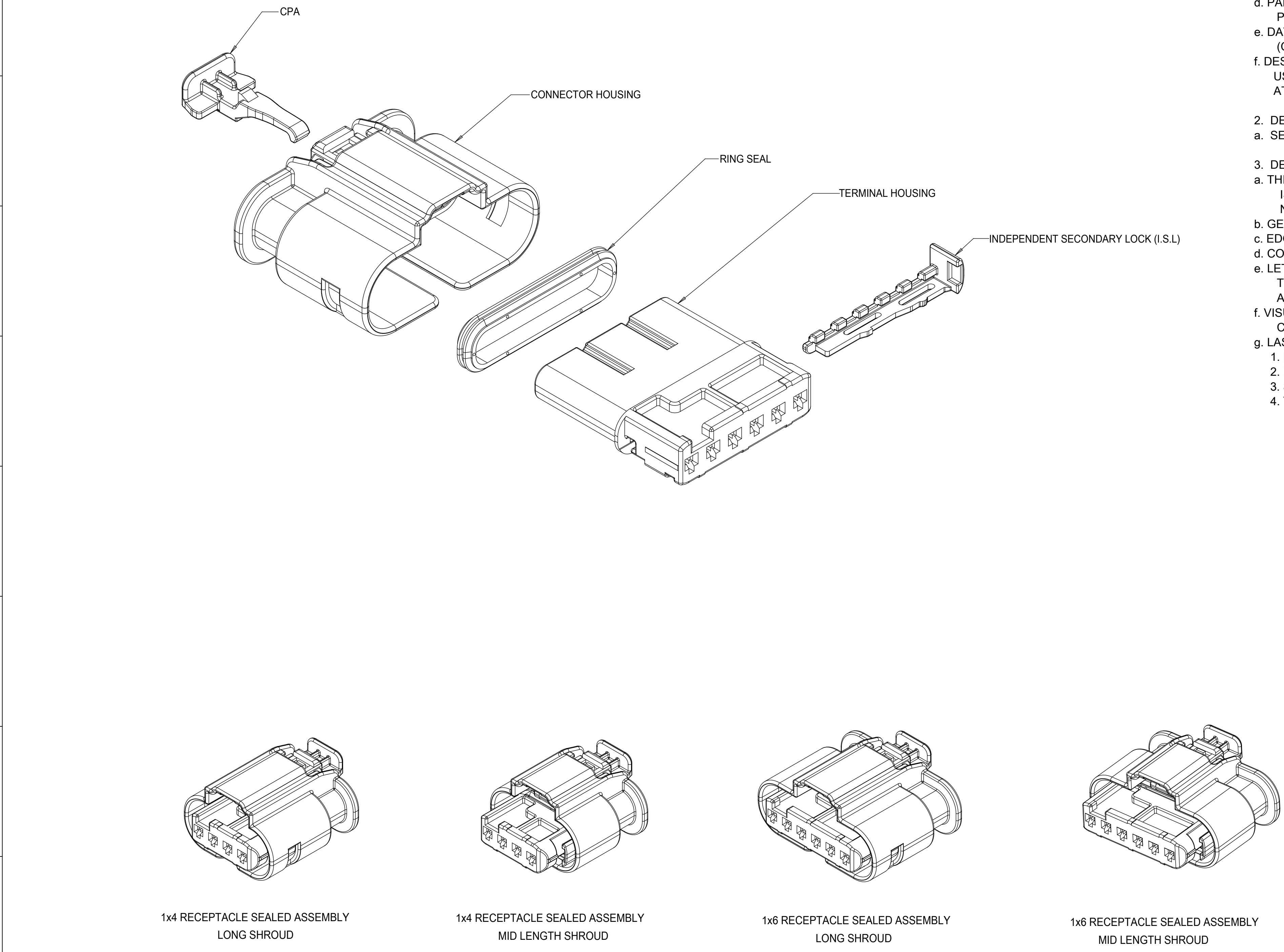


TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	1x4 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS
3	1x6 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS
4	RECEPTACLE SEALED ASSEMBLY
5	1x4 RECEPTACLE SEALED ASSEMBLY BOM SHEET
6	1x6 RECEPTACLE SEALED ASSEMBLY BOM SHEET



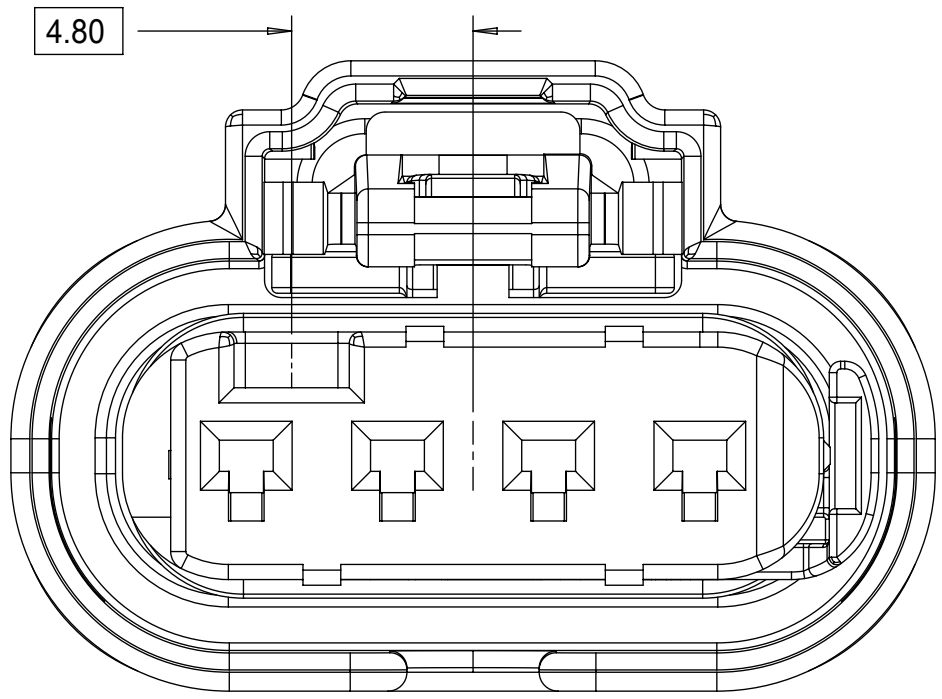
NOTES: VALID UNLESS OTHERWISE SPECIFIED

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:
- PART NUMBER
 - DAY OF THE YEAR
 - SHIFT
 - YEAR

