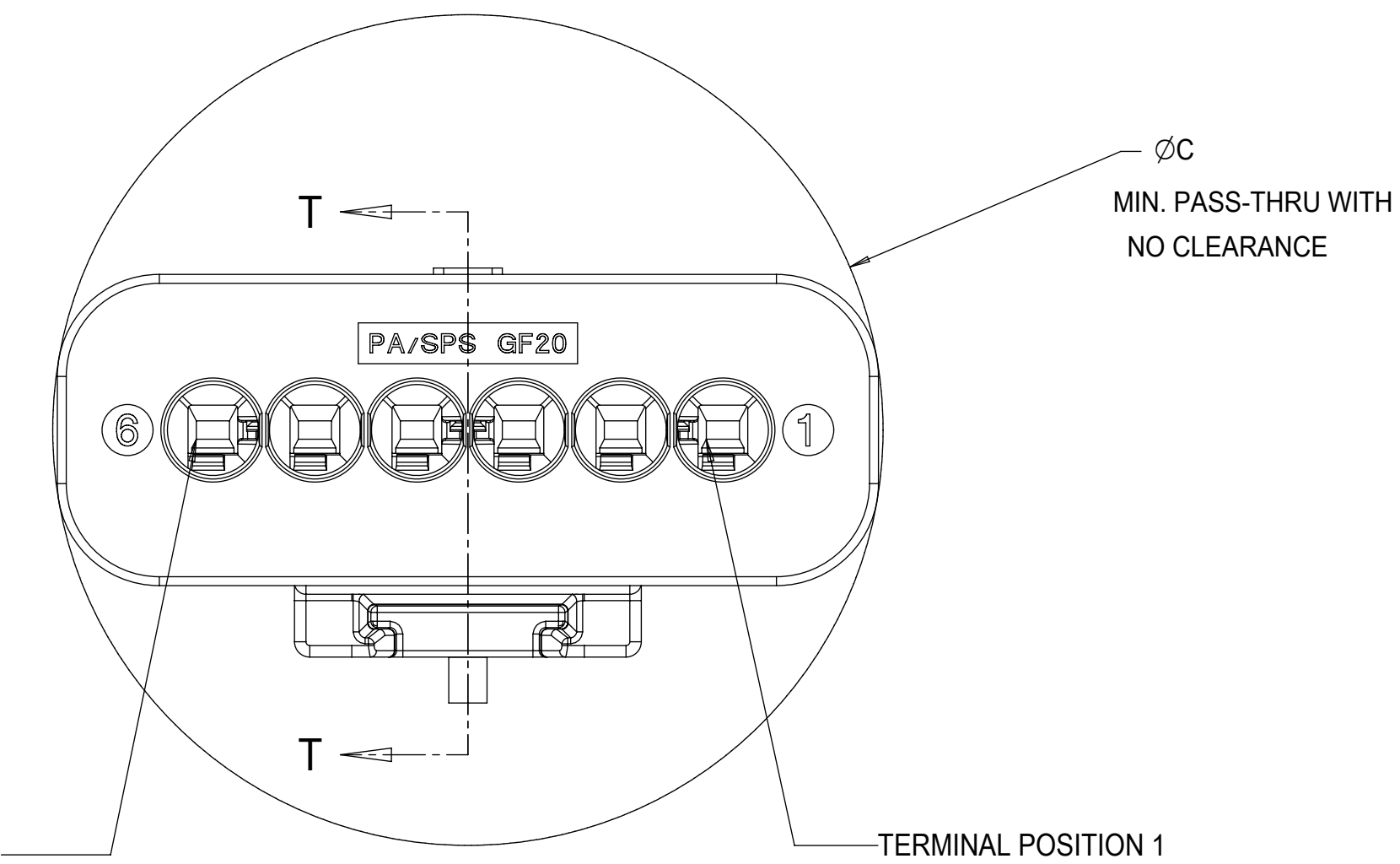
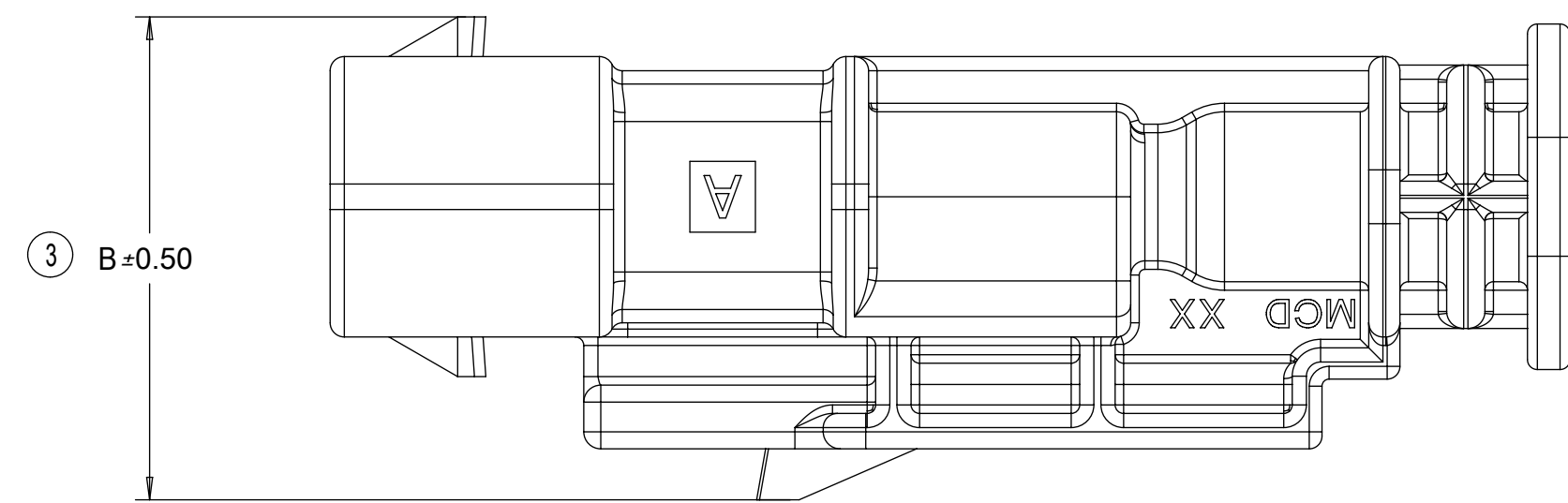
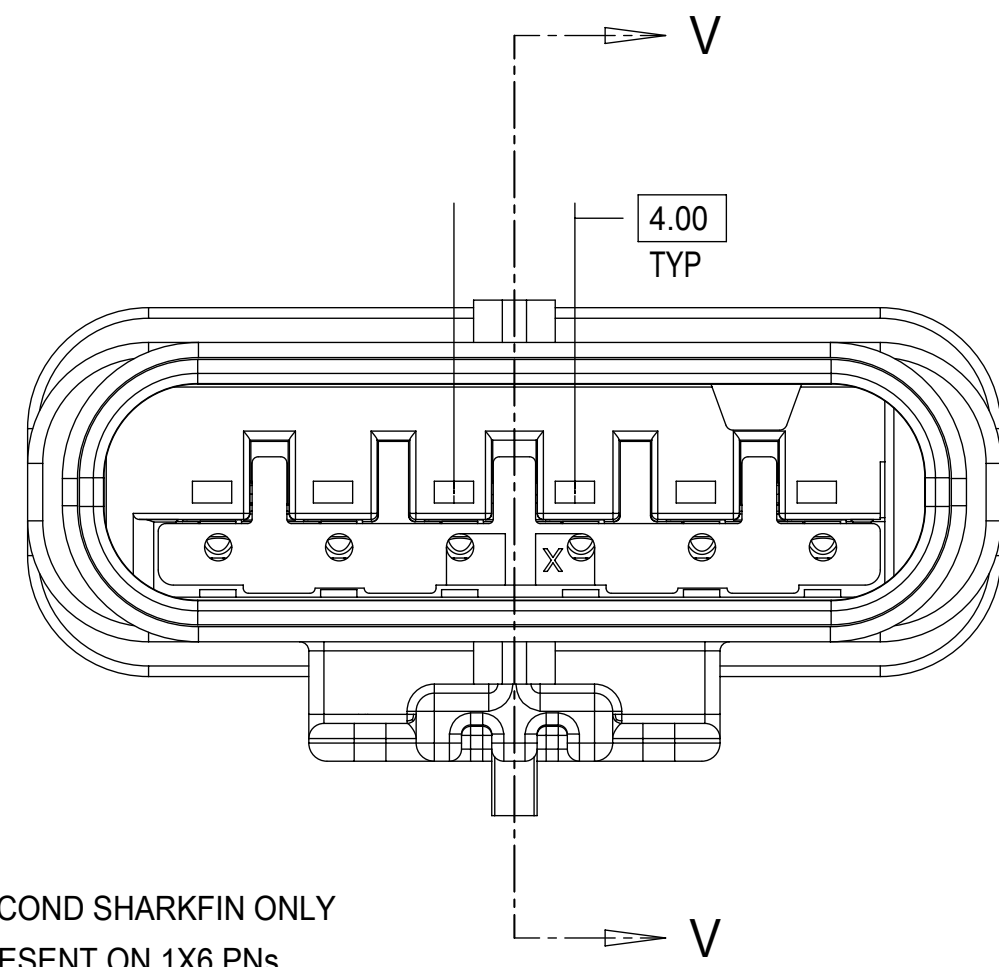
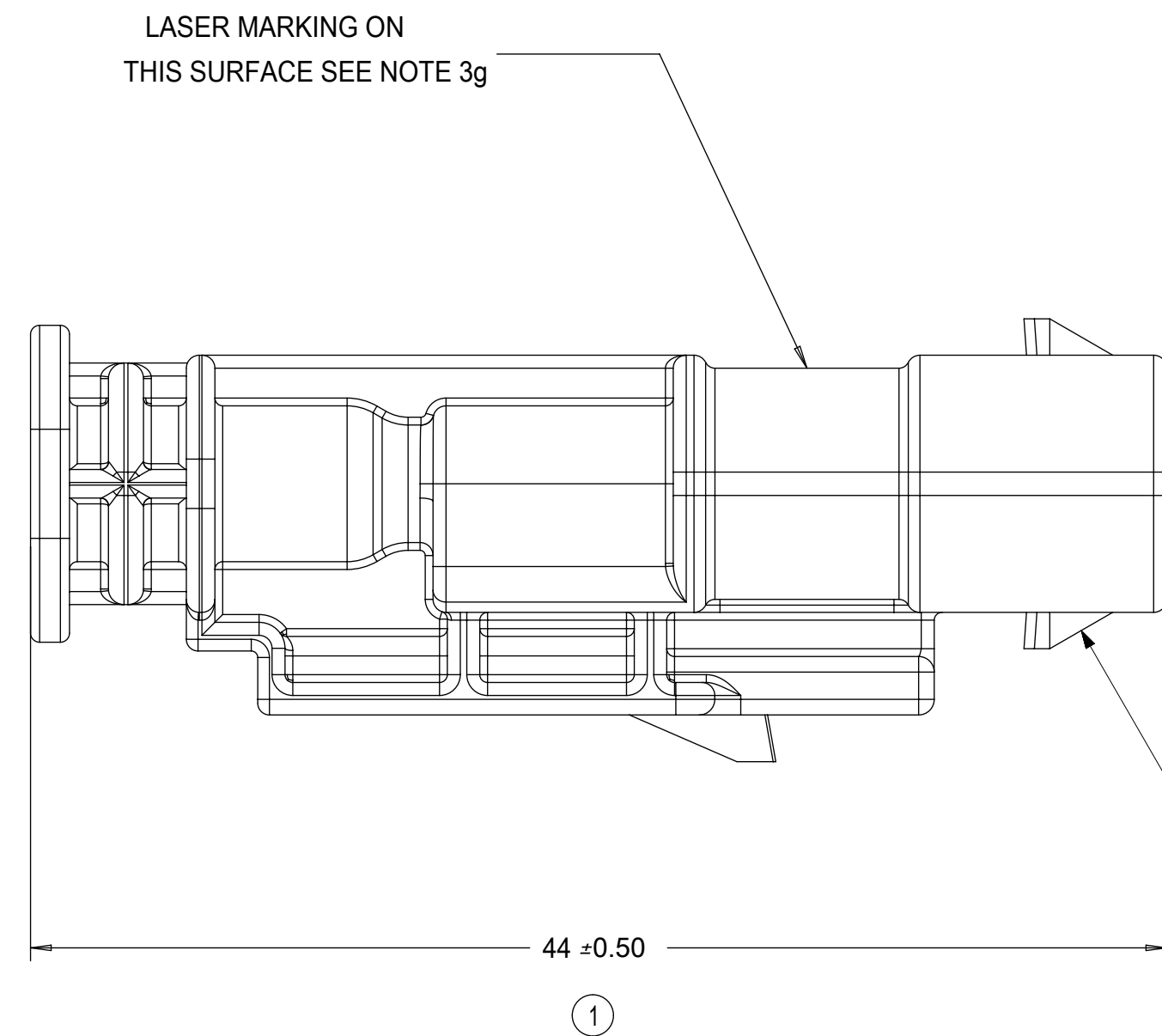
11MM CLIP-SLOT OPTION



