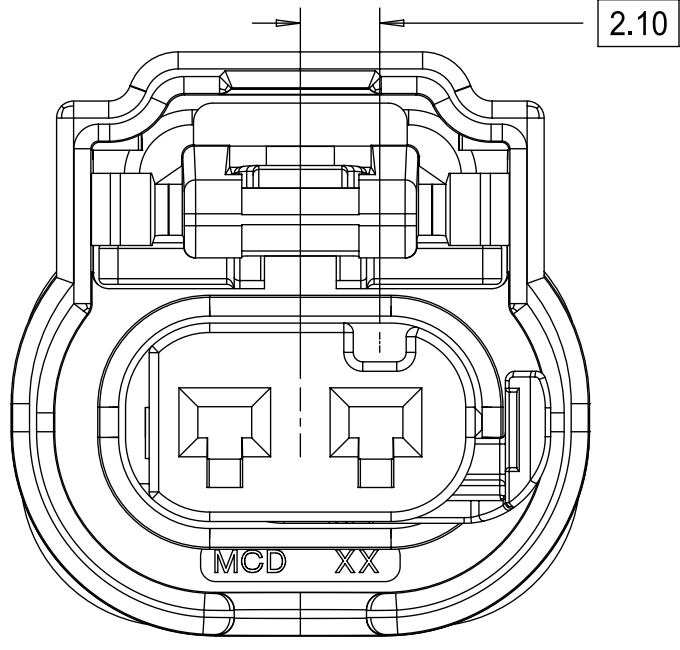
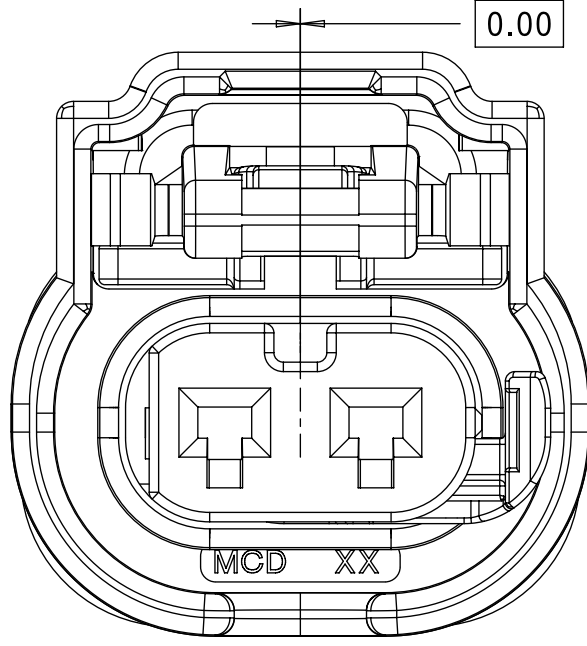


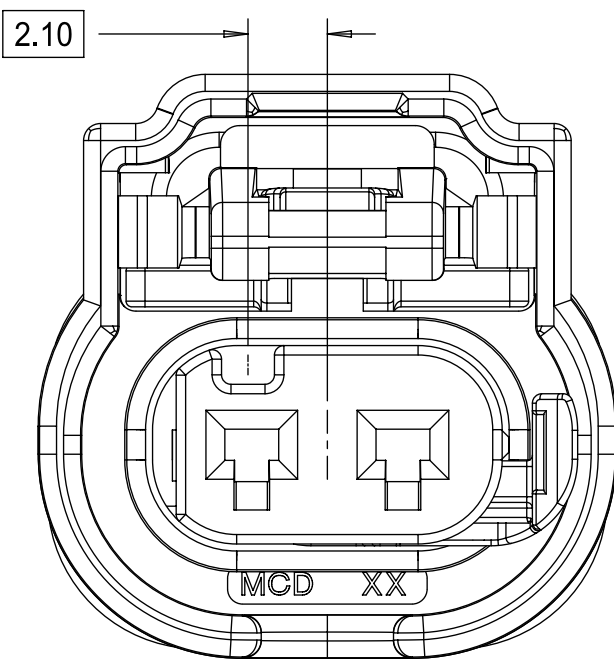
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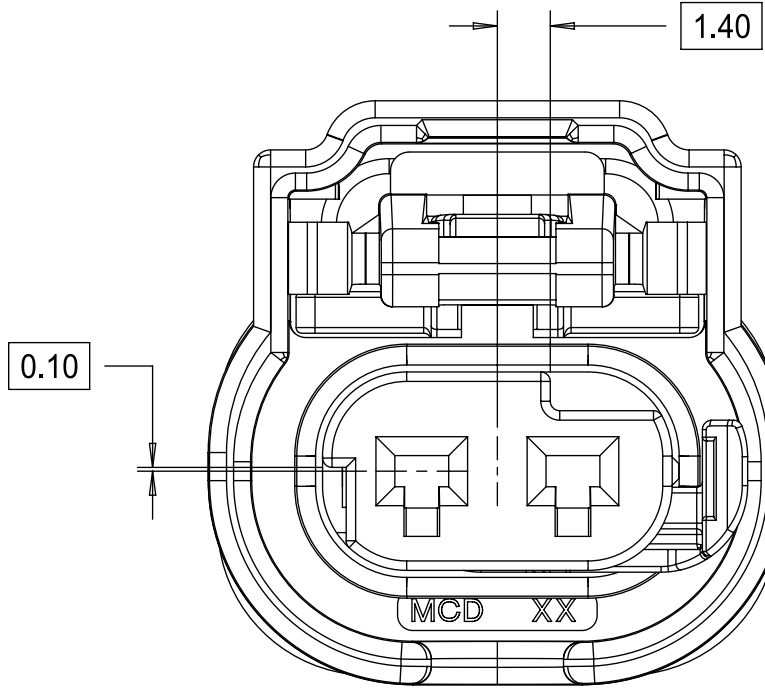
KEYING OPTION A