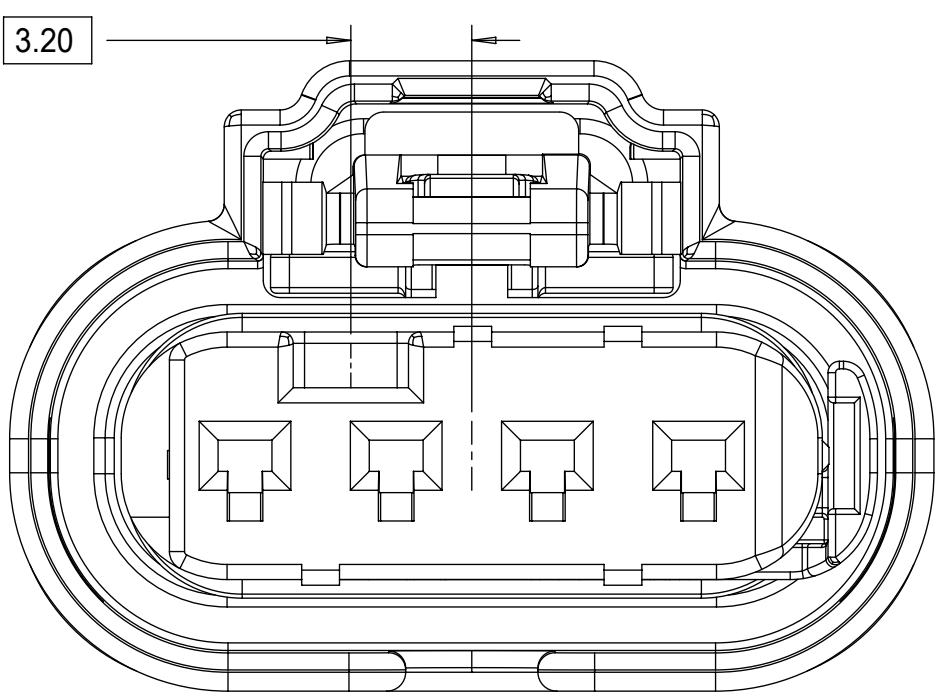
A15-A17	REMOVED CPA3
A14	UPDATED STATUS, ADDED WIRE DRESS COVERS
A13	NX-REMASTER, ADDED CPA2 PART NUMBERS ABD OBSLETE PAGE
A12	RELEASE ALL KEYS SALEABLE
A11	RELEASE NON SIR SALEABLE
A10	PART #'S WITH NEW LATCH DESIGN SALEABLE
A9	PART #'S WITH NEW LATCH DESIGN SALEABLE
A8	ADDED NEW PART NUMBERS FOR LATCH 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

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

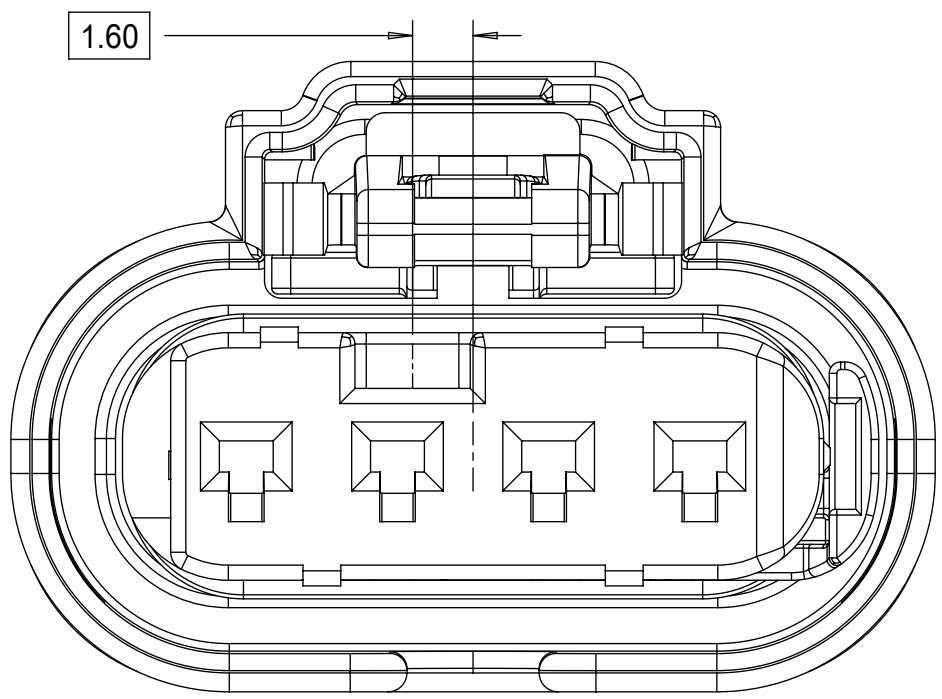
1x4 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS. FOR PART NUMBERS REFER TO BOM SHEET.