40G CLIP-SLOT OPTION

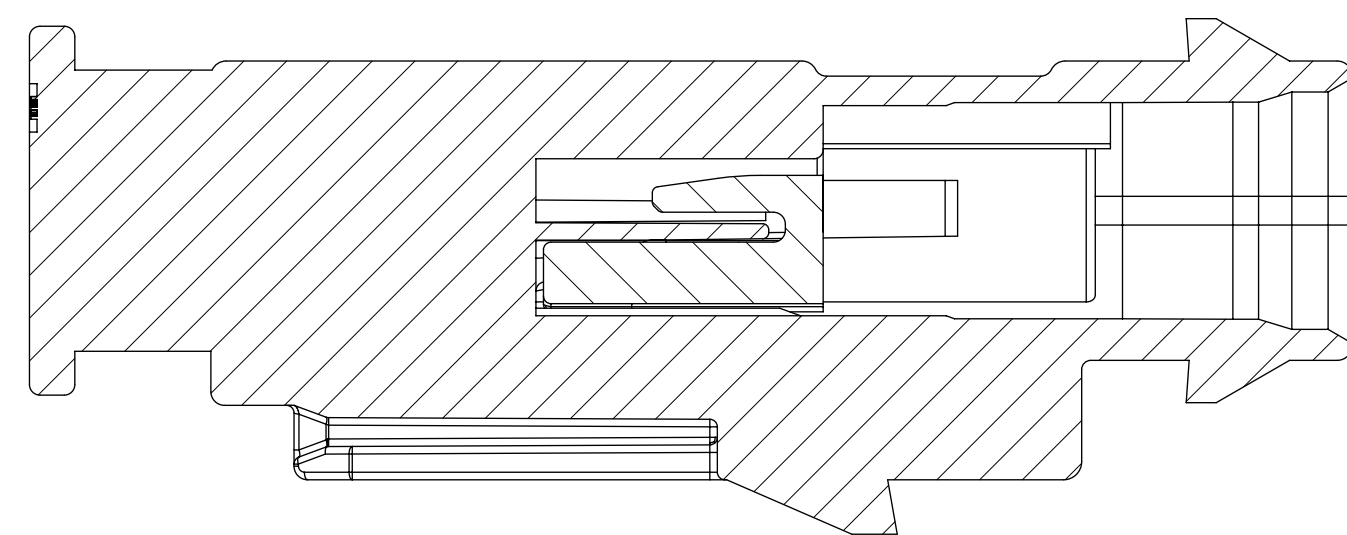
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
<b>QUALITY SYMBOLS</b> □ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	2020/09/11	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE						
	DRWN: GELIOTT01	mm	4:1								
	2020/09/15	ANGULAR TOL ± 3.0 °		DRWN BY	DATE	1.2MM 1X4, 1X6 BLADE SEALED ASSEMBLY CABLE SEAL 639764 - REMOVED CPA3 AND REPLACED WITH CPA2 AGAIN 64					
	CHKD: MVANSLAMBROU	4 PLACES ±	MVANSLAMBROU	2012/07/13							
	2020/09/15	3 PLACES ±		CHKD BY	DATE	PRODUCT CUSTOMER DRAWING					
	REV: MVANSLAMBROU	2 PLACES ± 0.1	VKOSHY	2012/07/19							
		2 PLACES ± 0.2		APPR BY	DATE	SERIES: 34899 MATERIAL NUMBER: SEE BOM CUSTOMER: GENERAL MARKET					
		1 PLACE ± 0.5		VKOSHY	2012/07/24						
		0 PLACES ± 0.5		DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER: SD-34899-6001 DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 4 OF 11					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		D							

# BLADE SEALED ASSEMBLY



SECTION V-V

PRIMARY LOCK REINFORCEMENT (PLR) SHOWN IN THE PRE-STAGED POSITION



SECTION T-T

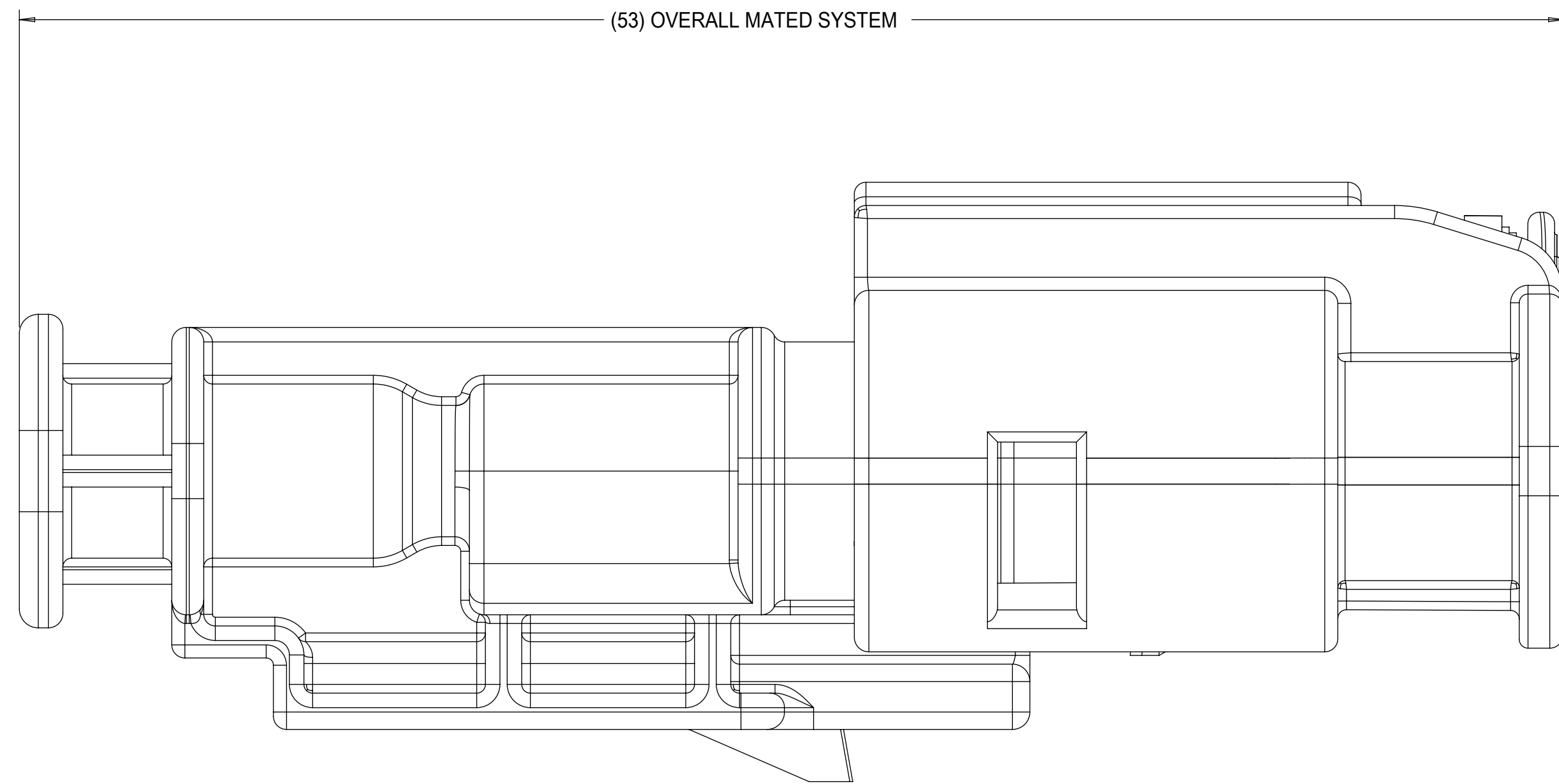
PRIMARY LOCK REINFORCEMENT (PLR) SHOWN IN THE FINAL-LOCK POSITION

1x6 BLADE SEALED ASSEMBLY, 40G CLIP SLOT	17.5	32.75
1x6 BLADE SEALED ASSEMBLY, 11mm CLIP SLOT	16	32.75
1x6 BLADE SEALED ASSEMBLY, 7mm CLIP SLOT	17.25	32.75
1x4 BLADE SEALED ASSEMBLY, 40G CLIP SLOT	17.5	25.25
1x4 BLADE SEALED ASSEMBLY, 11mm CLIP SLOT	16	24.75
1x4 BLADE SEALED ASSEMBLY, 7mm CLIP SLOT	17.25	24.75
<b>CONFIGURATION</b>	<b>B</b>	<b>C</b>
<b>CHARTED DIMENSIONS</b>		

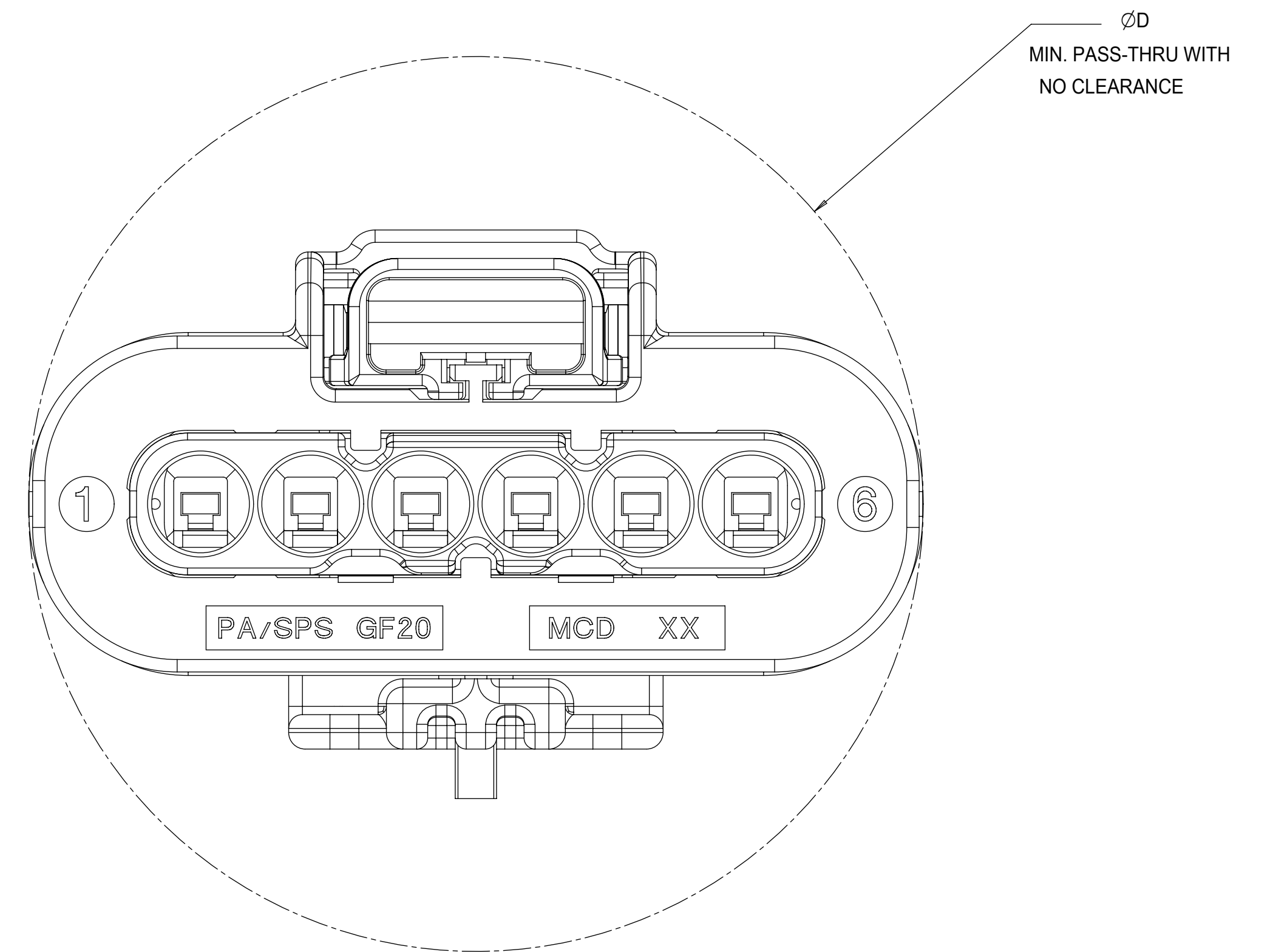
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▽ = 0	2020/09/15	ANGULAR TOL ± 3.0 °	mm	4:1
▽ = 0	2020/09/15	4 PLACES ±	DRWN BY	DATE
▽ = 0	2020/09/15	3 PLACES ±	MVANSLAMBROU	2012/07/13
▽ = 0	2020/09/15	2 PLACES ± 0.1	CHKD BY	DATE
▽ = 0	2020/09/15	1 PLACE ± 0.2	VKOSHY	2012/07/19
▽ = 0	2020/09/15	0 PLACES ± 0.5	APPR BY	DATE
▽ = 0	2020/09/15	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	VKOSHY	2012/07/24
▽ = 0	2020/09/15		DRAWING SIZE	THIRD ANGLE PROJECTION
▽ = 0	2020/09/15		D	
	EC NO: 645203	DRWN: GELIOTTO1	SERIES	
	2020/09/15	CHKD: MVANSLAMBROU	34899	GENERAL MARKET
	2020/09/15	REV: APPR: MVANSLAMBROU	MATERIAL NUMBER	CUSTOMER
			SEE BOM	
			DOCUMENT NUMBER	DOC TYPE
			SD-34899-6001	PSD
			DOC PART	SHEET NUMBER
			001	5 OF 11



# CONNECTION SYSTEM PACKAGING

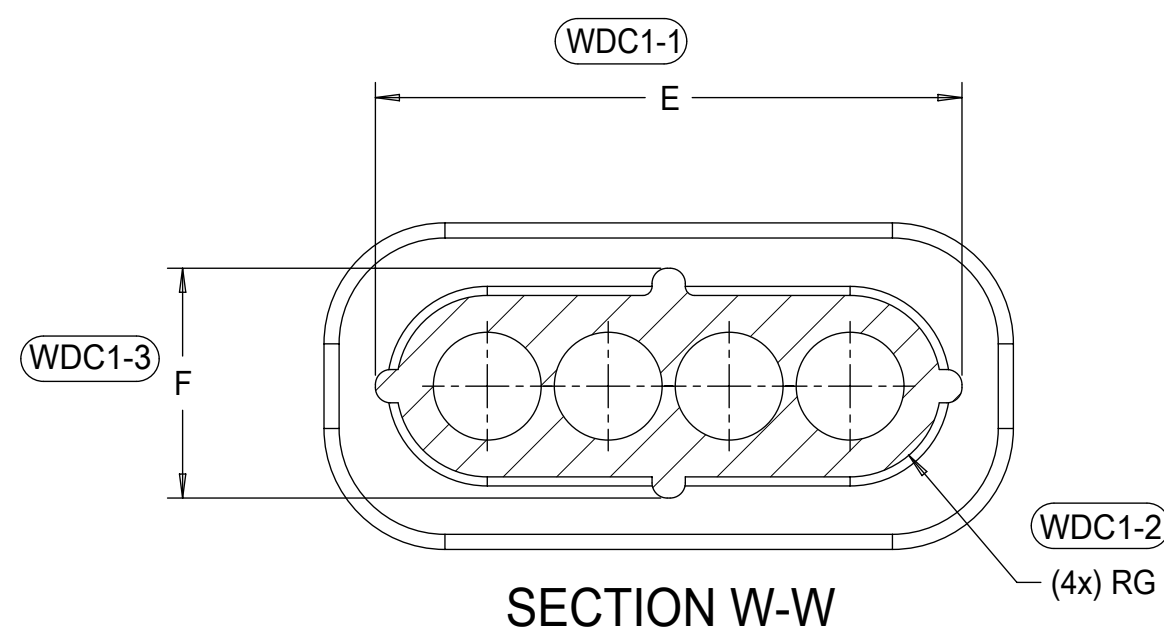


MODEL USED "AM-120-S-006-1-Z01"