KEYING OPTION B



KEYING OPTION C

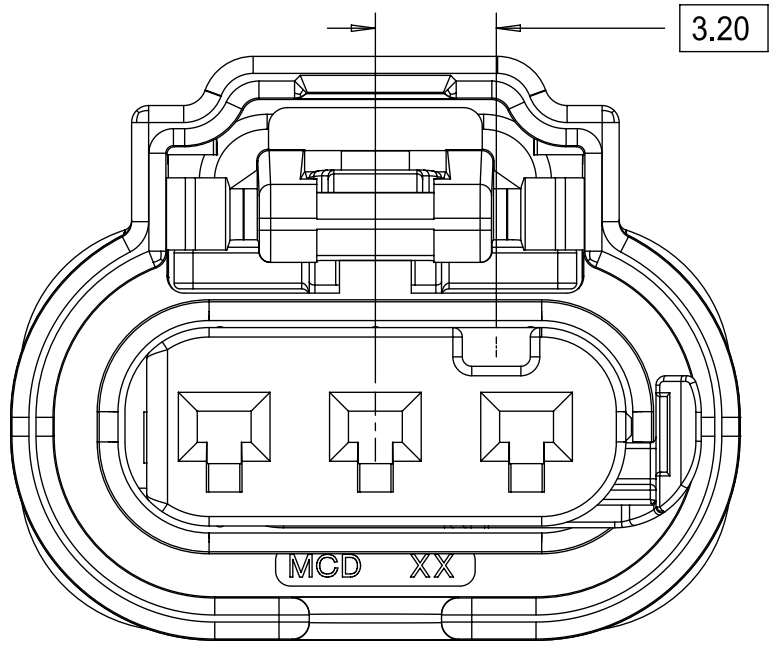


KEYING OPTION E

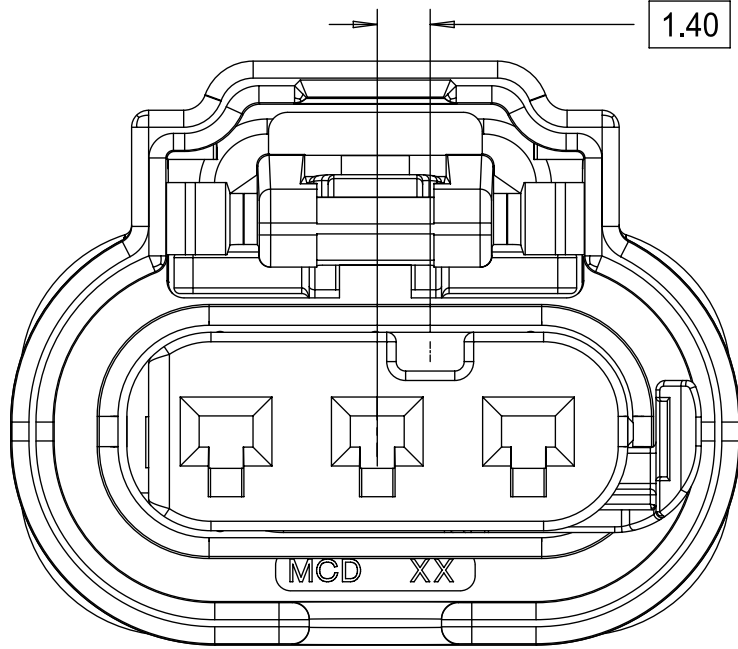
FUNCTIONAL SYMBOLS

DIVISIONAL SYMBOLS

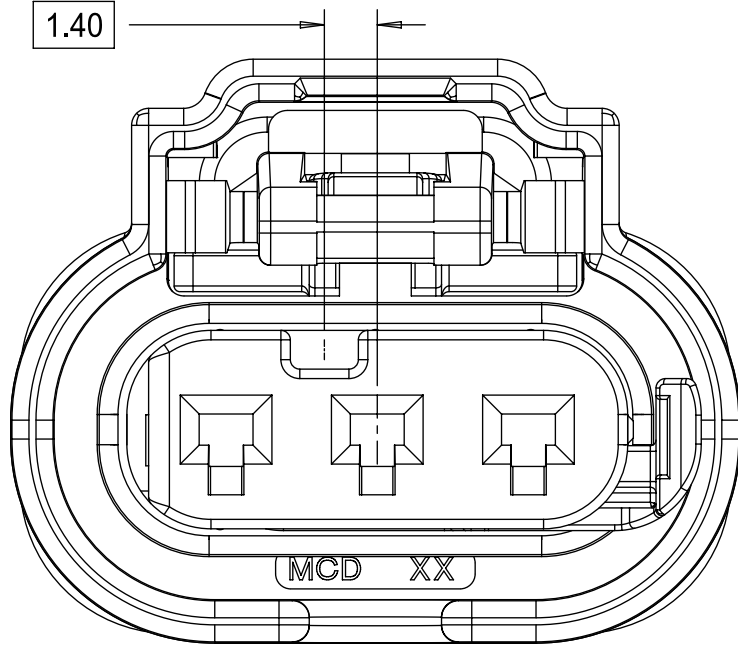
1x3 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS. FOR PART NUMBERS REFER TO BOM SHEET.