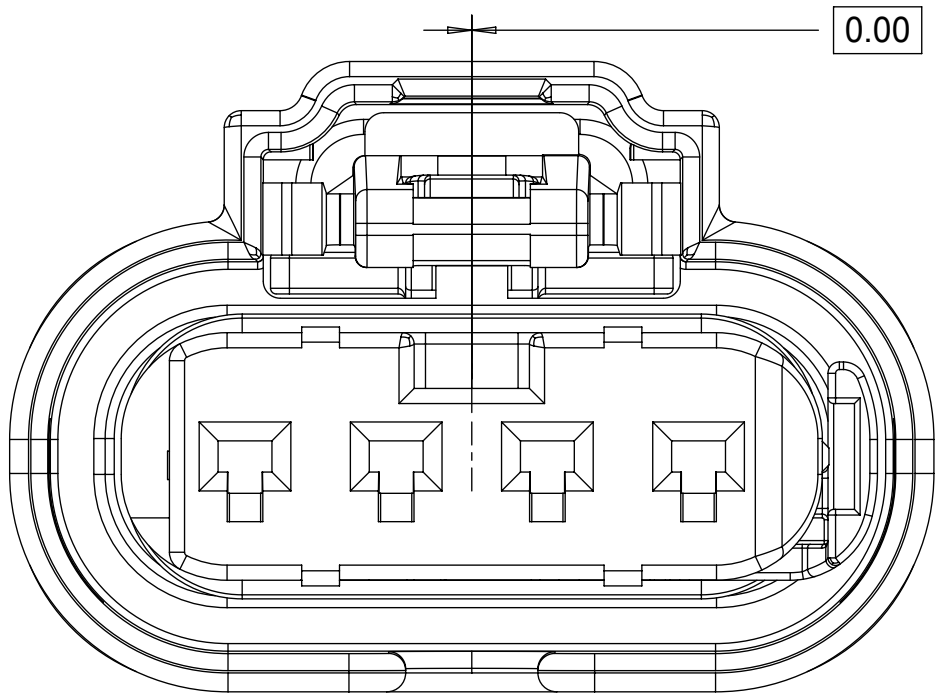
KEYING OPTION A



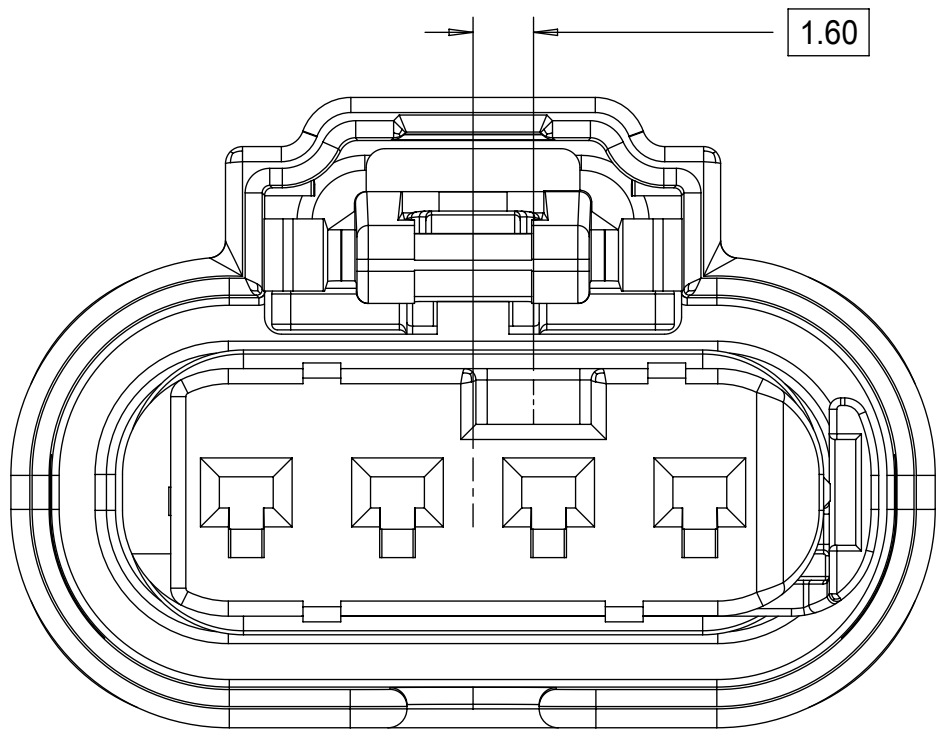
KEYING OPTION E



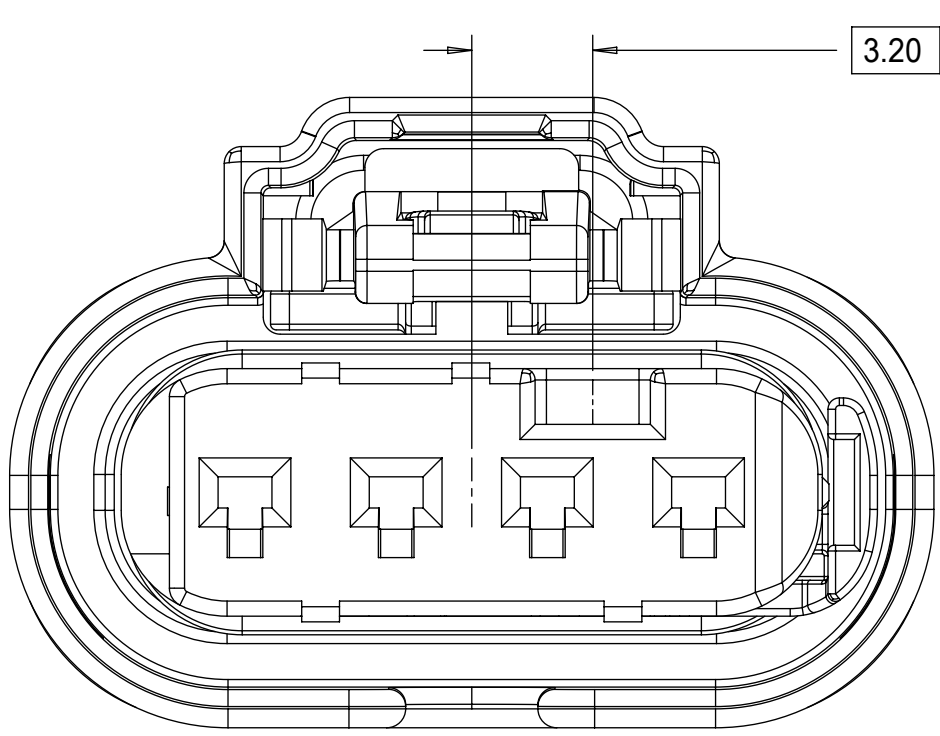
KEYING OPTION B



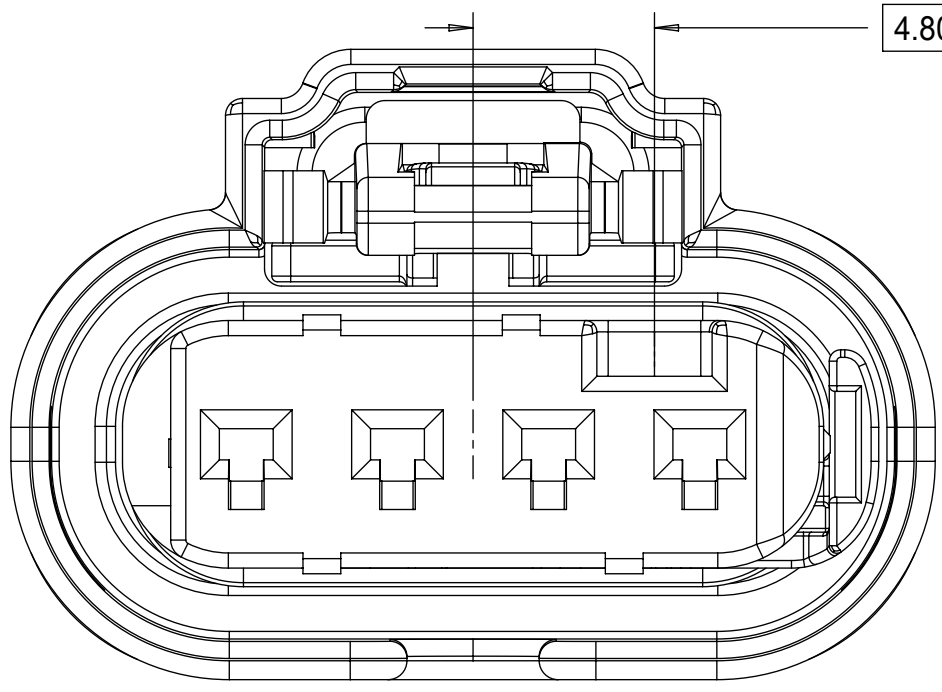
KEYING OPTION F



KEYING OPTION C



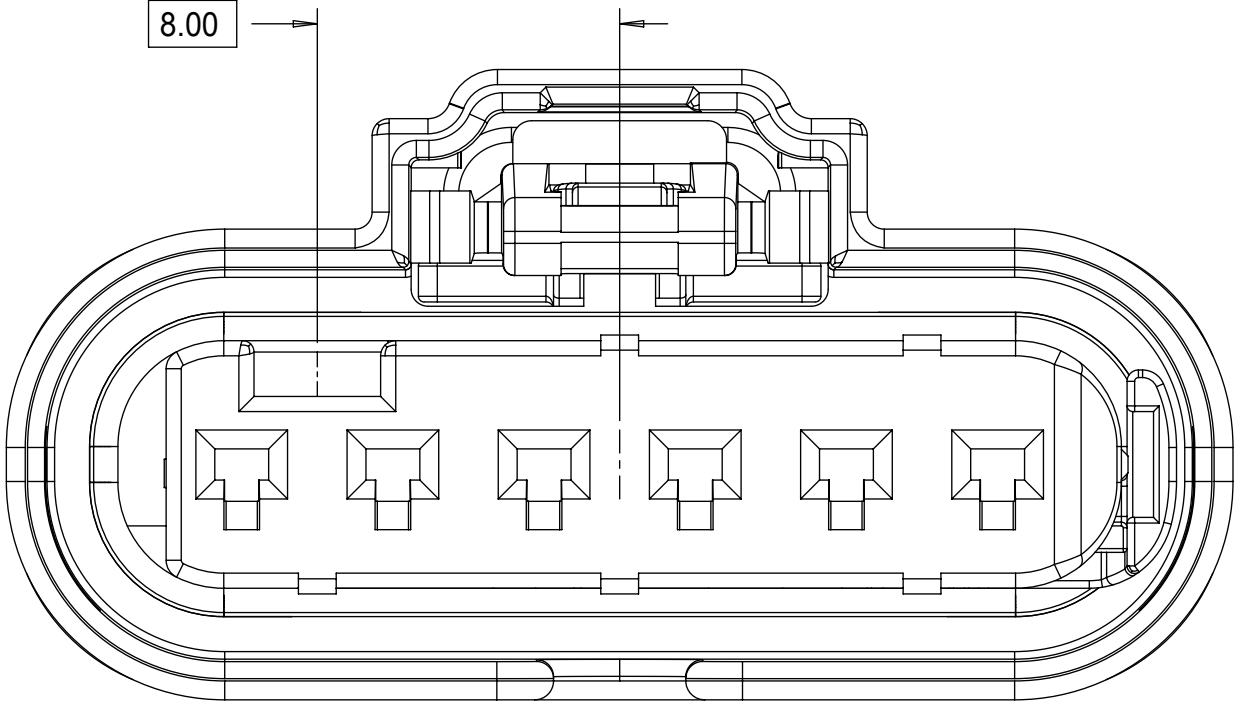
KEYING OPTION G



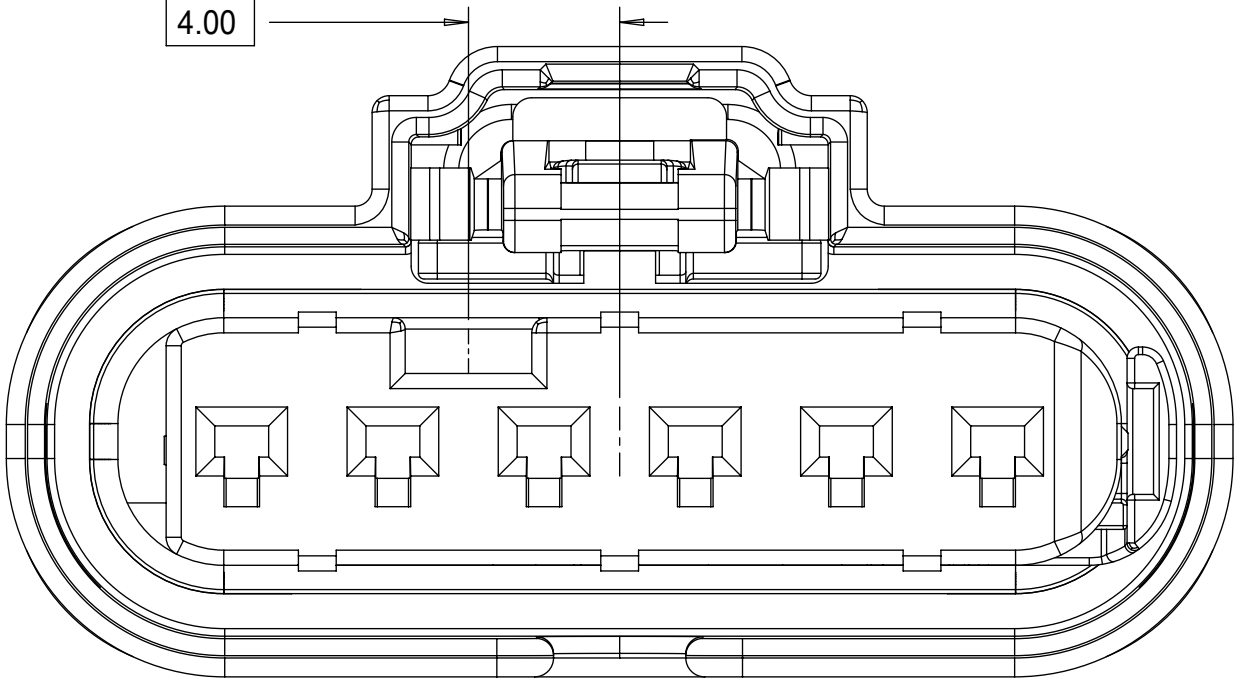
KEYING OPTION D

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: 639764 DRWN: GELLIOTT01 CHKD: KBORUSZEWSKI REV/ APPR: KBORUSZEWSKI A17	2020/06/17 2020/06/23 2020/06/23	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE				
	= 0			ANGULAR TOL ± °		mm	5:1				