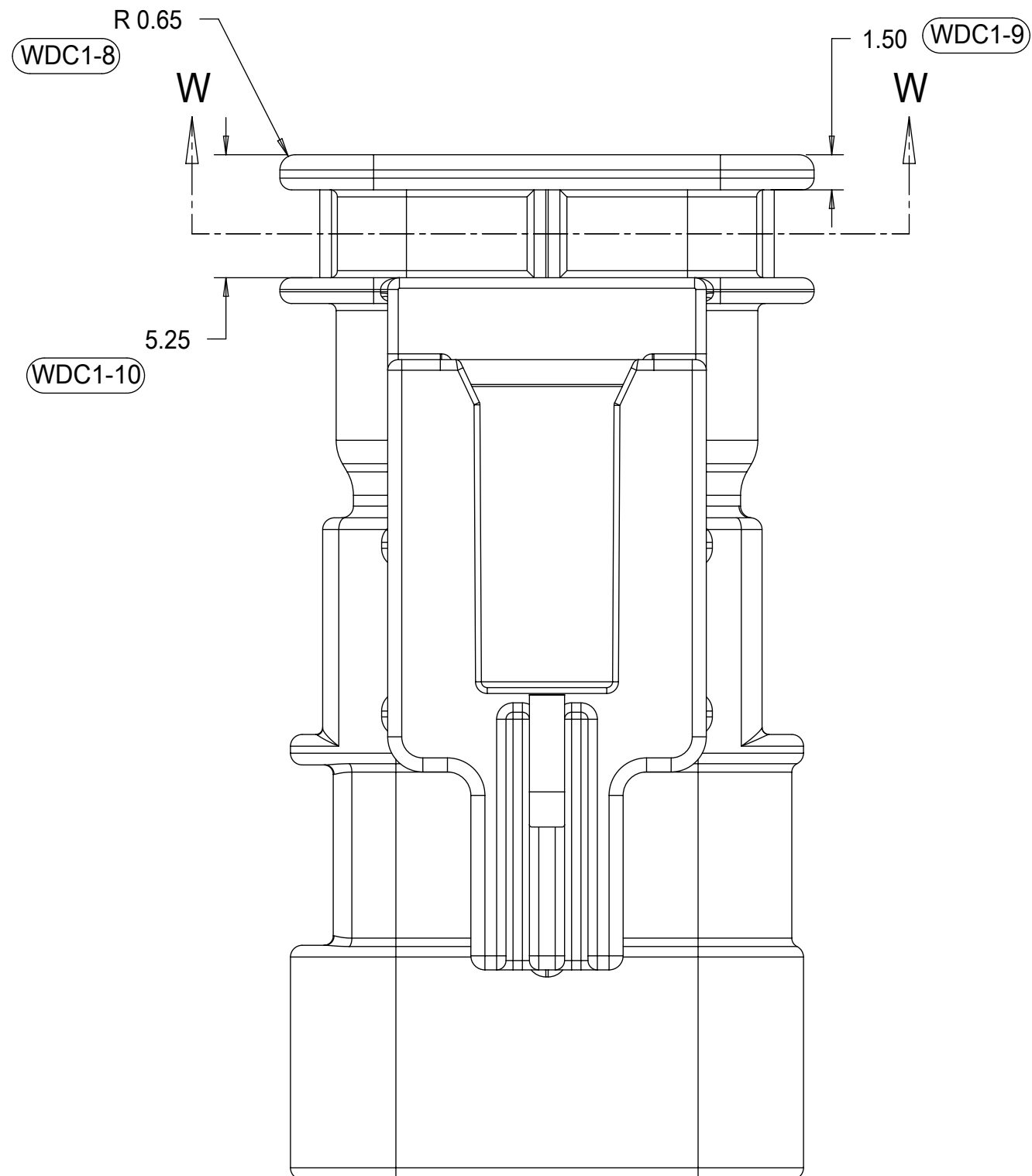
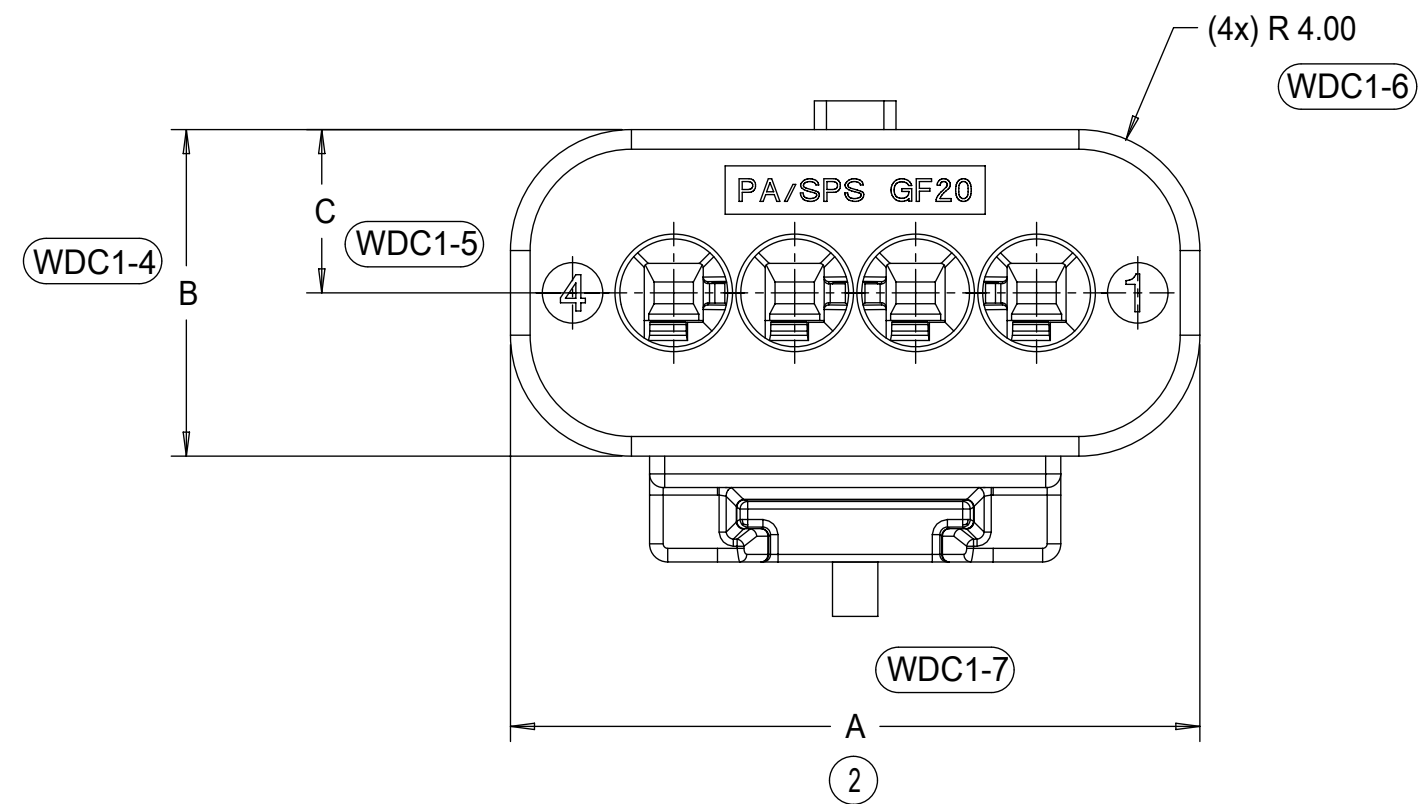


1x6 RECEPTACLE MATED TO 1x6 BLADE, 40 CLIP SLOT	TBD
1x6 RECEPTACLE MATED TO 1x6 BLADE, 11mm CLIP SLOT	33.5
1x6 RECEPTACLE MATED TO 1x6 BLADE, 7mm CLIP SLOT	33.5
1x4 RECEPTACLE MATED TO 1x4 BLADE, 40G CLIP SLOT	25.50
1x4 RECEPTACLE MATED TO 1x4 BLADE, 11mm CLIP SLOT	25.50
1x4 RECEPTACLE MATED TO 1x4 BLADE, 7mm CLIP SLOT	25.50
1.2mm CONNECTION SYSTEM CONFIGURATION	D
CHARTED DIMENSIONS	

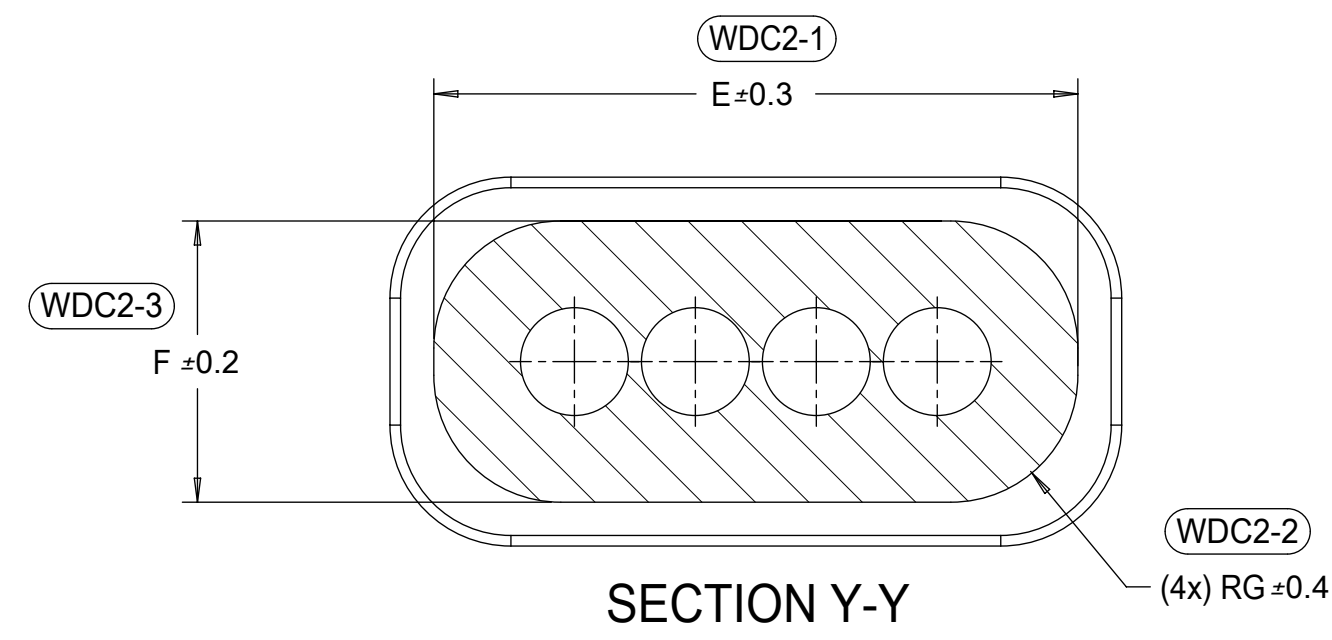
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▽ = 0	EC NO: 645203 DRWN: GELIOTT01 CHKD: MVANSLAMBROU REV: APPR: MVANSLAMBROU	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	
▽ = 0		ANGULAR TOL ± 3.0 °		mm	6:1	
▽ = 0		4 PLACES ±	3 PLACES ±	DRWN BY	DATE	
▽ = 0		2 PLACES ± 0.1	1 PLACE ± 0.2	MVANSLAMBROU	2012/07/13	
▽ = 0		0 PLACES ± 0.5	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CHKD BY	DATE	
▽ = 0				VKOSHY	2012/07/19	
▽ = 0				APPR BY	DATE	
▽ = 0				VKOSHY	2012/07/24	
▽ = 0				DRAWING SIZE	THIRD ANGLE PROJECTION	
▽ = 0				D		
				<b>molex</b>		
				1.2MM 1X4, 1X6 BLADE SEALED ASSEMBLY CABLE SEAL 639764 - REMOVED CPA3 AND REPLACED WITH CPA2 AGAIN 64		
				PRODUCT CUSTOMER DRAWING		
				SERIES	MATERIAL NUMBER	CUSTOMER
				34899	SEE BOM	GENERAL MARKET
				DOCUMENT NUMBER	DOC TYPE	DOC PART SHEET NUMBER
				SD-34899-6001	PSD	001 6 OF 11