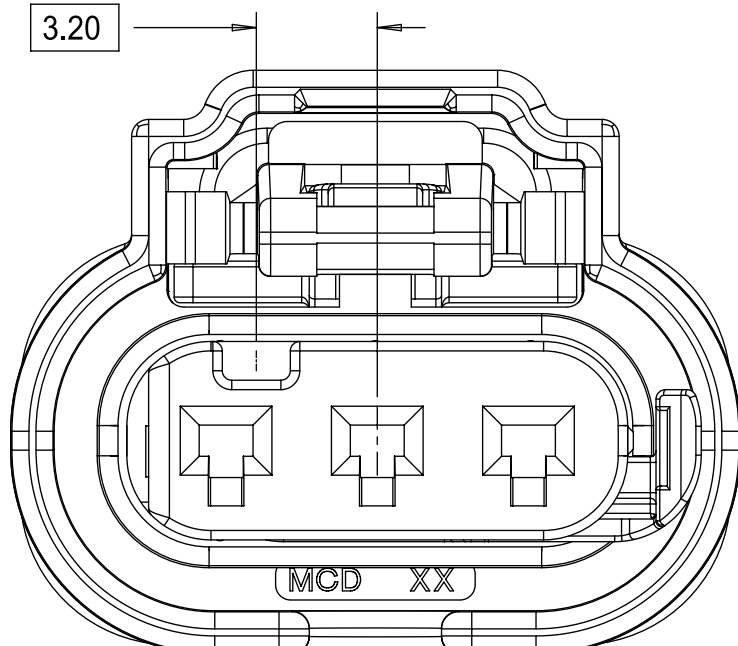
KEYING OPTION A



KEYING OPTION B



KEYING OPTION C



KEYING OPTION D

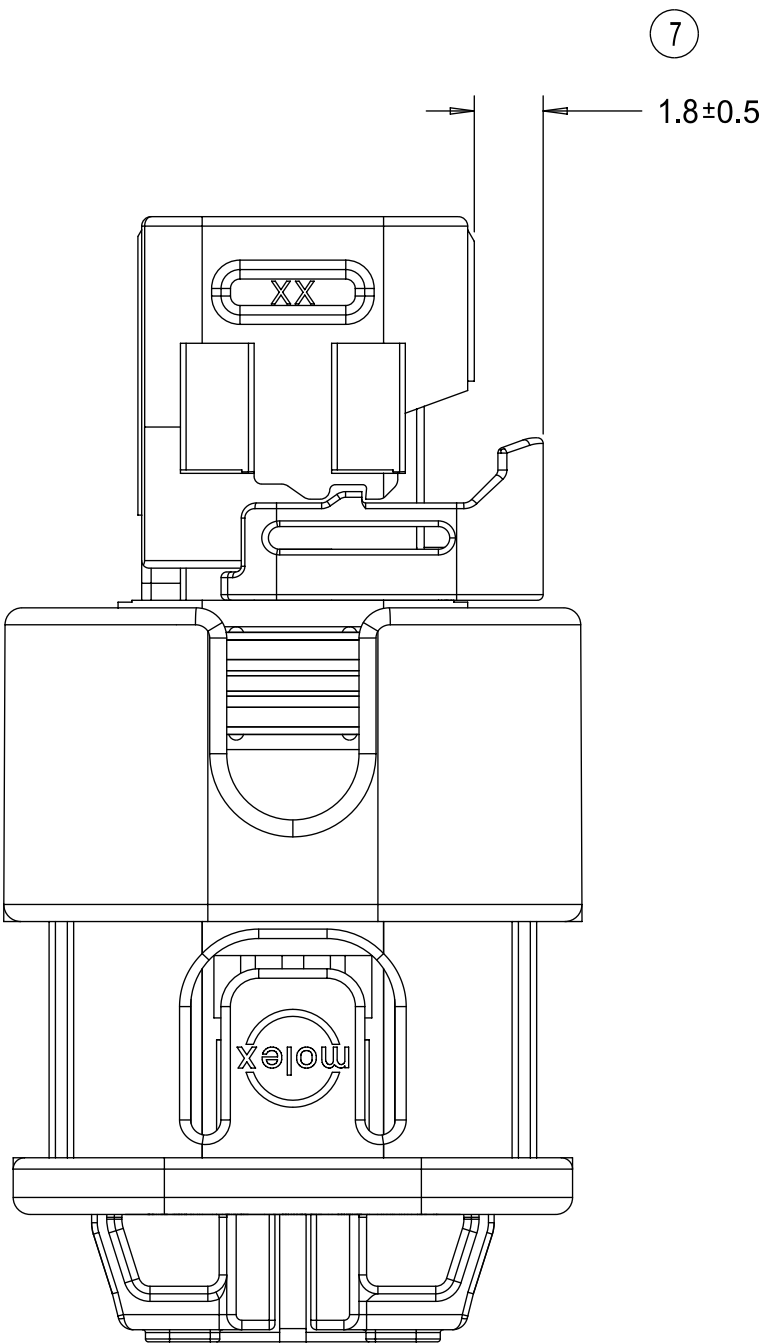
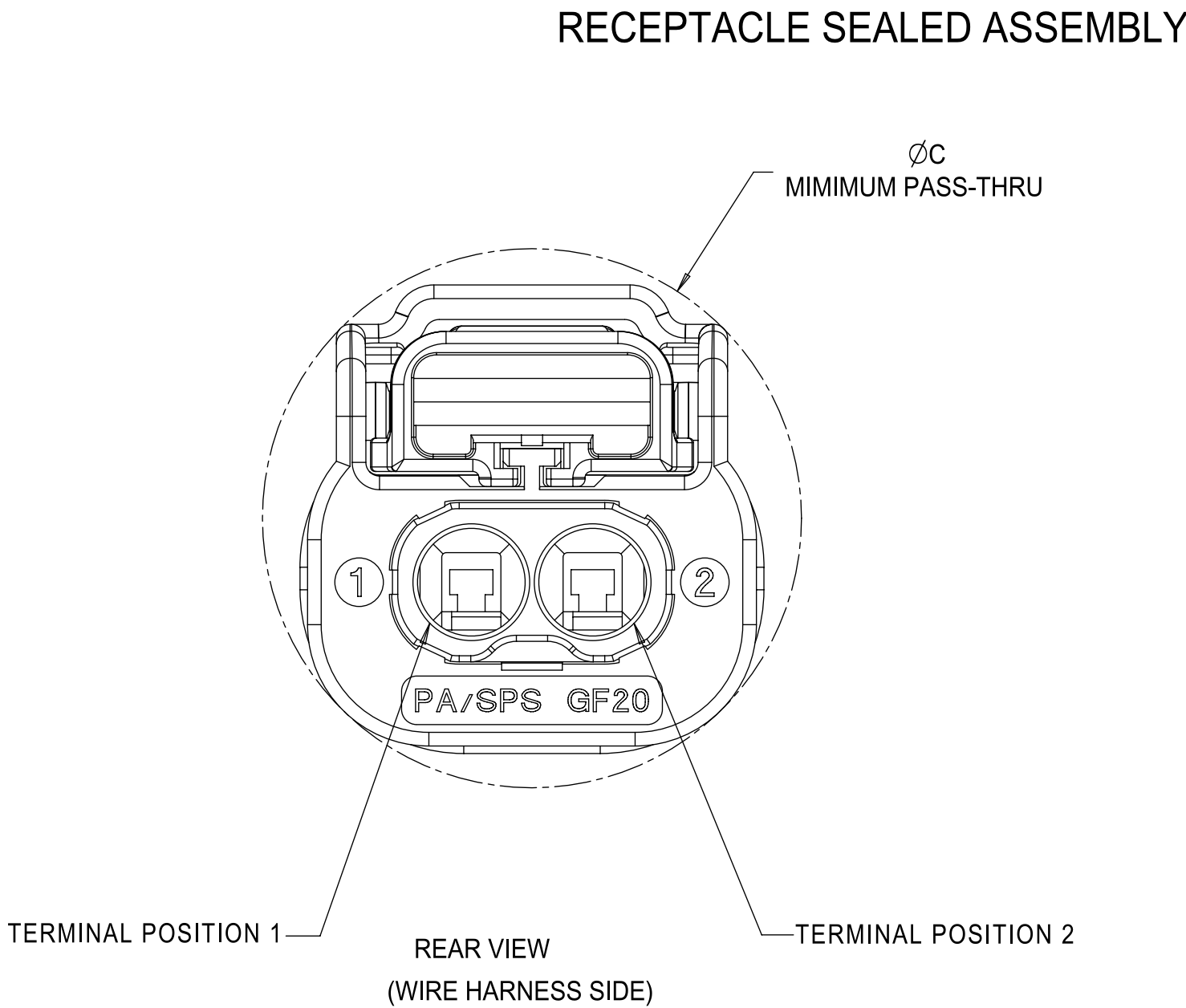
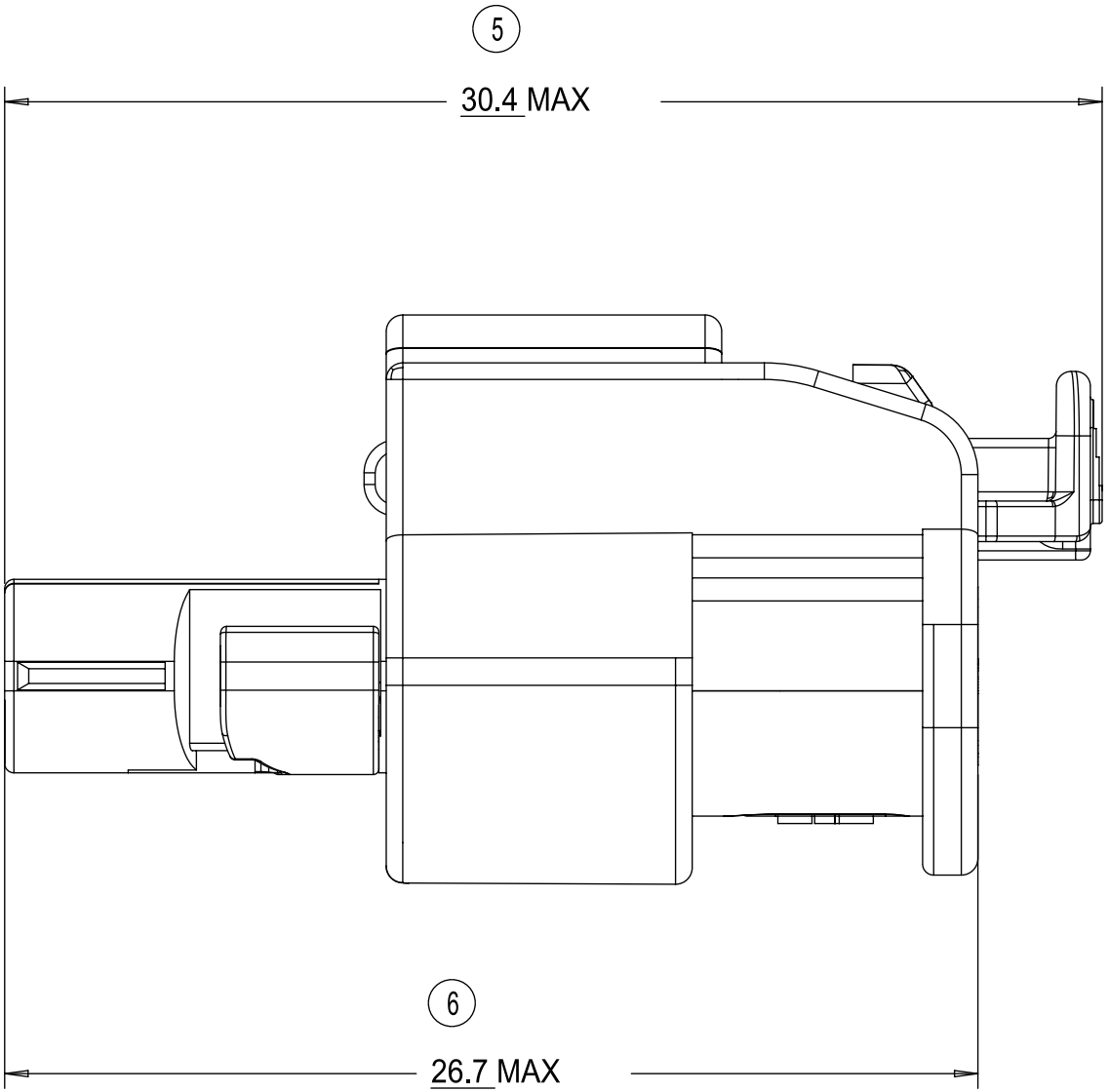
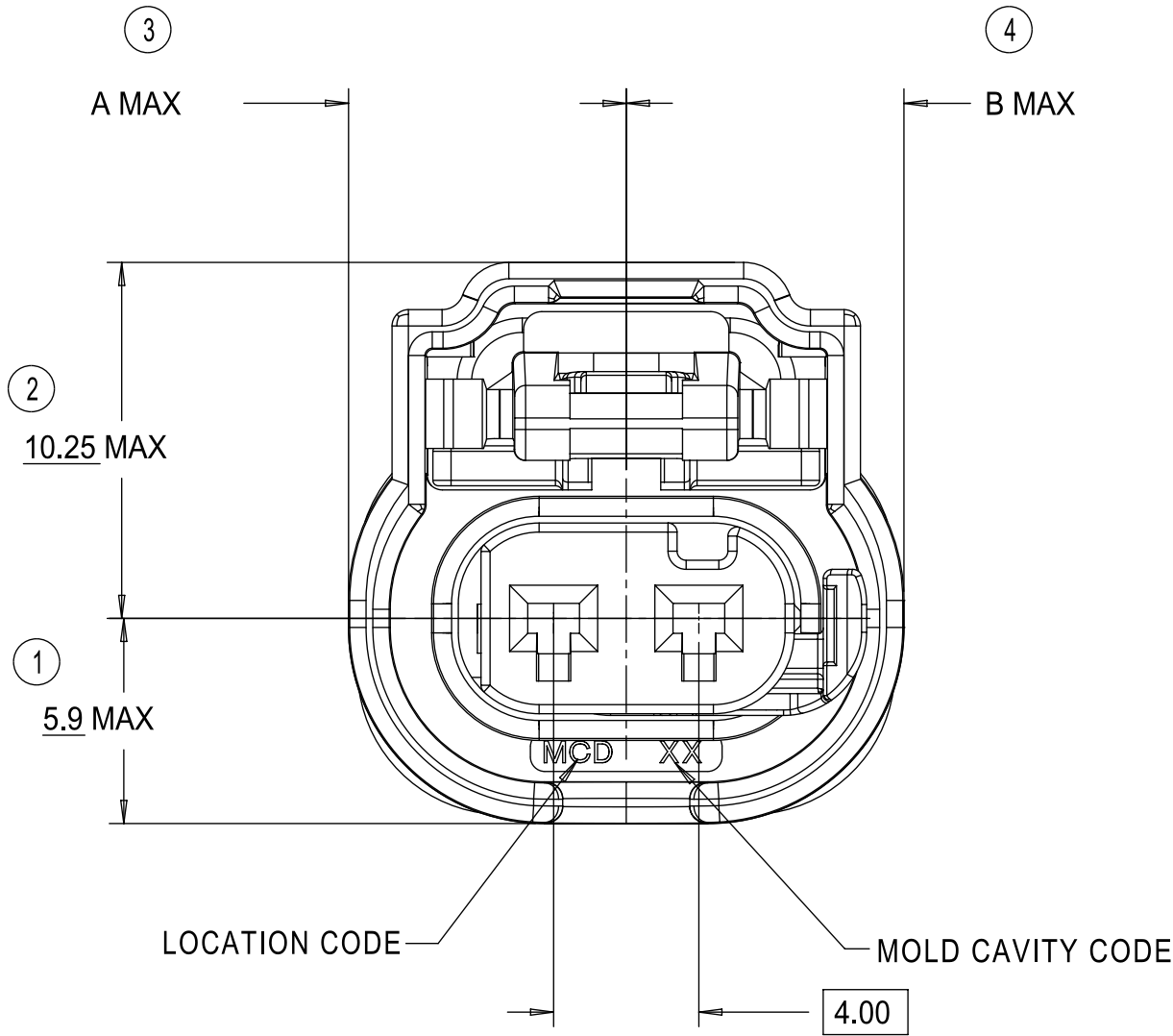
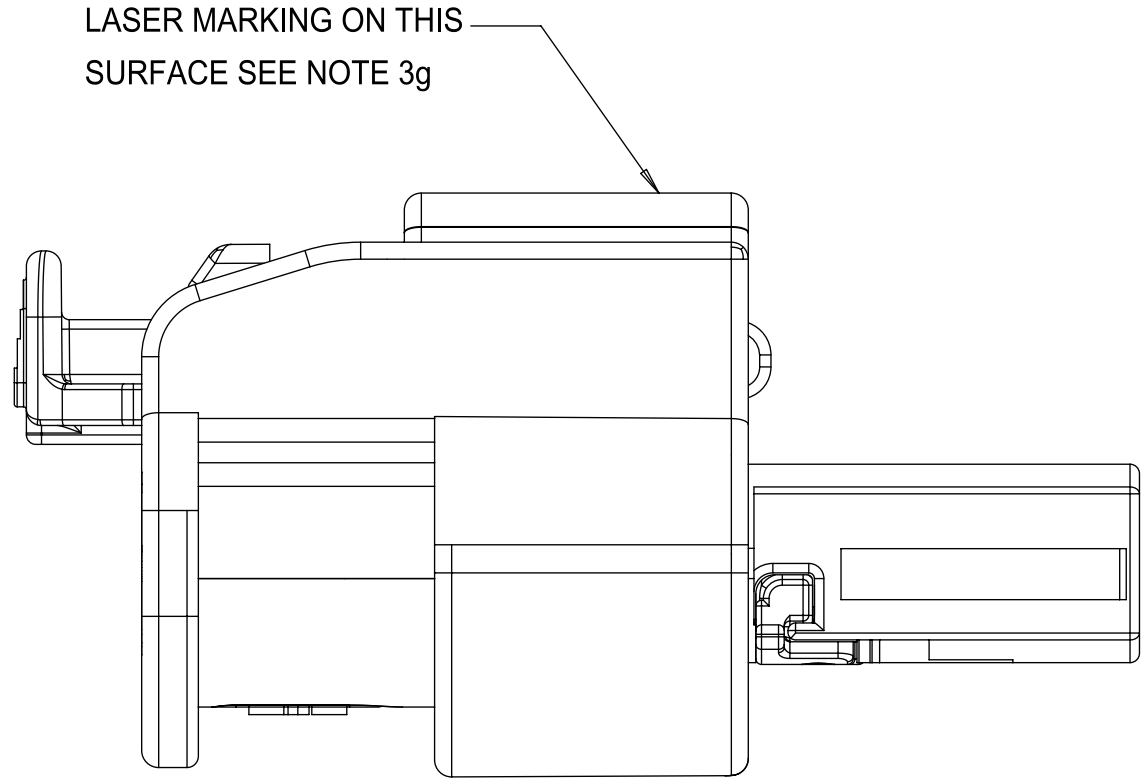
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FUNCTIONAL SYMBOLS A = 0 E = 0 P = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE				molex 1.2MM 1X2, 1X3 RECPT.						
	MM		5:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL		± 3°												
	4 PLACES		±												
	3 PLACES		±												
	2 PLACES		± 0.100												
	1 PLACE		± 0.20												
	0 PLACES		± 0.50												
	STATUS: Production				2025-07-25				PRODUCT CUSTOMER DRAWING						
DRWN: Abhishek Gajare				2025-07-30											
CHK'D: Abhishek Gajare				2025-08-05											
APPR: sandes13				2025-08-05				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
								SD-34900-2001		PSD		001		D1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		34900				GENERAL MARKET		3 OF 7	