	= 0			4 PLACES ±	DRWN BY	DATE	1.2MM 1X4, 1X6 RECPT. SEALED ASSEMBLY CABLE SEAL 626759 - CHANGED CPA2 TO CPA2. ROLLING CHANGE AT GM.				
	= 0			3 PLACES ±	MVANSLAMBROU	2012/05/03					
	= 0			2 PLACES ± 0.1	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING				
	= 0			1 PLACE ± 0.2	APPR BY	DATE					
	= 0			0 PLACES ± 0.5	GGA	2012/12/13	SERIES	MATERIAL NUMBER	CUSTOMER		
	= 0			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	34900	SEE BOM	GENERAL MARKET	
	= 0					D		DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
						SD-34900-6001		PSD	001	2 OF 7	

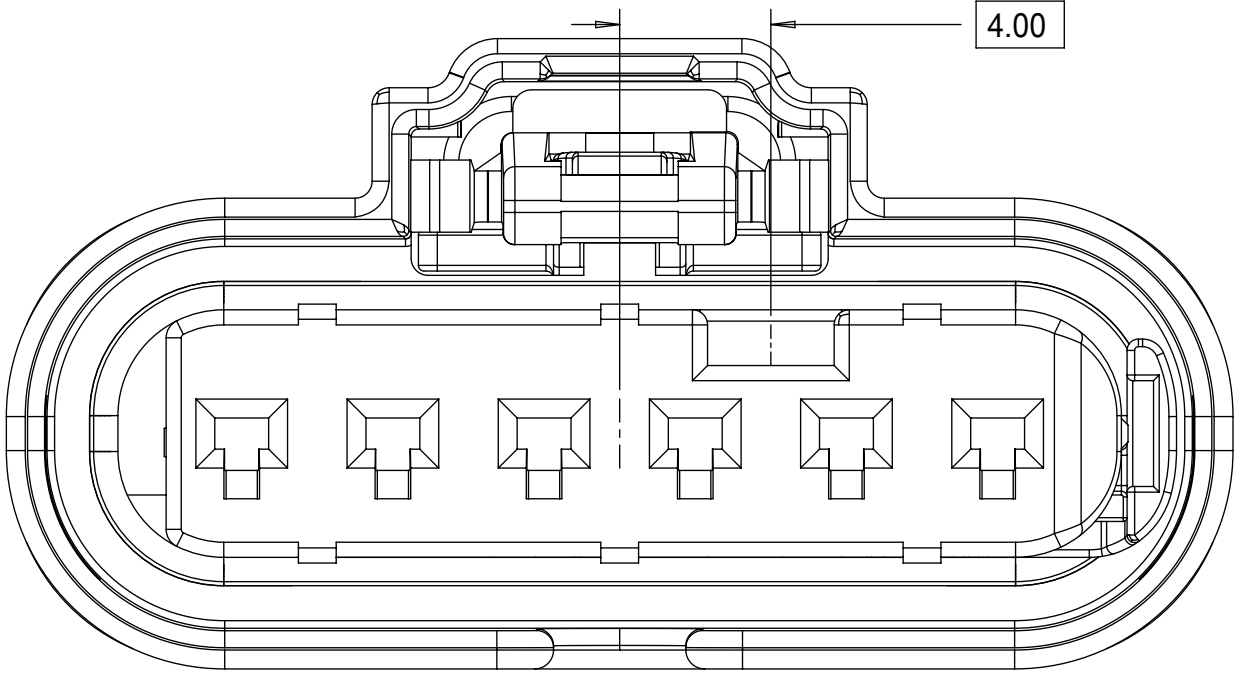
1x6 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS. FOR PART NUMBERS REFER TO BOM SHEET.