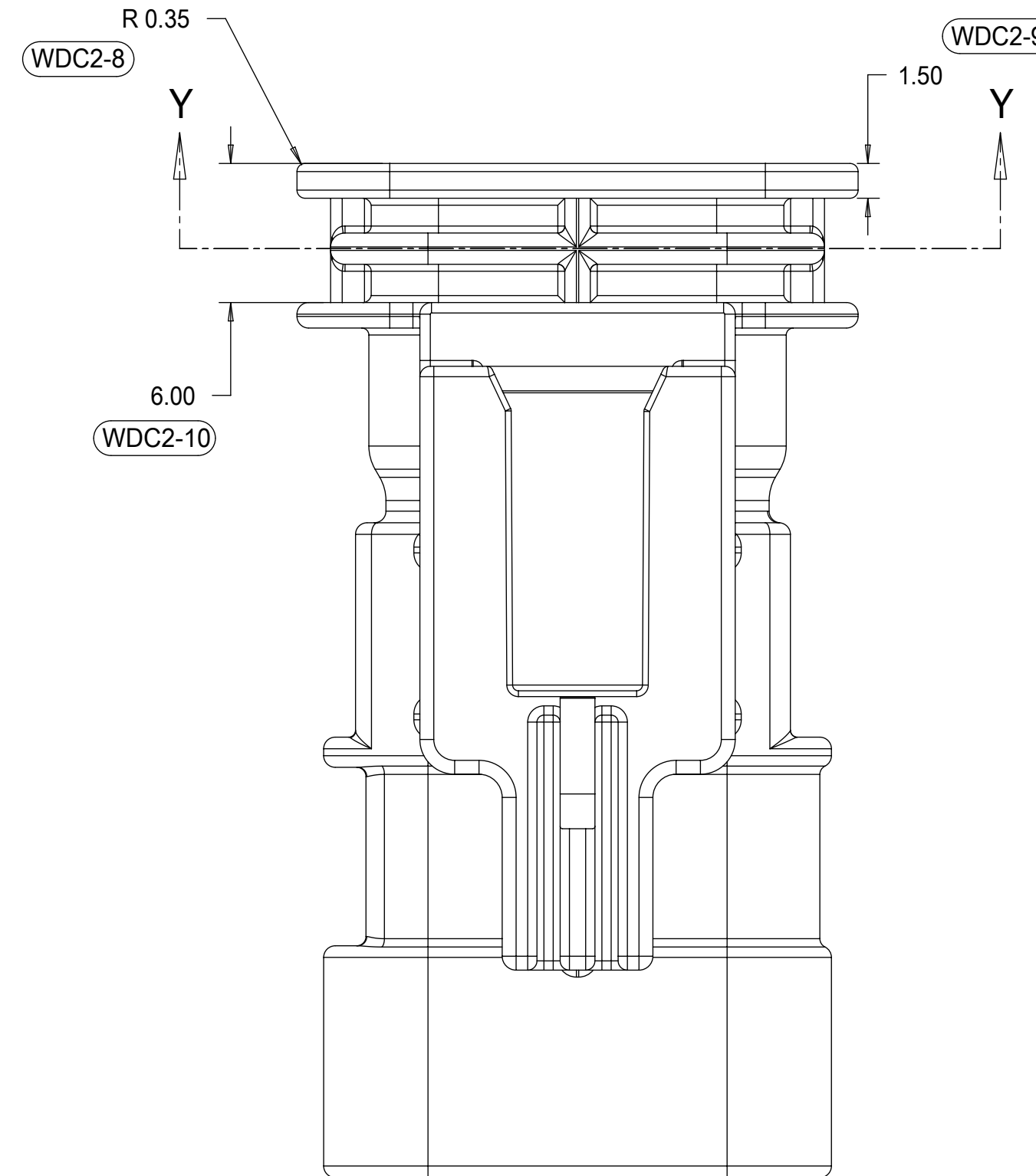
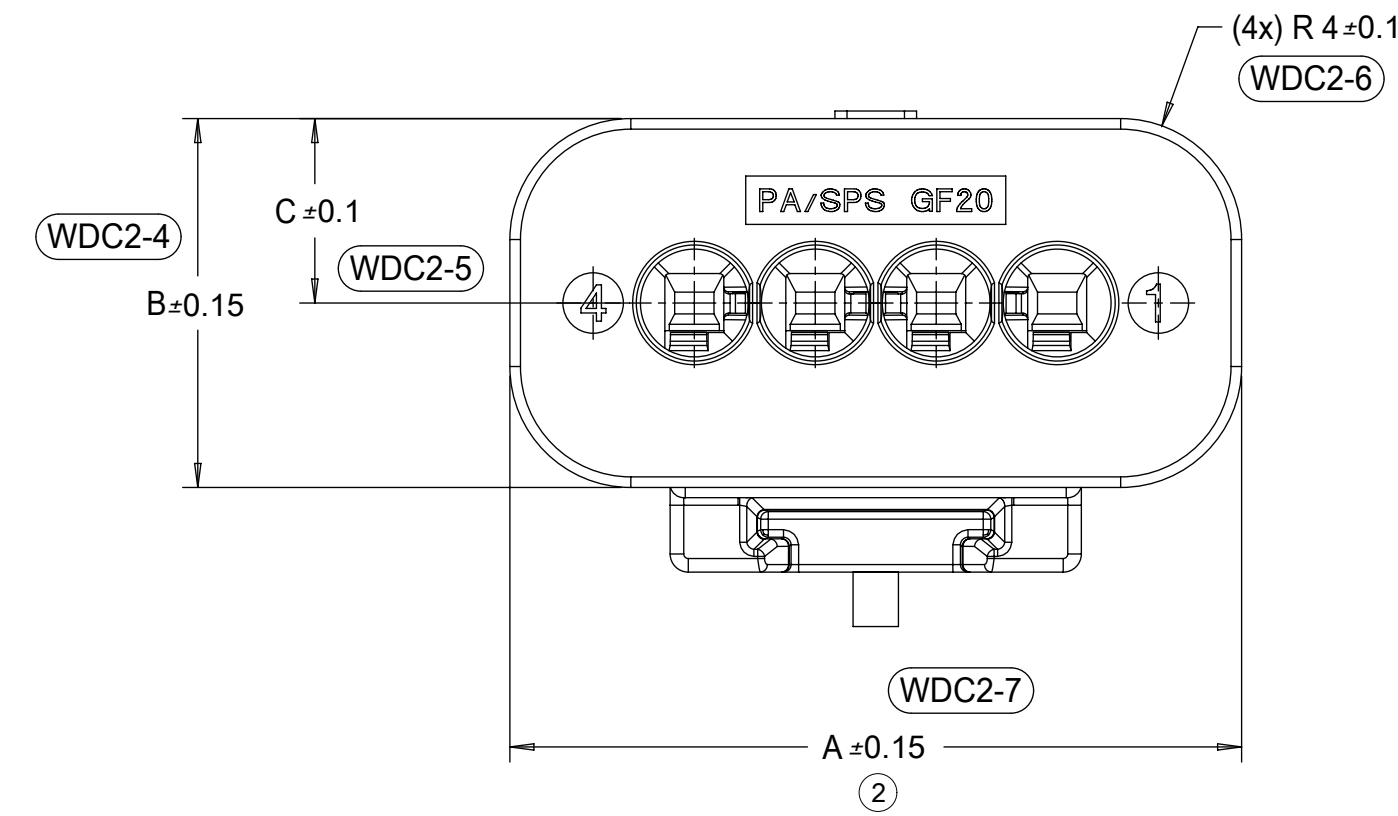
6 CIRCUIT	30.8	10.8	5.4	27.4	7.6	3.0
4 CIRCUIT	22.8	10.8	5.4	19.4	7.6	3.0
CONFIGURATION	A	B	C	E	F	G
<b>CHARTED DIMENSIONS</b>						



WIRE DRESS COVER  
 INTERFACE OPTION 1  
 WIRE DRESS COVERS  
 NOT AVAILABLE



6 CIRCUIT	32.2	12.2	6.1	29.3	9.3	4.2
4 CIRCUIT	24.2	12.2	6.1	21.3	9.3	4.2
CONFIGURATION	A	B	C	E	F	G
<b>CHARTED DIMENSIONS</b>						



WIRE DRESS COVER  
 INTERFACE OPTION 2  
 BASED ON HIRSCHMANN INTERFACE  
 DRAWING 808-012-xxx REV B5

<b>QUALITY SYMBOLS</b> 	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS <b>mm</b>	SCALE <b>4:1</b>		
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ± 0.5	DRWN BY MVANSLAMBROU	DATE 2012/07/13	DRWN BY MVANSLAMBROU		DATE 2012/07/13
EC NO: 645203 DRWN: GELLIOTTO1 CHKD: MVANSLAMBROU REV APPR: MVANSLAMBROU	DATE 2020/09/15	DATE 2020/09/15	APPR BY VKOSHY	DATE 2012/07/19	PRODUCT CUSTOMER DRAWING	
<b>B17</b>	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAFTING SIZE <b>D</b>	THIRD ANGLE PROJECTION	SERIES 34899	MATERIAL NUMBER <b>SEE TABLE</b>	CUSTOMER GENERAL MARKET
RELEASE STATUS P1	RELEASE DATE 2020/09/15	14:05:24	DOCUMENT NUMBER SD-34899-6001	DOC TYPE PSD	DOC PART 001	SHEET NUMBER 7 OF 11





# 1x6 BLADE SEALED ASSEMBLY BOM FOR WIRE DRESS COVER INTERFACE 1 REFER WIRE DRESS INTERFACE SHEET FOR DETAILS

KEYING OPTION A, 40-G CLIP SLOT, BLACK	34899-6070																			A	CONCEPT	
KEYING OPTION A, 40-G CLIP SLOT, YELLOW	34899-6050																			A	CONCEPT	
KEYING OPTION D, 11mm CLIP SLOT, STONE GRAY	34899-6063																		D		OBSOLETE	
KEYING OPTION C, 11mm CLIP SLOT, DARK GRAY	34899-6062																		C		OBSOLETE	
KEYING OPTION B, 11mm CLIP SLOT, LIGHT GRAY	34899-6061																		B		OBSOLETE	
KEYING OPTION A, 11mm CLIP SLOT, BLACK	34899-6060																		A		OBSOLETE	
KEYING OPTION D, 11mm CLIP SLOT, YELLOW	34899-6043																		D		SALEABLE	
KEYING OPTION C, 11mm CLIP SLOT, YELLOW	34899-6042																		C		SALEABLE	
KEYING OPTION B, 11mm CLIP SLOT, YELLOW	34899-6041																		B		OBSOLETE	
KEYING OPTION A, 11mm CLIP SLOT, YELLOW	34899-6040																		A		SALEABLE	
KEYING OPTION D, 7mm CLIP SLOT, STONE GRAY	34899-6023																		D		OBSOLETE	
KEYING OPTION C, 7mm CLIP SLOT, DARK GRAY	34899-6022																		C		OBSOLETE	
KEYING OPTION B, 7mm CLIP SLOT, LIGHT GRAY	34899-6021																		B		SALEABLE	
KEYING OPTION A, 7mm CLIP SLOT, BLACK	34899-6020																		A		OBSOLETE	
KEYING OPTION D, 7mm CLIP SLOT, YELLOW	34899-6013																		D		SALEABLE	
KEYING OPTION C, 7mm CLIP SLOT, YELLOW	34899-6012																		C		SALEABLE	
KEYING OPTION B, 7mm CLIP SLOT, YELLOW	34899-6011																		B		OBSOLETE	
KEYING OPTION A, 7mm CLIP SLOT, YELLOW	34899-6010																		A		SALEABLE	
ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER																				PRODUCTION TOOL STATUS	COMMENTS

PLR	NATURAL	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION A 40G CLIP SLOT	BLACK	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION A 40G CLIP SLOT	YELLOW	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION D 11mm CLIP SLOT	STONE GRAY	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION C 11mm CLIP SLOT	DARK GRAY	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION B 11mm CLIP SLOT	LIGHT GRAY	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION A 11mm CLIP SLOT	BLACK	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION D 11mm CLIP SLOT	YELLOW	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION C 11mm CLIP SLOT	YELLOW	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION B 11mm CLIP SLOT	YELLOW	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION A 11mm CLIP SLOT	YELLOW	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION D 7mm CLIP SLOT	STONE GRAY	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION C 7mm CLIP SLOT	DARK GRAY	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION B 7mm CLIP SLOT	LIGHT GRAY	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION A 7mm CLIP SLOT	BLACK	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION D 7mm CLIP SLOT	YELLOW	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION C 7mm CLIP SLOT	YELLOW	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION B 7mm CLIP SLOT	YELLOW	SPS/NYLON GF20
1x6 CONNECTOR HOUSING, KEYING OPTION A 7mm CLIP SLOT	YELLOW	SPS/NYLON GF20
DESCRIPTION	COLOR	MATERIAL

BOM/APPLICABLE COMPONENTS TABLE

ABBREVIATION	COMPONENT
A	CONNECTOR HOUSING KEYING OPTION A
B	CONNECTOR HOUSING KEYING OPTION B
C	CONNECTOR HOUSING KEYING OPTION C
D	CONNECTOR HOUSING KEYING OPTION D
PLR	PLR


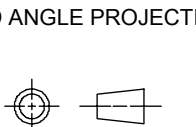
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
QUALITY SYMBOLS	2020/09/11	2020/09/15	2020/09/15	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	 1.2MM 1X4, 1X6 BLADE SEALED ASSEMBLY CABLE SEAL 639764 - REMOVED CPA3 AND REPLACED WITH CPA2 AGAIN 64			PRODUCT CUSTOMER DRAWING						
$\nabla$ = 0	DRWN: GELIOTT01	CHKD: MVANSLAMBROU	REV: APPR: MVANSLAMBROU	ANGULAR TOL $\pm$ 3.0 °	mm	2:1				DRWN BY	DATE	MVANSAMBROU	2012/07/13	SERIES	MATERIAL NUMBER	CUSTOMER
$\nabla$ = 0				4 PLACES $\pm$						CHKD BY	DATE	VKOSHY	2012/07/19	34899	SEE BOM	GENERAL MARKET
$\nabla$ = 0				3 PLACES $\pm$						APPR BY	DATE	VKOSHY	2012/07/24			
$\nabla$ = 0				2 PLACES $\pm$ 0.1			DRAWING SIZE	THIRD ANGLE PROJECTION	D		DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER		
$\nabla$ = 0				1 PLACE $\pm$ 0.2							SD-34899-6001	PSD	001	10 OF 11		
$\nabla$ = 0				0 PLACES $\pm$ 0.5												
$\nabla$ = 0				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												