molex

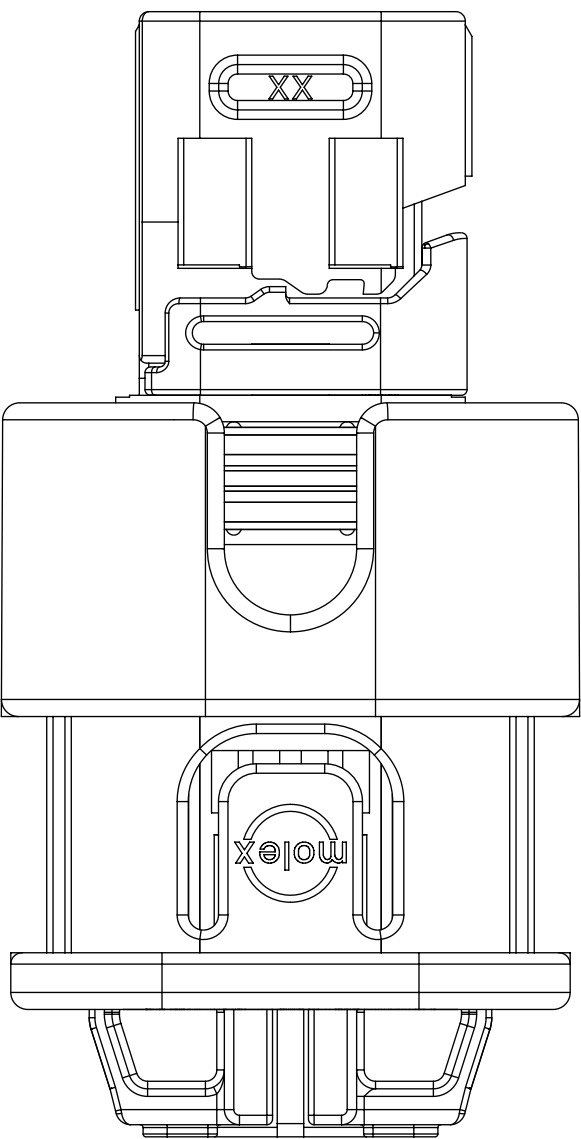
1.2MM 1X2, 1X3 RECPT.

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
SD-34900-2001		PSD	001	D1



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



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

1x3 RECEPTACLE SEALED ASSEMBLY	10.0	10.0	20.75
1x2 RECEPTACLE SEALED ASSEMBLY	8.0	8.0	18.75
CONFIGURATION	A	B	C
CHARTED DIMENSIONS			

FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0 DIVISIONAL 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: SEE REVISION TABLE			molex 1.2MM 1X2, 1X3 RECPT. PRODUCT CUSTOMER DRAWING							
	MM		5:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 3°														
	4 PLACES		±		STATUS: Production DRWN: Abhishek Gajare 2025-07-25 CHK'D: Abhishek Gajare 2025-07-30 APPR: sandes13 2025-08-05			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
	3 PLACES		±					SD-34900-2001		PSD	001	D1			
	2 PLACES		± 0.100												
	1 PLACE		± 0.20												
	0 PLACES		± 0.50												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		34900				GENERAL MARKET		4 OF 7	

molex

1.2MM 1X2, 1X3 RECPT.