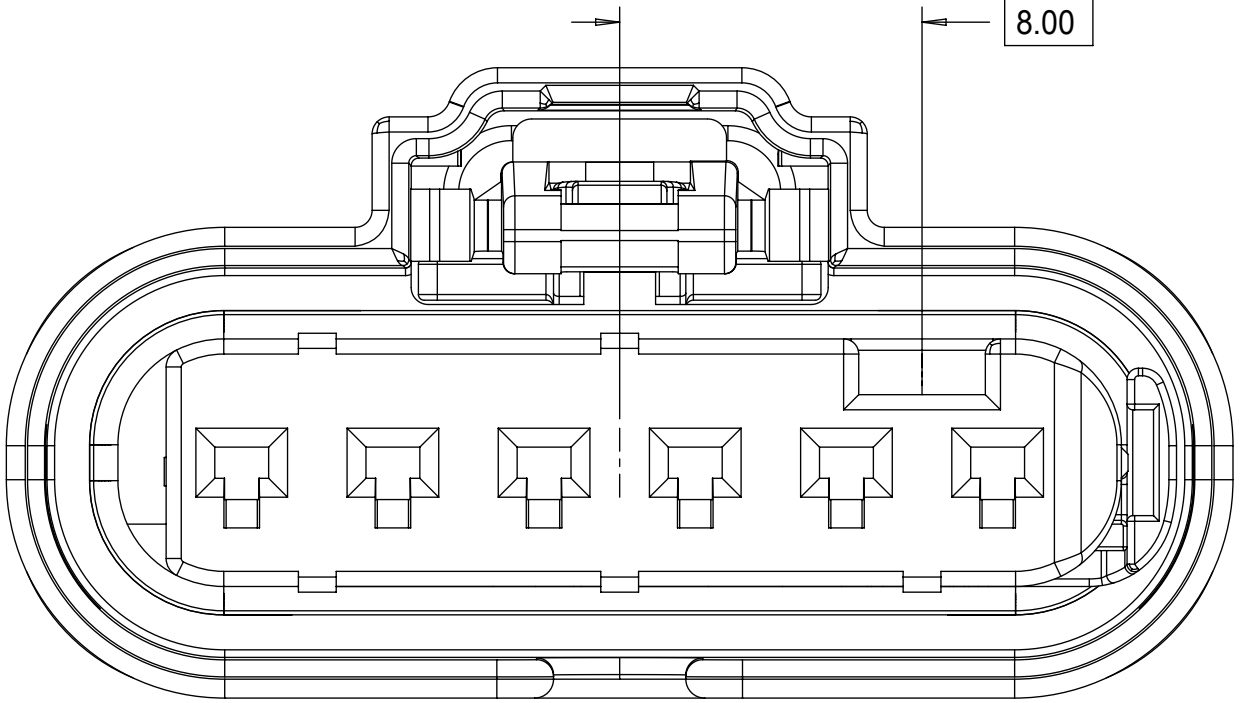
KEYING OPTION A



KEYING OPTION B



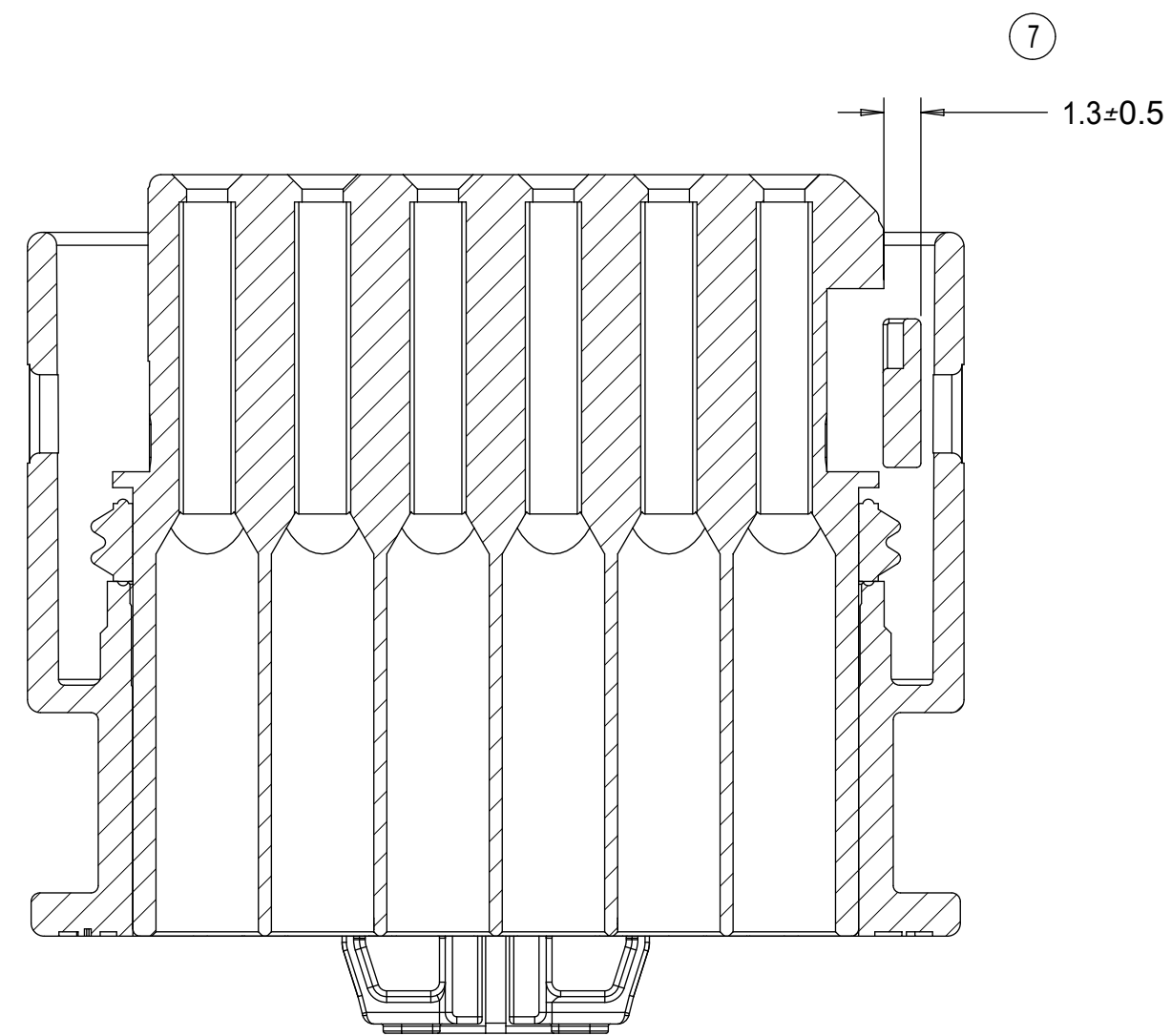