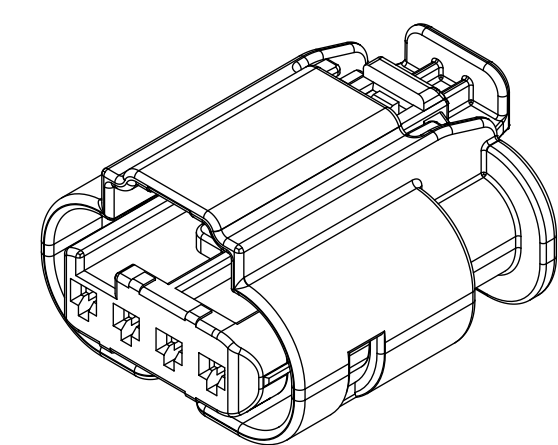
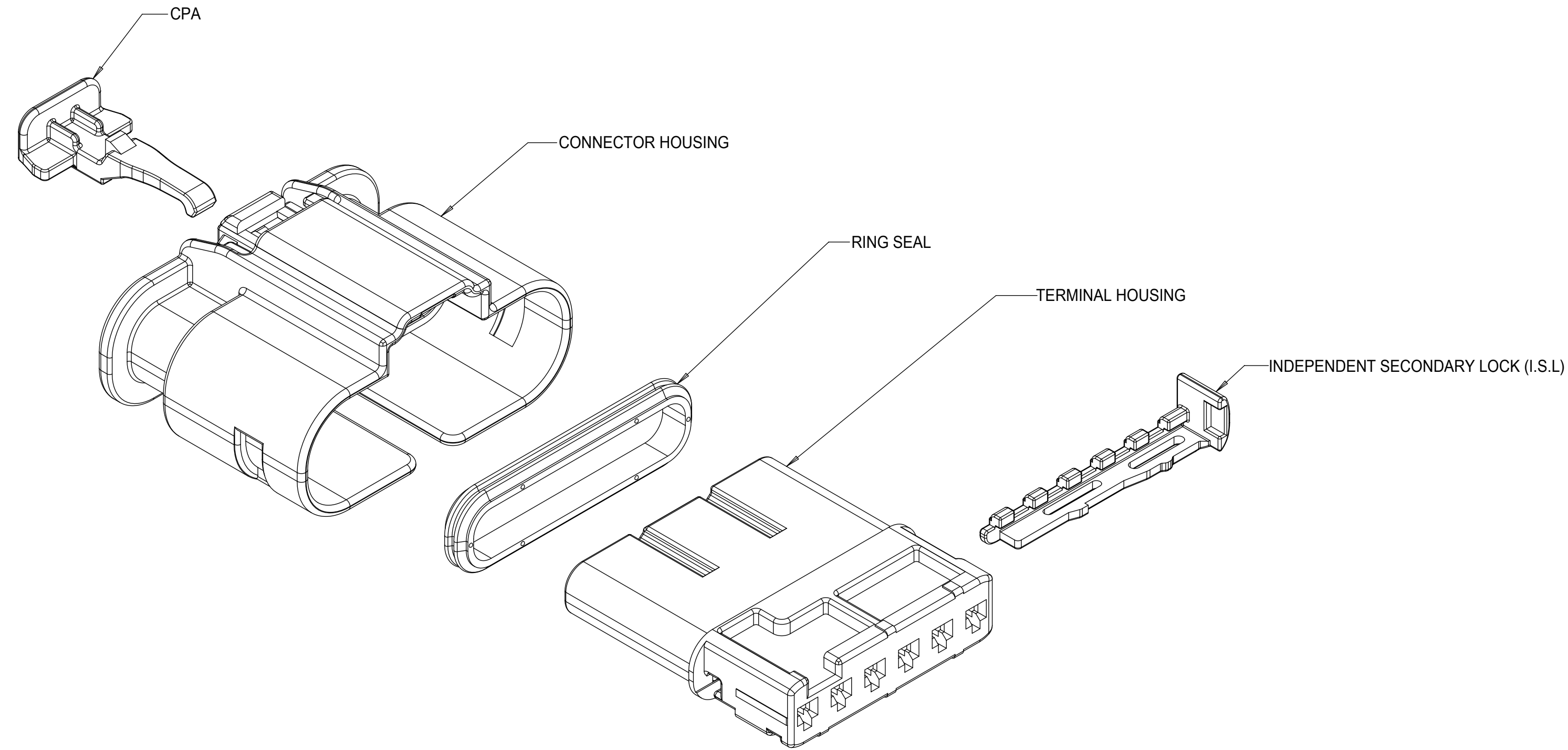


TABLE OF CONTENTS

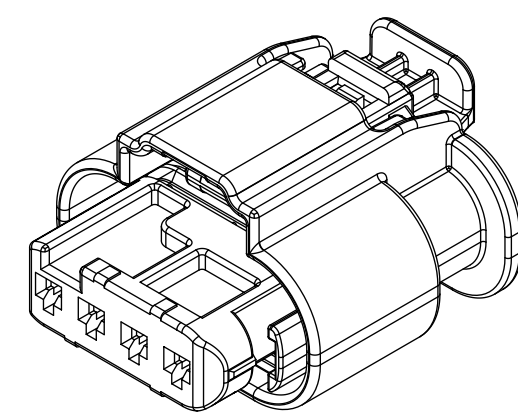
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1	NOTES
2	1x4 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS
3	1x6 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS
4	RECEPTACLE SEALED ASSEMBLY
5	1x4 RECEPTACLE SEALED ASSEMBLY BOM SHEET
6	1x6 RECEPTACLE SEALED ASSEMBLY BOM SHEET

NOTES: VALID UNLESS OTHERWISE SPECIFIED

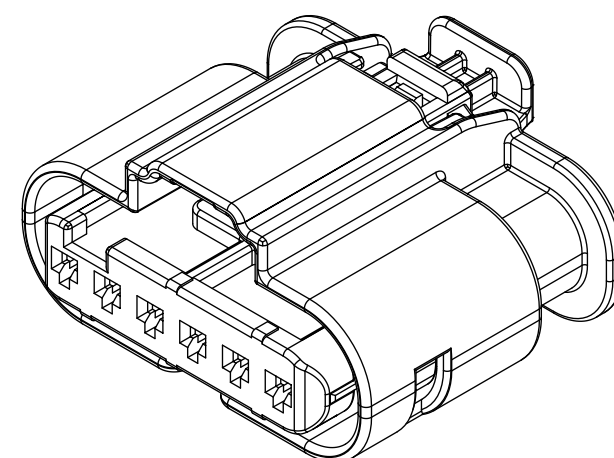
1. GENERAL:
  - a. APPLICATION SPECIFICATION SEE: AS-34900-0001  
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
  - b. PRODUCT SPECIFICATION SEE: PS-34900-0001  
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, APPROVED TERMINALS, SINGLE WIRE SEALS, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
  - c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31301-898
  - d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
  - e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
  - f. DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN BOM CHART USCAR INTERFACE DRAWINGS AND MODELS ARE AVAILABLE AT <http://ewcap.uscarteams.org/>.
2. DESIGN - MATERIALS:
  - a. SEE BOM TABLE
3. DESIGN - GEOMETRY:
  - a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
  - b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
  - c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
  - d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
  - e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
  - f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B) CAD MODEL.
  - g. LASER MARKING:
    1. PART NUMBER
    2. DAY OF THE YEAR
    3. SHIFT
    4. YEAR



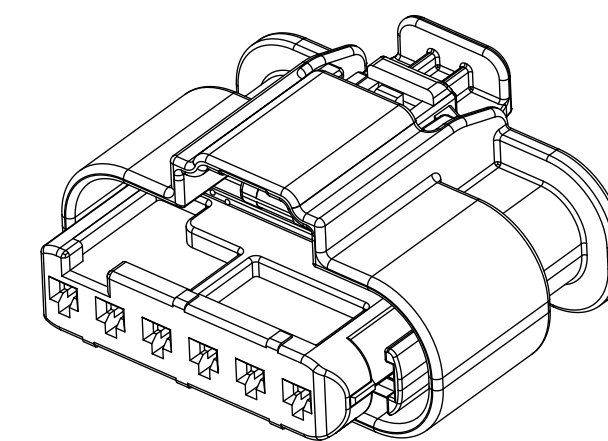
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LONG SHROUD



1x4 RECEPTACLE SEALED ASSEMBLY  
MID LENGTH SHROUD



1x6 RECEPTACLE SEALED ASSEMBLY  
LONG SHROUD

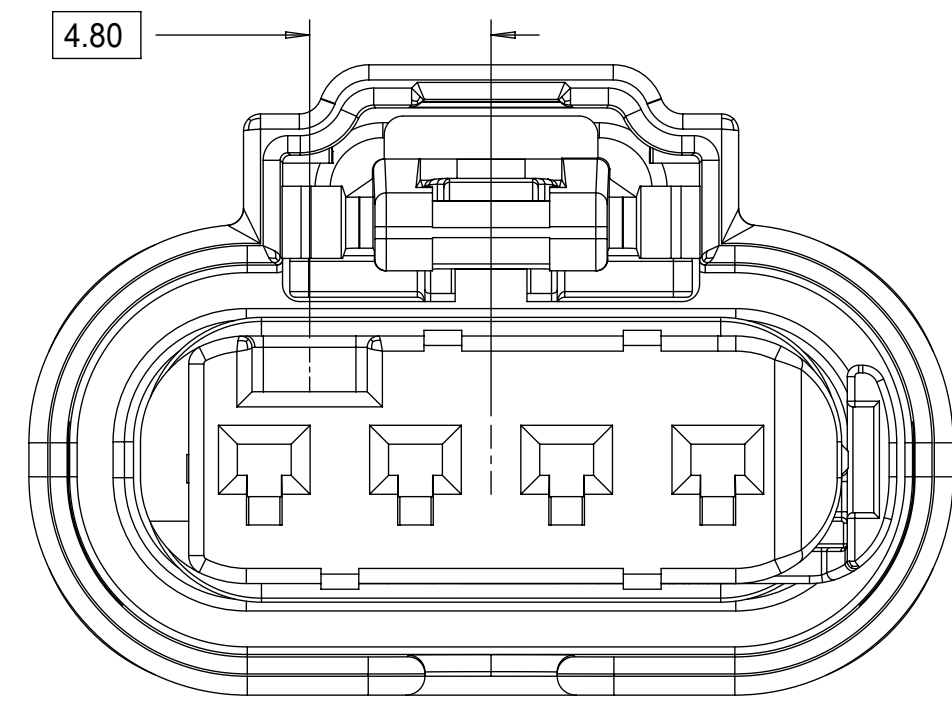


1x6 RECEPTACLE SEALED ASSEMBLY  
MID LENGTH SHROUD

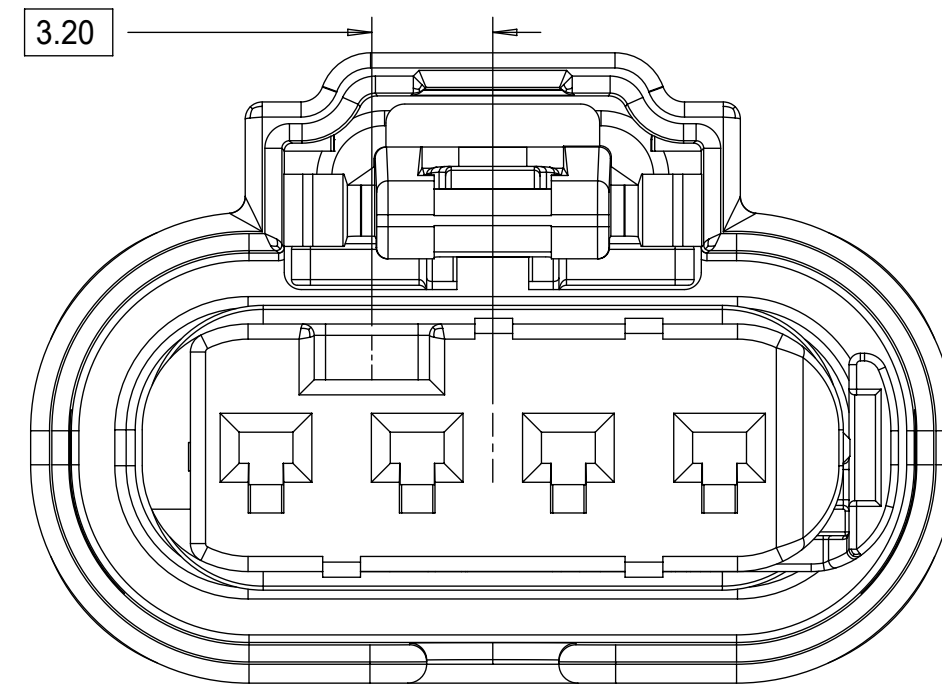
A15-A17	REMOVED CPA3
A14	UPDATED STATUS, ADDED WIRE DRESS COVERS
A13	NX-REMASTER, ADDED CPA2 PART NUMBERS ABD OBSLETE PAGE
A12	RELEASE ALL KEYS SALEABLE
A11	RELEASE NON SIR SALEABLE
A10	PART #'S WITH NEW LATCH DESIGN SALEABLE
A9	PART #'S WITH NEW LATCH DESIGN SALEABLE
A8	ADDED NEW PART NUMBERS FOR LATCH IMPROVEMENT PARTS
A7	UPDATED 34900-6012 AND 34900-6012 TO SALEBLE
A6	UPDATED SHROUD LENGTH DIMENSION SCHEME
A5	BOM CORRECTIONS AND UPDATES
A4	BOM CORRECTIONS AND UPDATES
A3	NON SIR PART# OK TO TOOL
A2	BOM UPDATES FOR NON-SIR PART #
A1	1X6 MID LENGTH SHROUD OK TO TOOL
A	1X4 INLINE VIEWS ADDED
1	INITIAL RELEASE
REV	DESCRIPTION