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34900-2001	PSD	001	D1

KEYING OPTION A, BLUE	34900-2260	-40 TO 155	4	SHORT					CHC	A					CPA2	TOOLED BUT NOT VALIDATED		1	2	3
KEYING OPTION A, BLUE	34900-2160	-40 TO 155	4	SHORT					CHC	A				CPA1		SALEABLE		1	2	3
KEYING OPTION E, BLACK	34900-2223	-40 TO 155	4	SHORT					CHB				E		CPA2	TOOLED BUT NOT VALIDATED		1	2	3
KEYING OPTION C, BLACK	34900-2222	-40 TO 155	4	SHORT					CHB				C		CPA2	TOOLED BUT NOT VALIDATED		1	2	3
KEYING OPTION B, BLACK	34900-2221	-40 TO 155	4	SHORT					CHB				B		CPA2	TOOLED BUT NOT VALIDATED		1	2	3
KEYING OPTION A, BLACK	34900-2220	-40 TO 155	4	SHORT					CHB		A				CPA2	TOOLED BUT NOT VALIDATED		1	2	3
KEYING OPTION E, YELLOW	34900-2204	-40 TO 125	2	SHORT				CHY					E		CPA2	TOOLED BUT NOT VALIDATED		1	2	3
KEYING OPTION C, YELLOW	34900-2203	-40 TO 125	2	SHORT				CHY					C		CPA2	TOOLED BUT NOT VALIDATED		1	2	3
KEYING OPTION B, YELLOW	34900-2202	-40 TO 125	2	SHORT				CHY					B		CPA2	TOOLED BUT NOT VALIDATED		1	2	3
KEYING OPTION A, YELLOW	34900-2201	-40 TO 125	2	SHORT				CHY			A				CPA2	TOOLED BUT NOT VALIDATED		1	2	3
KEYING OPTION E, BLACK	34900-2123	-40 TO 155	4	SHORT					CHB				E	CPA1		NOT RECOMMENDED	ALT. KEY SUGGESTED	1	2	3
KEYING OPTION C, BLACK	34900-2122	-40 TO 155	4	SHORT					CHB				C	CPA1		SALEABLE		1	2	3
KEYING OPTION B, BLACK	34900-2121	-40 TO 155	4	SHORT					CHB				B	CPA1		SALEABLE		1	2	3
KEYING OPTION A, BLACK	34900-2120	-40 TO 155	4	SHORT					CHB		A			CPA1		SALEABLE		1	2	3
KEYING OPTION E, YELLOW	34900-2104	-40 TO 125	2	SHORT				CHY					E	CPA1		NOT RECOMMENDED	ALT. KEY SUGGESTED	1	2	3
KEYING OPTION C, YELLOW	34900-2103	-40 TO 125	2	SHORT				CHY					C	CPA1		SALEABLE		1	2	3
KEYING OPTION B, YELLOW	34900-2102	-40 TO 125	2	SHORT				CHY					B	CPA1		SALEABLE		1	2	3
KEYING OPTION A, YELLOW	34900-2101	-40 TO 125	2	SHORT				CHY			A			CPA1		SALEABLE		1	2	3
KEYING OPTION B, YELLOW	34900-2002	-40 TO 125	2	SHORT	CHY								B	CPA1		SALEABLE		1	2	3
KEYING OPTION A, YELLOW	34900-2001	-40 TO 125	2	SHORT	CHY						A			CPA1		SALEABLE		1	2	3
ASSEMBLY DESCRIPTION	PART NUMBER	OPERATING TEMPERATURE	VIBRATION CLASS PER GMW3191 DEC. 2007	OUTER HOUSING SHROUD LENGTH						A	B	C	E	CPA1	CPA3	STATUS	COMMENTS	DESIGNED TO MATE WITH DEVICE CONNECTION		

1X2 RECEPTACLE SEALED ASSEMBLY BOM SHEET 1

	RING SEAL	BURNT RED	INHERENTLY LUBRICATED SILICONE	
	ISL	NATURAL	SPS/NYLON GF20	
	CPA2	RED	PBT GF30	
	CPA1	RED	PBT GF30	
	TERMINAL HOUSING KEYING OPTION E	STONE GRAY	SPS/NYLON GF20	ALT. KEY SUGGESTED
	TERMINAL HOUSING KEYING OPTION C	DARK GRAY	SPS/NYLON GF20	
	TERMINAL HOUSING KEYING OPTION B	LT. GRAY	SPS/NYLON GF20	
	TERMINAL HOUSING KEYING OPTION A	BLACK	SPS/NYLON GF20	
	CONNECTOR HOUSING	BLUE	SPS/NYLON GF20	UPDATED LATCH
	CONNECTOR HOUSING	BLACK	SPS/NYLON GF20	UPDATED LATCH
	CONNECTOR HOUSING	YELLOW	SPS/NYLON GF20	UPDATED LATCH
	CONNECTOR HOUSING	BLACK	SPS/NYLON GF20	
	CONNECTOR HOUSING	YELLOW	SPS/NYLON GF20	
	WIRE DRESS COVER STRAIGHT	BLACK	PA66	SOLD SEPARATELY SEE SD-160091-0001
	WIRE DRESS COVER RIGHT	BLACK	PA66	
	WIRE DRESS COVER LEFT	BLACK	PA66	
	DESCRIPTION	COLOR	MATERIAL	COMMENTS
	BOM / APPLICABLE COMPONENTS TABLE			

LEGEND TABLE	
ABBREVIATION	COMPONENT
CHY	CONNECTOR HOUSING YELLOW
CHB	CONNECTOR HOUSING BLACK
CHC	CONNECTOR HOUSING BLUE(CYAN)
A	TERMINAL HOUSING KEY A
B	TERMINAL HOUSING KEY B
C	TERMINAL HOUSING KEY C
E	TERMINAL HOUSING KEY E
CPA1	CPA VERSION 1
CPA2	CPA VERSION 2
ISL	ISL
R	RING SEAL
1	USCAR INTERFACE 120-S-002-1-Z01 SEE NOTE 1f FOR WEBSITE
2	MOLEX INLINE BLADE CONNECTOR E-34899-2001
3	USCAR INTERFACE 120-S-002-1-Z02 SEE NOTE 1f FOR WEBSITE

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: SEE REVISION TABLE			molex 1.2MM 1X2, 1X3 RECPT.				
	MM		2:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
	ANGULAR TOL ± 3°											
	4 PLACES		±									
	3 PLACES		±									
	2 PLACES		± 0.100					STATUS: Production DRWN: Abhishek Gajare 2025-07-25 CHK'D: Abhishek Gajare 2025-07-30 APPR: sandes13 2025-08-05			PRODUCT CUSTOMER DRAWING	
	1 PLACE		± 0.20		DOCUMENT NUMBER		DOC TYPE				DOC PART	REVISION
	0 PLACES		± 0.50		SD-34900-2001		PSD				001	D1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES					MATERIAL NUMBER	
				D-SIZE		34900				GENERAL MARKET		5 OF 7