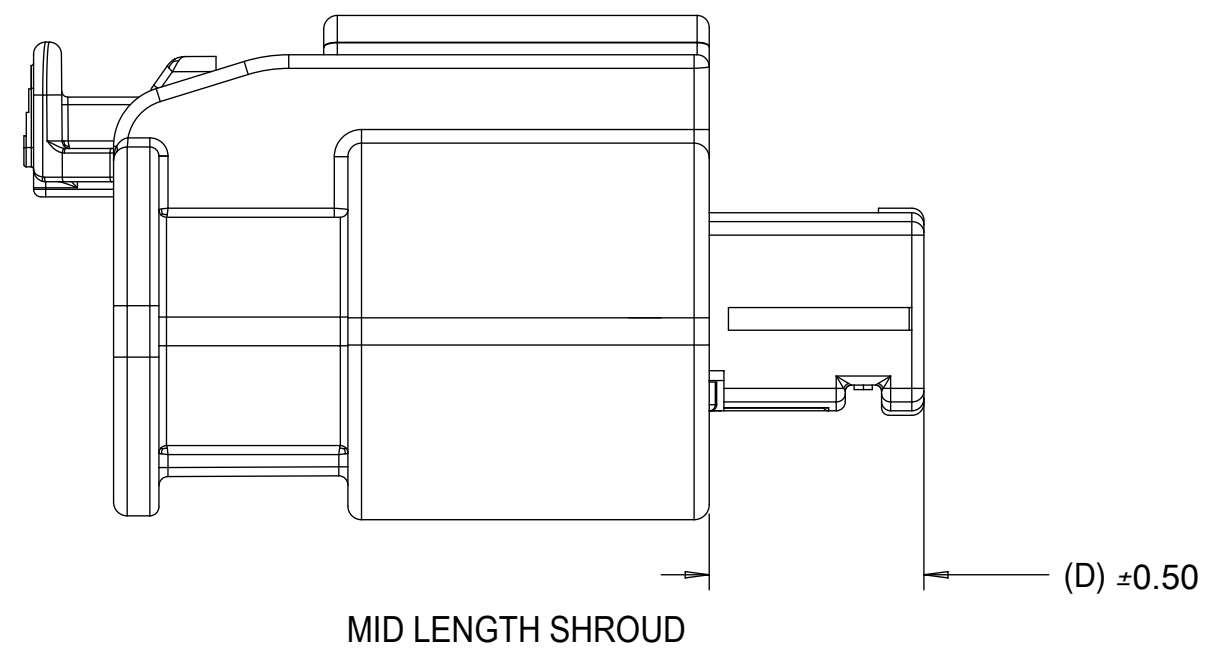
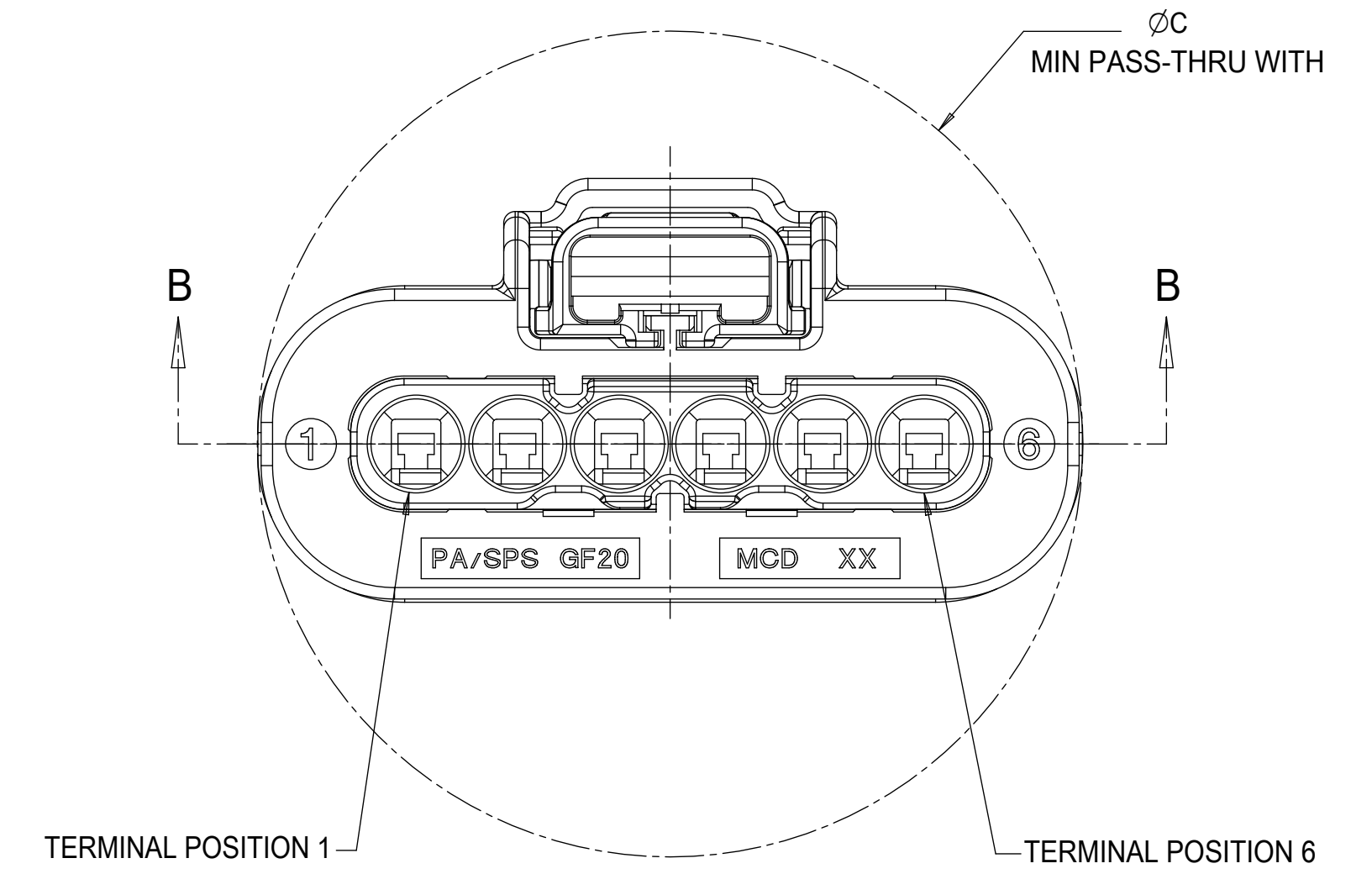
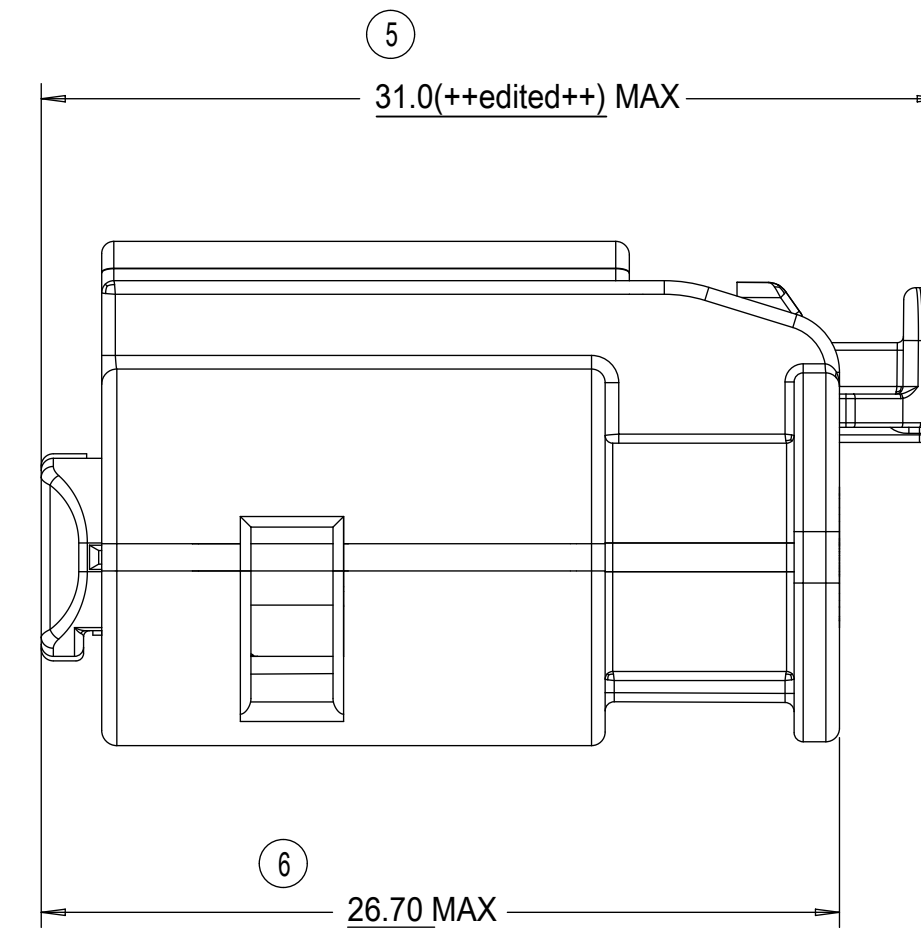