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
QUALITY SYMBOLS	EC NO: 639764 DRWN: GELIOTTO1 CHKD: KBORUSZEWSKI REV APPR: KBORUSZEWSKI				GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DIMENSION UNITS: mm SCALE: 3:1 DRWN BY: MVANSLAMBROU DATE: 2012/05/03 CHKD BY: DATE: APPR BY: GGA DATE: 2012/12/13			
1.2MM 1X4, 1X6 RECPT. SEALED ASSEMBLY CABLE SEAL 626759 - CHANGED CPA2 TO CPA2. ROLLING CHANGE AT GM.										
PRODUCT CUSTOMER DRAWING										
SERIES: 34900		MATERIAL NUMBER: SEE TABLE				CUSTOMER: GENERAL MARKET				
DOCUMENT NUMBER: SD-34900-6001		DOC TYPE: PSD		DOC PART: 001		SHEET NUMBER: 1 OF 7				

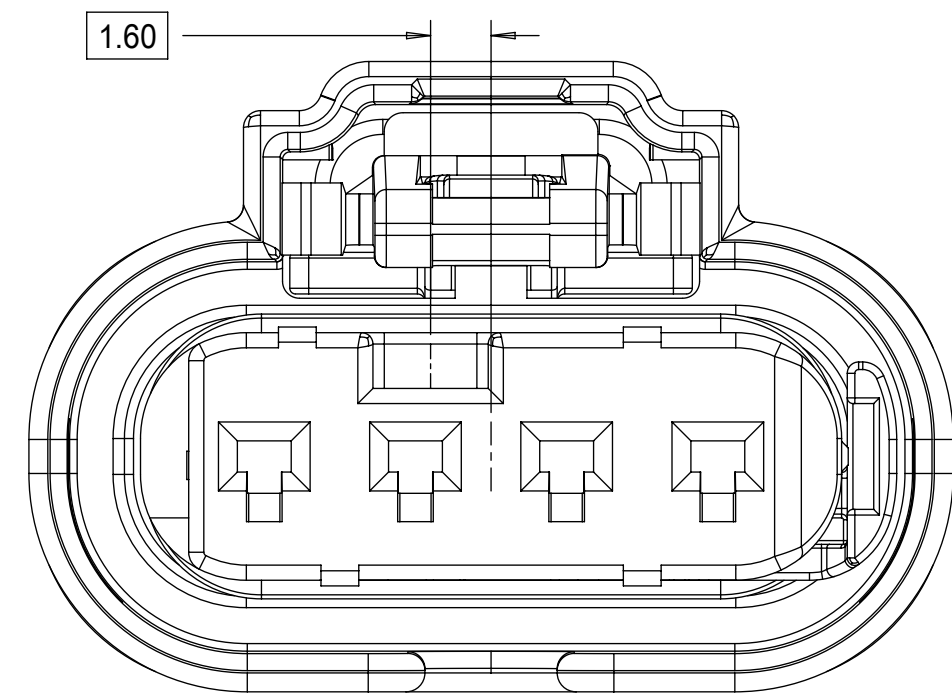
1x4 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS. FOR PART NUMBERS REFER TO BOM SHEET.



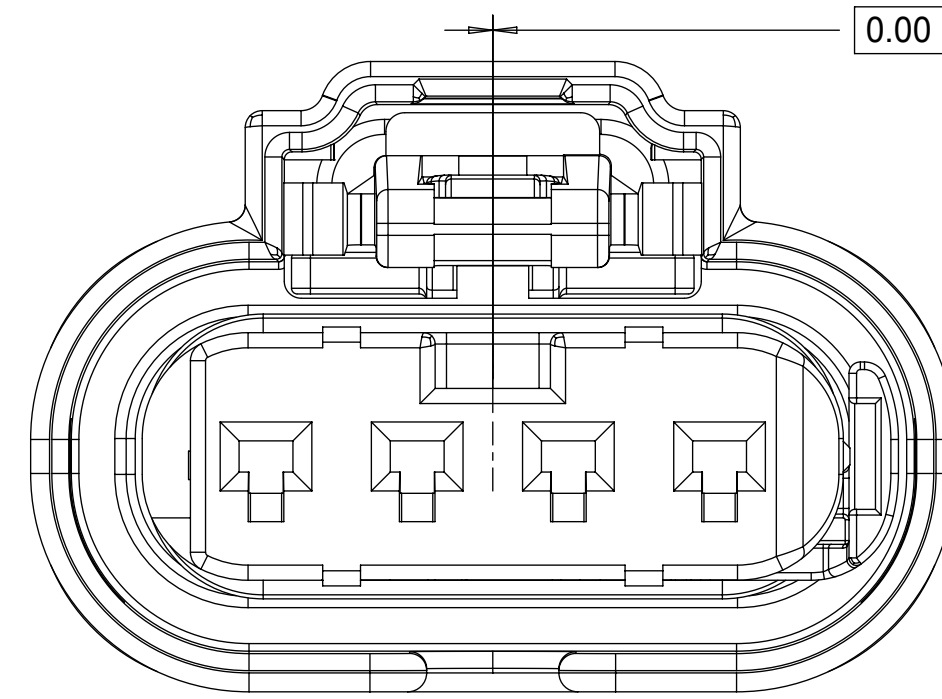
KEYING OPTION A



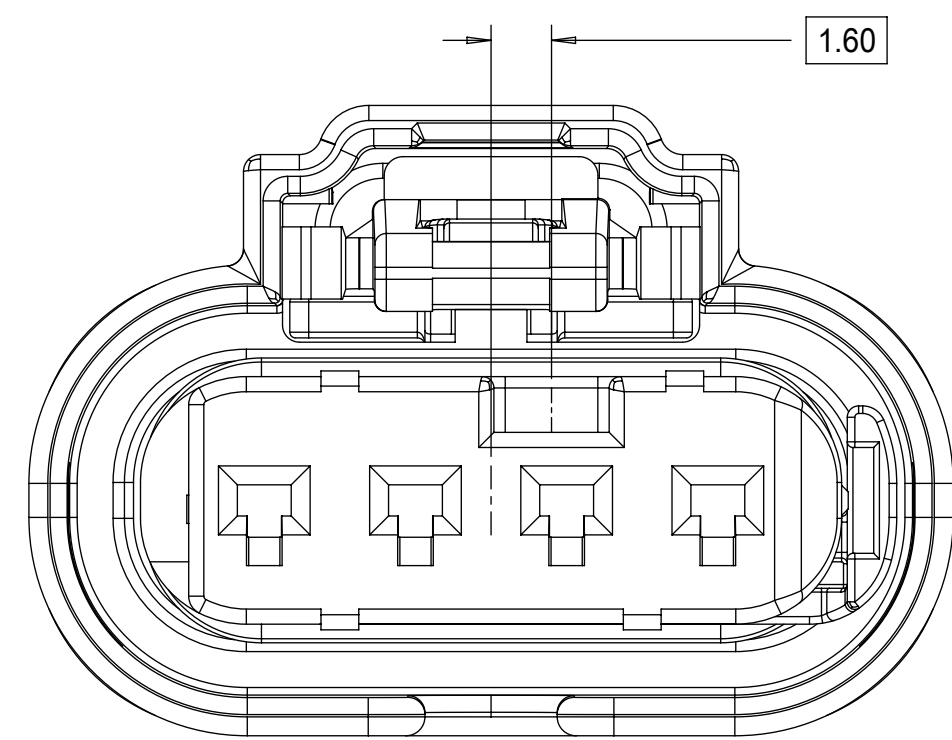
KEYING OPTION E



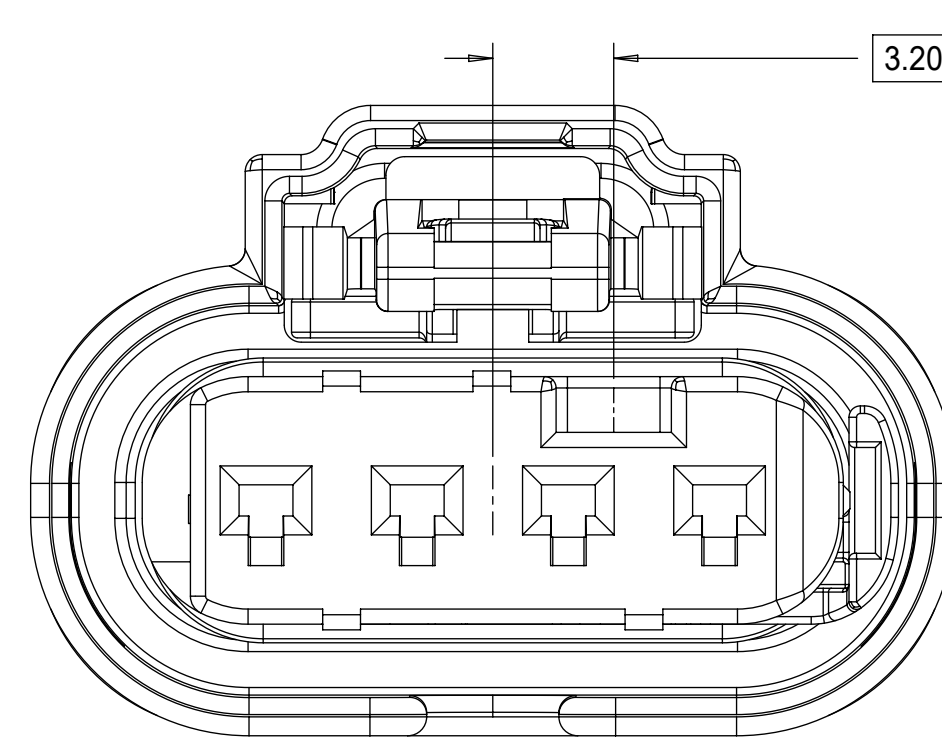
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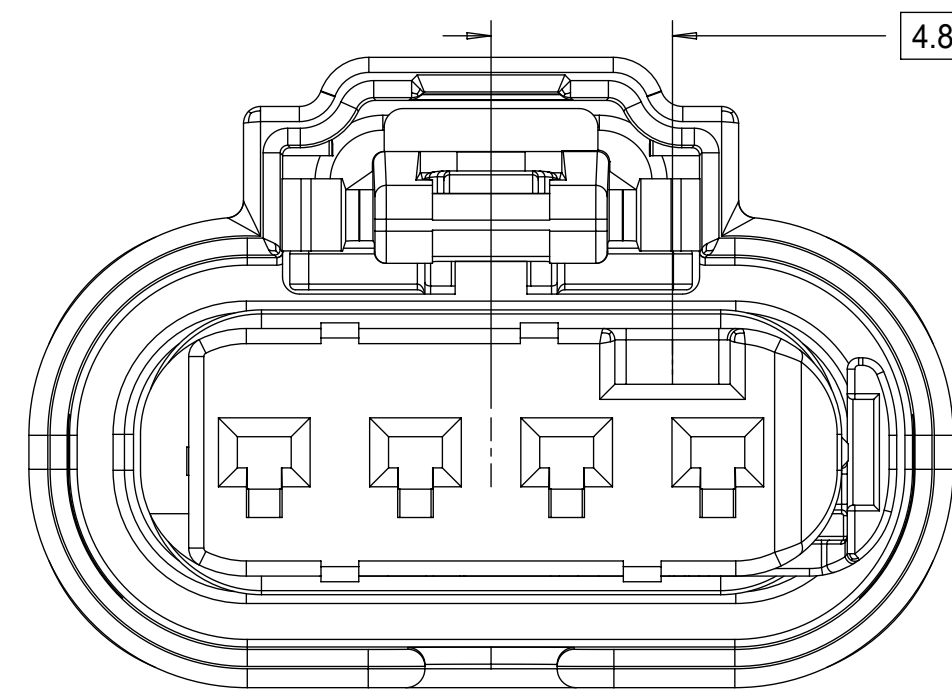
KEYING OPTION F