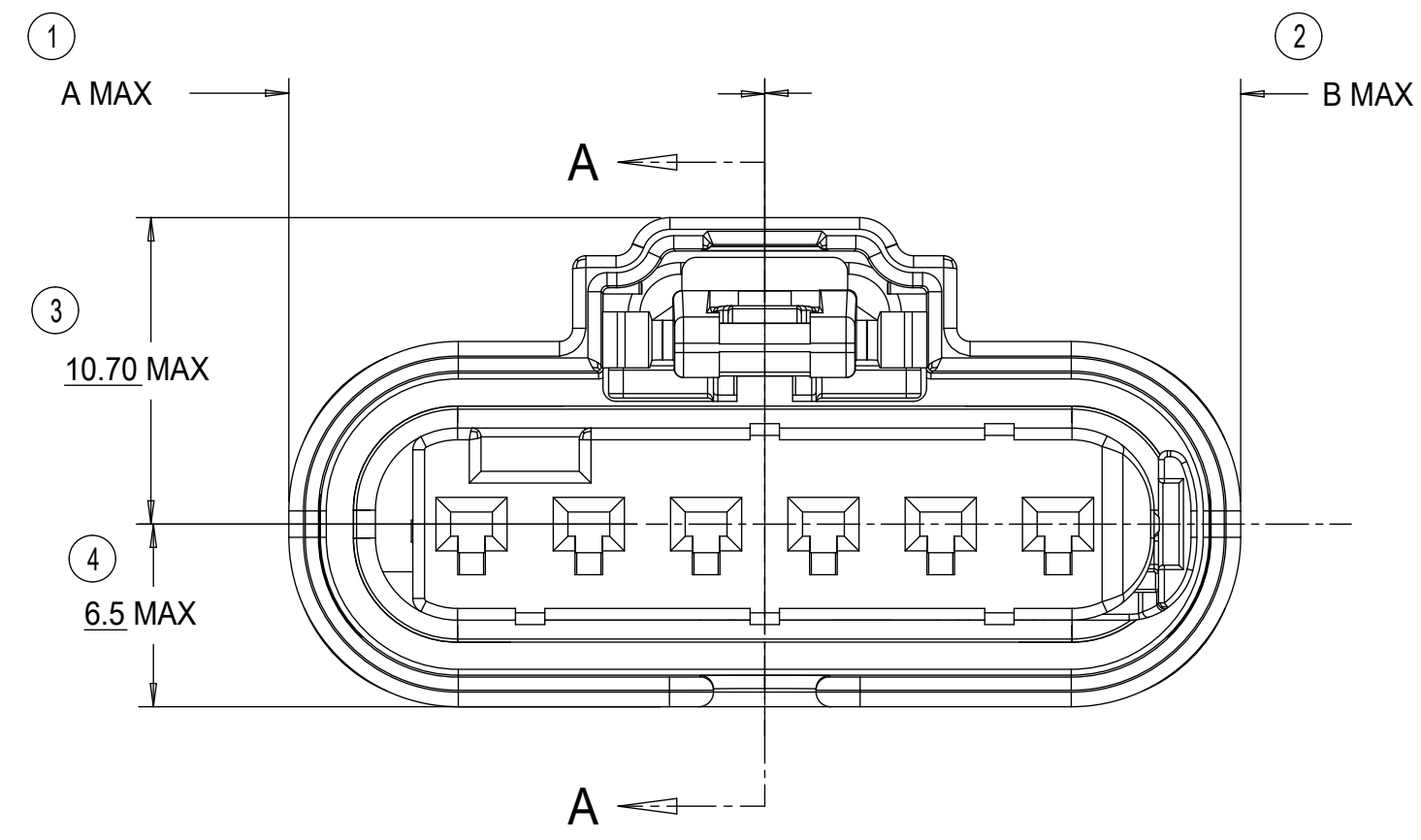
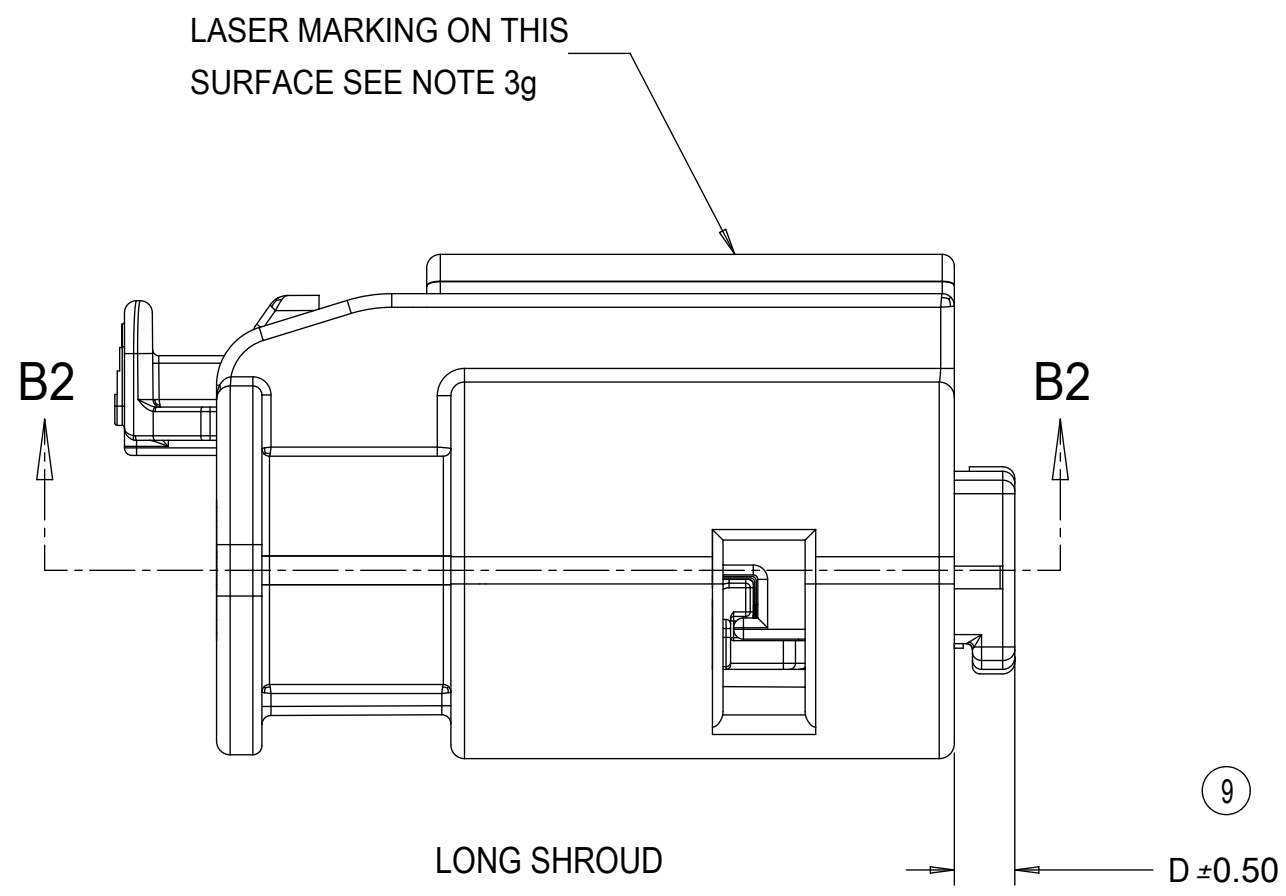
KEYING OPTION C



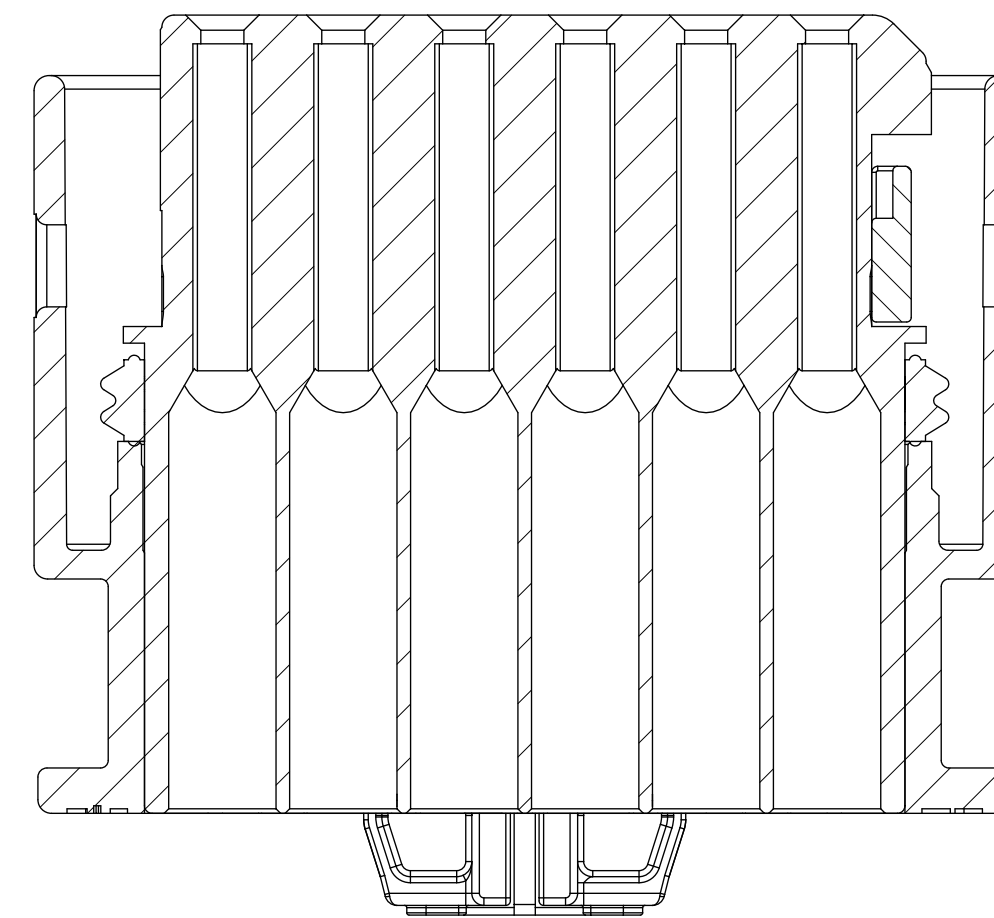
KEYING OPTION D

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	= 0	EC NO: 639764 DRWN: GELLIOTT01 CHKD: KBORUSZEWSKI REV/ APPR: KBORUSZEWSKI A17	2020/06/17 2020/06/23 2020/06/23	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		1.2MM 1X4, 1X6 RECPT. SEALED ASSEMBLY CABLE SEAL 626759 - CHANGED CPA2 TO CPA2. ROLLING CHANGE AT GM.					
	= 0					mm		5:1							
	= 0			ANGULAR TOL ± °		DRWN BY		DATE		PRODUCT CUSTOMER DRAWING					
	= 0			4 PLACES ±		MVANSLAMBROU		2012/05/03							
	= 0			3 PLACES ±		CHKD BY		DATE							
	= 0			2 PLACES ± 0.1		APPR BY		DATE							
	= 0			1 PLACE ± 0.2		GGA		2012/12/13							
	= 0			0 PLACES ± 0.5		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER	
	= 0			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		D				34900		SEE BOM		GENERAL MARKET	
	= 0									DOCUMENT NUMBER		DOC TYPE		DOC PART	
	= 0							SD-34900-6001		PSD		001 3 OF 7			

RECEPTACLE SEALED ASSEMBLY

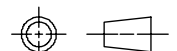


SECTION B-B
INDEPENDENT SECONDARY LOCK (ISL)
SHOWN IN THE PRE-STAGED POSITION



SECTION B2-B2
INDEPENDENT SECONDARY LOCK (ISL)
SHOWN IN THE FINAL-LOCK POSITION

1x6 MID LENGTH SHROUD	16.5	16.5	33.0	6.70
1x4 MID LENGTH SHROUD	16.5	16.5	25.0	6.70
1x6 LONG SHROUD	16.5	16.5	33.0	2.00
1x4 LONG SHROUD	12.5	12.5	25.0	2.00
DESCRIPTION	A	B	C	D
CHARTED DIMENSIONS				

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: 639764 DRWN: GELLIOTT01 CHK'D: KBORUSZEWSKI APPR: KBORUSZEWSKI	2020/06/17	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS mm		SCALE 4:1									
 = 0		2020/06/23	ANGULAR TOL ± °		DRWN BY MVANSLAMBROU		DATE 2012/05/03									
 = 0		2020/06/23	4 PLACES ±		CHK'D BY		DATE		1.2MM 1X4, 1X6 RECPT. SEALED ASSEMBLY CABLE SEAL 626759 - CHANGE CPA2 TO CPA2. ROLLING CHANGE AT GM.							
 = 0		3 PLACES ±		APPR BY		DATE										
 = 0		2 PLACES ± 0.1		GGA		2012/12/13										
 = 0		1 PLACE ± 0.2		DRAWING SIZE D		THIRD ANGLE PROJECTION 										
 = 0		0 PLACES ± 0.5		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												
 = 0																
 = 0		A17	REV	<table><tr><th colspan="3">PRODUCT CUSTOMER DRAWING</th></tr><tr><td>SERIES 34900</td><td>MATERIAL NUMBER SEE BOM</td><td>CUSTOMER GENERAL MARKET</td></tr></table>							PRODUCT CUSTOMER DRAWING			SERIES 34900	MATERIAL NUMBER SEE BOM	CUSTOMER GENERAL MARKET
PRODUCT CUSTOMER DRAWING																
SERIES 34900	MATERIAL NUMBER SEE BOM	CUSTOMER GENERAL MARKET														
= 0			<table><tr><td>DOCUMENT NUMBER SD-34900-6001</td><td>DOC TYPE PSD</td><td>DOC PART 001</td><td>SHEET NUMBER 4 OF 7</td></tr></table>							DOCUMENT NUMBER SD-34900-6001	DOC TYPE PSD	DOC PART 001	SHEET NUMBER 4 OF 7			
DOCUMENT NUMBER SD-34900-6001	DOC TYPE PSD	DOC PART 001	SHEET NUMBER 4 OF 7													

RELEASE STATUS	P1	RELEASE DATE	2020/06/23	16:54:53
----------------	----	--------------	------------	----------

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: Heat treat:	molex				
mm	1:1						
GENERAL TOLERANCES (UNLESS SPECIFIED)		Finish: CURRENT REV DESC:	1.2MM 1X4, 1X6 RECPT. SEALED ASSEMBLY CABLE SEAL 626759 - CHANGED CPA2 TO CPA2. ROLLING CHANGE AT GM.				
ANGULAR TOL ± °							
4 PLACES	±	EC NO: 639764 DRWN: GELLIOTT01 2020/06/17 CHK'D: KBORUSZEWSKI 2020/06/23 APPR: KBORUSZEWSKI 2020/06/23 ORIG DRWN BY: MVANSLAMBROU 2012/05/03	PRODUCT CUSTOMER DRAWING				
3 PLACES	±		DOCUMENT NUMBER				
2 PLACES	± 0.1		SD-34900-6001				
1 PLACE	± 0.2		PSD				
0 PLACES	± 0.5	001					
TOOL NUMBER		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			D-SIZE	34900		GENERAL MARKET	7 OF 7

19

18

17

16

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

[34900-6221](#) [34900-6228](#)