KEYING OPTION C



KEYING OPTION G

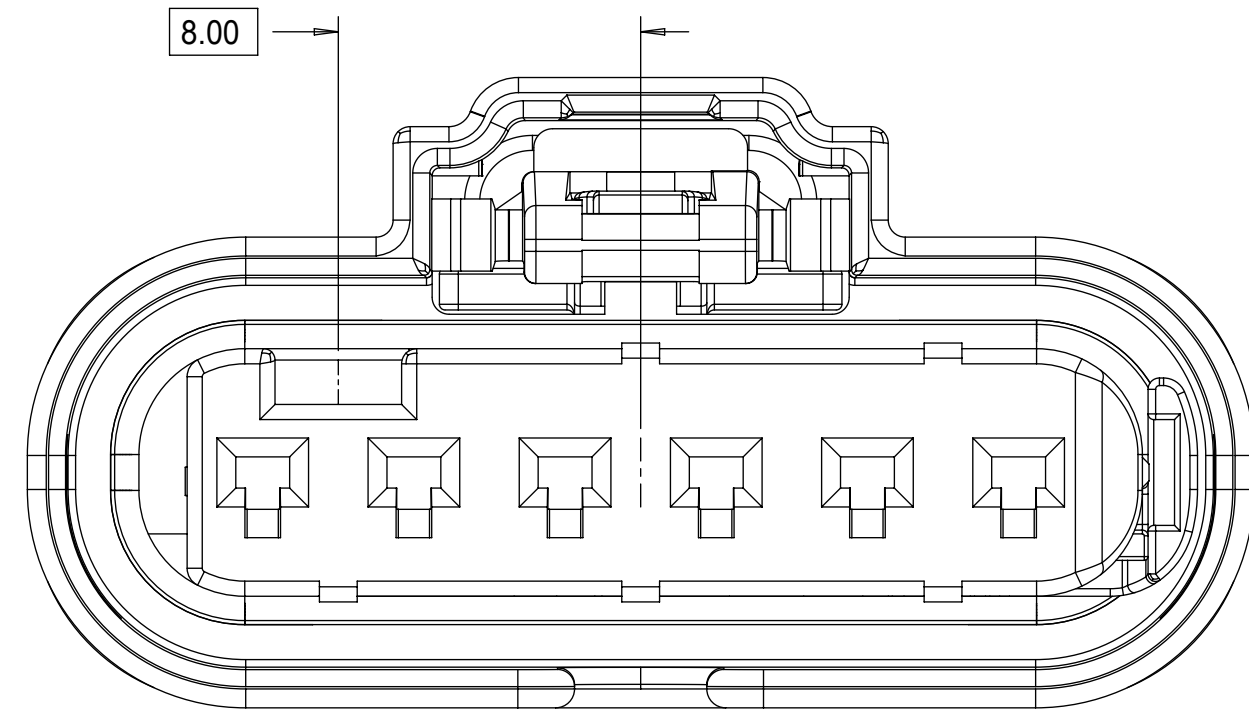


KEYING OPTION D

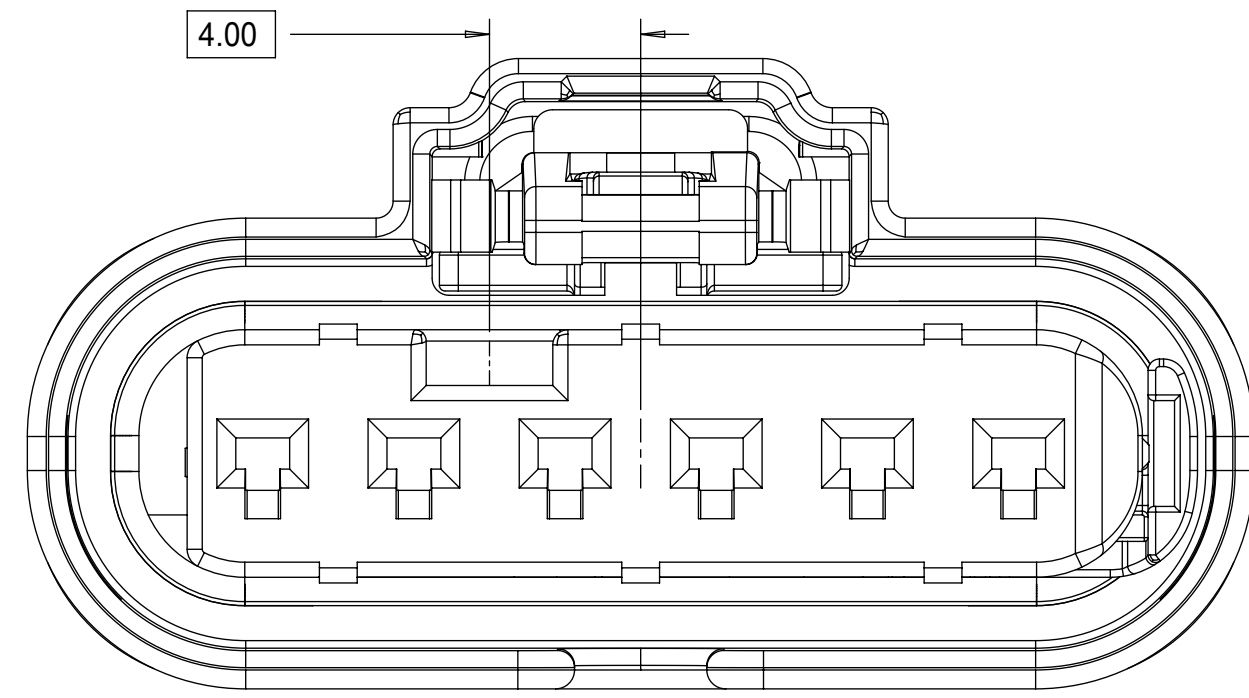
<b>QUALITY SYMBOLS</b> □ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	EC NO: 639764	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE							
	DRWN: GELLIOTTO1	ANGULAR TOL ± °		mm	5:1							
	CHKD: KBORUSZEWSKI	4 PLACES ±		DRWN BY	DATE	1.2MM 1X4, 1X6 RECPT. SEALED ASSEMBLY CABLE SEAL 626759 - CHANGED CPA2 TO CPA2. ROLLING CHANGE AT GM.						
	REV APPR: KBORUSZEWSKI	3 PLACES ±		MVANSLAMBROU	2012/05/03							
		2 PLACES ± 0.1		CHKD BY	DATE	PRODUCT CUSTOMER DRAWING						
		1 PLACE ± 0.2		APPR BY	DATE							
		0 PLACES ± 0.5		GGA	2012/12/13	SERIES	MATERIAL NUMBER	CUSTOMER				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	34900	SEE BOM	GENERAL MARKET				
				D		DOCUMENT NUMBER	SD-34900-6001	DOC TYPE	PSD	DOC PART	001	SHEET NUMBER



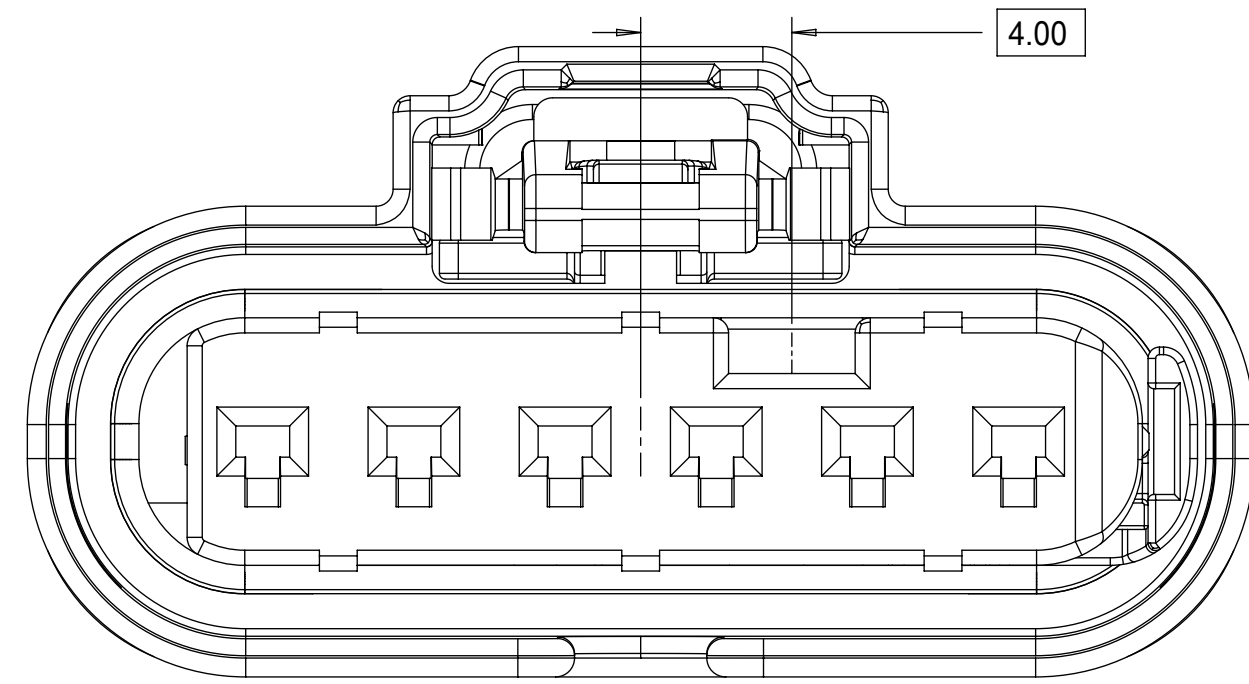
1x6 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS. FOR PART NUMBERS REFER TO BOM SHEET.



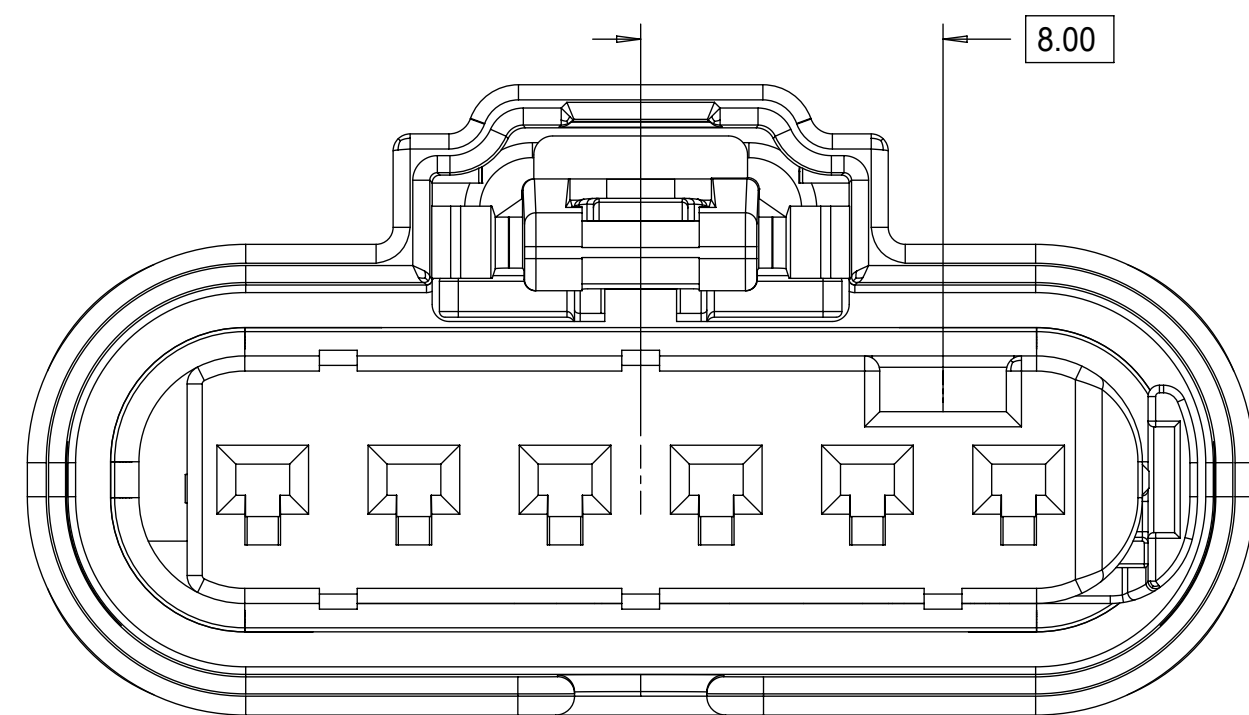
KEYING OPTION A



KEYING OPTION B



KEYING OPTION C



KEYING OPTION D

QUALITY SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION UNITS: mm SCALE: 5:1 ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN BY: MVANSLAMBROU DATE: 2012/05/03 CHKD BY: DATE: APPR BY: GGA DATE: 2012/12/13 DRAWING SIZE: D THIRD ANGLE PROJECTION		molex® 1.2MM 1X4, 1X6 RECPT. SEALED ASSEMBLY CABLE SEAL 626759 - CHANGED CPA2 TO CPA2. ROLLING CHANGE AT GM. PRODUCT CUSTOMER DRAWING		SERIES: 34900 MATERIAL NUMBER: SEE BOM CUSTOMER: GENERAL MARKET	
EC NO: 639764 DRWN: GELLIOTTO1 CHKD: KBORUSZEWSKI REV APPR: KBORUSZEWSKI		2020/06/17 2020/06/23 2020/06/23		A17		DOCUMENT NUMBER: SD-34900-6001 DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 3 OF 7		RELEASE STATUS: P1 RELEASE DATE: 2020/06/23 16:54:53		19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	



# 1X4 RECEPTACLE SEALED ASSEMBLY BOM SHEET 1

KEY OPTION	ASSEMBLY DESCRIPTION	CONNECTOR HOUSING COLOR	TERMINAL HOUSING COLOR	OUTER HOUSING SHROUD LENGTH	ASSEMBLY PART NUMBER	CHB	CHY	CHMB	A	B	C	D	E	F	G	CPA1	CPA2	PRODUCTION TOOL STATUS	COMMENTS	DESIGNED TO MATE WITH DEVICE CONNECTION		
KEY OPTION G	BLACK	LIGHT GRAY	LONG	34900-4226	CHB										G	CPA2	SALABLE			1	2	
KEY OPTION F	BLACK	BLACK	LONG	34900-4225	CHB									F		CPA2	SALABLE			1	2	
KEY OPTION E	BLACK	DARK GRAY	LONG	34900-4224	CHB								E			CPA2	SALABLE			1	2	
KEY OPTION D	BLACK	LIGHT GRAY	LONG	34900-4223	CHB							D				CPA2	SALABLE			1	2	
KEY OPTION C	BLACK	DARK GRAY	LONG	34900-4222	CHB							C				CPA2	SALABLE			1	2	
KEY OPTION B	BLACK	STONE GRAY	LONG	34900-4221	CHB							B				CPA2	SALABLE			1	2	
KEY OPTION A	BLACK	BLACK	LONG	34900-4220	CHB							A				CPA2	SALABLE			1	2	
KEY OPTION G	YELLOW	LIGHT GRAY	LONG	34900-4216	CHY										G	CPA2	SALABLE			1	2	
KEY OPTION F	YELLOW	BLACK	LONG	34900-4215	CHY									F		CPA2	SALABLE			1	2	
KEY OPTION E	YELLOW	DARK GRAY	LONG	34900-4214	CHY								E			CPA2	SALABLE			1	2	
KEY OPTION D	YELLOW	LIGHT GRAY	LONG	34900-4213	CHY							D				CPA2	SALABLE			1	2	
KEY OPTION C	YELLOW	DARK GRAY	LONG	34900-4212	CHY							C				CPA2	SALABLE			1	2	
KEY OPTION B	YELLOW	STONE GRAY	LONG	34900-4211	CHY							B				CPA2	SALABLE			1	2	
KEY OPTION A	YELLOW	BLACK	LONG	34900-4210	CHY							A				CPA2	SALABLE			1	2	
KEY OPTION G	BLACK	LIGHT GRAY	MID LENGTH	34900-4136				CHMB							F	CPA2	CONCEPT			1	2	
KEY OPTION F	BLACK	BLACK	MID LENGTH	34900-4135				CHMB							E		CPA2	CONCEPT			1	2
KEY OPTION E	BLACK	DARK GRAY	MID LENGTH	34900-4134				CHMB							D		CPA2	CONCEPT			1	2
KEY OPTION D	BLACK	LIGHT GRAY	MID LENGTH	34900-4133				CHMB							C		CPA2	CONCEPT			1	2
KEY OPTION C	BLACK	DARK GRAY	MID LENGTH	34900-4132				CHMB							B		CPA2	CONCEPT			1	2
KEY OPTION B	BLACK	STONE GRAY	MID LENGTH	34900-4131				CHMB							A		CPA2	CONCEPT			1	2
KEY OPTION A	BLACK	BLACK	MID LENGTH	34900-4130				CHMB									CPA2	CONCEPT			1	2
KEY OPTION G	BLACK	LIGHT GRAY	LONG	34900-4126	CHB										G	CPA1	SALABLE			1	2	
KEY OPTION F	BLACK	BLACK	LONG	34900-4125	CHB										F		CPA1	SALABLE			1	2
KEY OPTION E	BLACK	DARK GRAY	LONG	34900-4124	CHB										E		CPA1	SALABLE			1	2
KEY OPTION D	BLACK	LIGHT GRAY	LONG	34900-4123	CHB										D		CPA1	SALABLE			1	2
KEY OPTION C	BLACK	DARK GRAY	LONG	34900-4122	CHB										C		CPA1	SALABLE			1	2
KEY OPTION B	BLACK	STONE GRAY	LONG	34900-4121	CHB										B		CPA1	SALABLE			1	2
KEY OPTION A	BLACK	BLACK	LONG	34900-4120	CHB										A		CPA1	SALABLE			1	2
KEY OPTION G	YELLOW	LIGHT GRAY	LONG	34900-4116	CHY										G	CPA1	SALABLE			1	2	
KEY OPTION F	YELLOW	BLACK	LONG	34900-4115	CHY										F		CPA1	SALABLE			1	2
KEY OPTION E	YELLOW	DARK GRAY	LONG	34900-4114	CHY										E		CPA1	SALABLE			1	2
KEY OPTION D	YELLOW	LIGHT GRAY	LONG	34900-4113	CHY										D		CPA1	SALABLE			1	2
KEY OPTION C	YELLOW	DARK GRAY	LONG	34900-4112	CHY										C		CPA1	SALABLE			1	2
KEY OPTION B	YELLOW	STONE GRAY	LONG	34900-4111	CHY										B		CPA1	SALABLE			1	2
KEY OPTION A	YELLOW	BLACK	LONG	34900-4110	CHY										A		CPA1	SALABLE			1	2

DESCRIPTION	COLOR	MATERIAL	COMMENTS
RING SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE	
ISL	NATURAL	SPS/NYLON GF20	
CPA2	RED	PBT GF30	
CPA1	RED	PBT GF30	
TERMINAL HOUSING KEYING OPTION G	LIGHT GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION F	BLACK	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION E	DARK GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION D	LIGHT GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION C	DARK GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION B	STONE GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION A	BLACK	SPS/NYLON GF20	
MID LENGTH CONNECTOR HOUSING	BLACK	SPS/NYLON GF20	
CONNECTOR HOUSING	BLACK	SPS/NYLON GF20	UPDATED LATCH
CONNECTOR HOUSING	YELLOW	SPS/NYLON GF20	UPDATED LATCH
WIRE DRESS COVER STRAIGHT	BLACK	PA66	
WIRE DRESS COVER LEFT	BLACK	PA66	SOLD SEPARATELY SEE SD-160091-0001
WIRE DRESS COVER RIGHT	BLACK	PA66	
DESCRIPTION	COLOR	MATERIAL	COMMENTS

BOM/APPLICABLE COMPONENTS TABLE

ABREVIATION	COMPONENT
CHY	CONNECTOR HOUSING YELLOW
CHB	CONNECTOR HOUSING BLACK
CHBM	CONNECTOR HOUSING BLACK MID SHROUD
A	TERMINAL HOUSING KEY A
B	TERMINAL HOUSING KEY B
C	TERMINAL HOUSING KEY C
D	TERMINAL HOUSING KEY D
E	TERMINAL HOUSING KEY E
F	TERMINAL HOUSING KEY F
G	TERMINAL HOUSING KEY G
CPA1	CPA VERSION 1
CPA2	CPA VERSION 2
ISL	ISL
RING SEAL	RING SEAL
1	USCAR INTERFACE 120-S-004-1-Z02 SEE NOTE 1f FOR WEBSITE
2	MOLEX INLINE BLADE CONNECTOR SD-34899-6001

<b>QUALITY SYMBOLS</b> 	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	EC NO: 639764 DRWN: GELIOTT01 CHKD: KBORUSZEWSKI REV APPR: KBORUSZEWSKI	2020/06/17 2020/06/23 2020/06/23	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ± 0.5	DIMENSION UNITS: mm SCALE: 5:1 DRWN BY: MVANSLAMBROU DATE: 2012/05/03 CHKD BY: DATE: APPR BY: GGA DATE: 2012/12/13	 1.2MM 1X4, 1X6 RECPT. SEALED ASSEMBLY CABLE SEAL 626759 - CHANGED CPA2 TO CPA1. ROLLING CHANGE AT GM. PRODUCT CUSTOMER DRAWING SERIES: 34900 MATERIAL NUMBER: SEE BOM CUSTOMER: GENERAL MARKET DOCUMENT NUMBER: SD-34900-6001 DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 5 OF 7
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE: D THIRD ANGLE PROJECTION		
	RELEASE STATUS: P1 RELEASE DATE: 2020/06/23 16:54:53				

# 1X6 RECEPTACLE SEALED ASSEMBLY BOM SHEET 1

KEYING OPTION D	BLACK	STONE GRAY	MID LENGTH	34900-6230			CHMB			D	CPA2	SALABLE		1		3
KEYING OPTION C	BLACK	DARK GRAY	MID LENGTH	34900-6221			CHMB			C	CPA2	SALABLE		1		3
KEYING OPTION B	BLACK	LIGHT GRAY	MID LENGTH	34900-6228			CHMB		B		CPA2	SALABLE		1		3
KEYING OPTION A	BLACK	BLACK	MID LENGTH	34900-6219			CHMB	A			CPA2	SALABLE		1		3
KEYING OPTION D	BLACK	STONE GARY	LONG	34900-6243			CHLB			D	CPA2	SALABLE		1	2	
KEYING OPTION C	BLACK	DARK GRAY	LONG	34900-6242			CHLB			C	CPA2	SALABLE		1	2	
KEYING OPTION B	BLACK	LIGHT GRAY	LONG	34900-6241			CHLB		B		CPA2	SALABLE		1	2	
KEYING OPTION A	BLACK	BLACK	LONG	34900-6240			CHLB	A			CPA2	SALABLE		1	2	
KEYING OPTION D	YELLOW	STONE GRAY	LONG	34900-6213	CHLY					D	CPA2	SALABLE		1	2	
KEYING OPTION C	YELLOW	DARK GRAY	LONG	34900-6212	CHLY					C	CPA2	SALABLE		1	2	
KEYING OPTION B	YELLOW	LIGHT GRAY	LONG	34900-6211	CHLY				B		CPA2	SALABLE		1	2	
KEYING OPTION A	YELLOW	BLACK	LONG	34900-6210	CHLY				A		CPA2	SALABLE		1	2	
KEYING OPTION D	BLACK	STONE GRAY	MID LENGTH	34900-6130			CHMB			D	CPA1	SALABLE		1		3
KEYING OPTION C	BLACK	DARK GRAY	MID LENGTH	34900-6121			CHMB			C	CPA1	SALABLE		1		3
KEYING OPTION B	BLACK	LIGHT GRAY	MID LENGTH	34900-6128			CHMB		B		CPA1	SALABLE		1		3
KEYING OPTION A	BLACK	BLACK	MID LENGTH	34900-6119			CHMB	A			CPA1	SALABLE		1		3
KEYING OPTION D	BLACK	STONE GARY	LONG	34900-6143			CHLB			D	CPA1	SALABLE		1	2	
KEYING OPTION C	BLACK	DARK GRAY	LONG	34900-6142			CHLB			C	CPA1	SALABLE		1	2	
KEYING OPTION B	BLACK	LIGHT GRAY	LONG	34900-6141			CHLB		B		CPA1	SALABLE		1	2	
KEYING OPTION A	BLACK	BLACK	LONG	34900-6140			CHLB	A			CPA1	SALABLE		1	2	
KEYING OPTION D	YELLOW	STONE GRAY	LONG	34900-6113	CHLY					D	CPA1	SALABLE		1	2	
KEYING OPTION C	YELLOW	DARK GRAY	LONG	34900-6112	CHLY					C	CPA1	SALABLE		1	2	
KEYING OPTION B	YELLOW	LIGHT GRAY	LONG	34900-6111	CHLY				B		CPA1	SALABLE		1	2	
KEYING OPTION A	YELLOW	BLACK	LONG	34900-6110	CHLY				A		CPA1	SALABLE		1	2	
ASSEMBLY DESCRIPTION	CONNECTOR HOUSING COLOR	TERMINAL CAVITY COLOR	OUTER HOUSING SHROUD LENGTH	ASSEMBLY PART NUMBER				A	B	C	D	CPA1	CPA2	STATUS	COMMENTS	DESIGNED TO MATE WITH DEVICE CONNECTION

DESCRIPTION	COLOR	MATERIAL	COMMENTS
RING SEAL	BURNT RED	INHERENTLY LUBRICATED SILICONE	
ISL	NATURAL	SPS/NYLON GF20	
CPA2	RED	PBT GF30	
CPA1	RED	PBT GF30	
TERMINAL HOUSING KEYING OPTION D	STONE GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION C	DARK GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION B	LIGHT GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION A	BLACK	SPS/NYLON GF20	
CONNECTOR HOUSING MID LENGTH	BLACK	SPS/NYLON GF20	UPDATED LATCH
CONNECTOR HOUSING LONG	BLACK	SPS/NYLON GF20	UPDATED LATCH
CONNECTOR HOUSING LONG	YELLOW	SPS/NYLON GF20	UPDATED LATCH
WIRE DRESS COVER STRAIGHT	BLACK	PA66	SOLD SEPARATELY SEE SD-160091-0001
WIRE DRESS COVER LEFT	BLACK	PA66	
WIRE DRESS COVER RIGHT	BLACK	PA66	

BOM / APPLICABLE COMPONENTS TABLE

## LEGEND TABLE

ABREVIATION	COMPONENT
CHLY	CONNECTOR HOUSING LONG YELLOW
CHLB	CONNECTOR HOUSING LONG BLACK
CHMB	CONNECTOR HOUSING MEDIUM BLACK
A	TERMINAL HOUSING KEY A
B	TERMINAL HOUSING KEY B
C	TERMINAL HOUSING KEY C
D	TERMINAL HOUSING KEY D
CPA1	CPA VERSION 1
CPA2	CPA VERSION 2
ISL	ISL
RING SEAL	RING SEAL
1	USCAR INTERFACE 120-S-006-1-Z02 SEE NOTE 1f FOR WEBSITE
2	MOLEX INLINE BLADE CONNECTOR SD-34899-6001
3	USCAR INTERFACE 120-S-006-1-Z04 SEE NOTE 1f FOR WEBSITE

<b>QUALITY SYMBOLS</b> 	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	EC NO: 639764 DRWN: GELIOTT01 CHKD: KBORUSZEWSKI REV APPR: KBORUSZEWSKI	2020/06/17 2020/06/23 2020/06/23	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ± 0.5	DIMENSION UNITS: mm SCALE: 2:1 DRWN BY: MVANSLAMBROU DATE: 2012/05/03 CHKD BY: DATE: APPR BY: GGA DATE: 2012/12/13	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			D:	1.2MM 1X4, 1X6 RECPT. SEALED ASSEMBLY CABLE SEAL 626759 - CHANGED CPA2 TO CPA2. ROLLING CHANGE AT GM.
	PRODUCT CUSTOMER DRAWING		SERIES: 34900 MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET	DOCUMENT NUMBER: SD-34900-6001 DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 6 OF 7	

# OBSELETE PART NUMBERS

34900-4026	OBSELETE
34900-4025	OBSELETE
34900-4024	OBSELETE
34900-4023	OBSELETE
34900-4022	OBSELETE
34900-4021	OBSELETE
34900-4020	OBSELETE
34900-4016	OBSELETE
34900-4015	OBSELETE
34900-4014	OBSELETE
34900-4013	OBSELETE
34900-4012	OBSELETE
34900-4011	OBSELETE
34900-4010	OBSELETE
ASSEMBLY PART NUMBER	STATUS

1X4

34900-6030	OBSELETE
34900-6021	OBSELETE
34900-6028	OBSELETE
34900-6019	OBSELETE
34900-6043	OBSELETE
34900-6042	OBSELETE
34900-6041	OBSELETE
34900-6040	OBSELETE
34900-6013	OBSELETE
34900-6012	OBSELETE
34900-6011	OBSELETE
34900-6010	OBSELETE
ASSEMBLY PART NUMBER	STATUS

1X6

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS	SCALE	Material:		<b>molex</b>			1.2MM 1X4, 1X6 RECPT. SEALED ASSEMBLY CABLE SEAL 626759 - CHANGED CPA2 TO CPA2. ROLLING CHANGE AT GM.		
mm	1:1	Heat treat:							
GENERAL TOLERANCES (UNLESS SPECIFIED)		Finish:		PRODUCT CUSTOMER DRAWING					
ANGULAR TOL ± °		CURRENT REV DESC:							
4 PLACES	±	EC NO: 639764		DOCUMENT NUMBER: <b>SD-34900-6001</b>   DOC TYPE: PSD   DOC PART: 001   REVISION: A17					
3 PLACES	±	DRWN: GELLIOTT01 2020/06/17							
2 PLACES	± 0.1	CHK'D: KBORUSZEWSKI 2020/06/23		MATERIAL NUMBER: GENERAL MARKET   SHEET NUMBER: 7 OF 7					
1 PLACE	± 0.2	APPR: KBORUSZEWSKI 2020/06/23							
0 PLACES	± 0.5	ORIG DRWN BY: MVANSLAMBROU 2012/05/03							
TOOL NUMBER	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER			CUSTOMER		
		D-SIZE	34900				GENERAL MARKET		