OBSOLETE PART NUMBERS

34900-2023	OBSOLETE
34900-2022	OBSOLETE
34900-2021	OBSOLETE
34900-2020	OBSOLETE
34900-2004	OBSOLETE
34900-2003	OBSOLETE
ASSEMBLY PART NUMBERS	STATUS

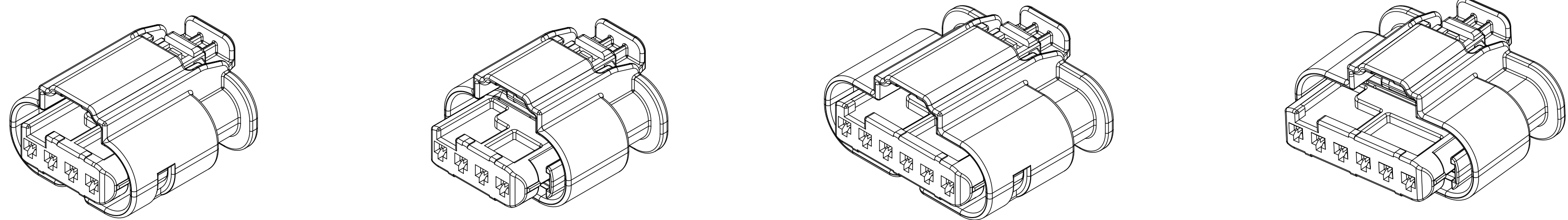
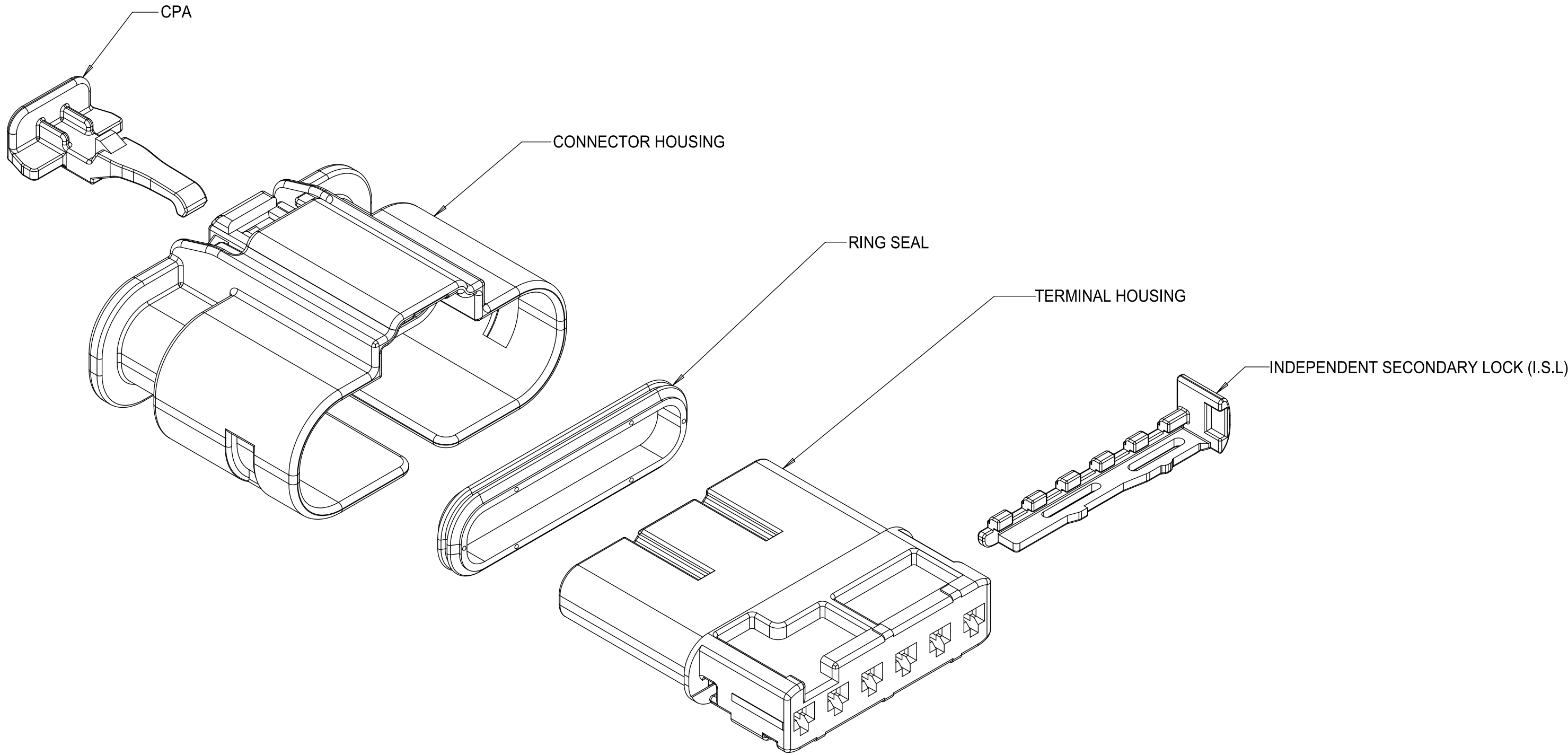
1X2

34900-3023	OBSOLETE
34900-3022	OBSOLETE
34900-3021	OBSOLETE
34900-3020	OBSOLETE
34900-3004	OBSOLETE
34900-3003	OBSOLETE
34900-3002	OBSOLETE
34900-3001	OBSOLETE
ASSEMBLY PART NUMBERS	STATUS

1X3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIMENSION UNITS MM		SCALE 1:1		Material: Heat treat: Finish: CURRENT REV DESC: SEE REVISION TABLE STATUS: Production DRWN: Abhishek Gajare 2025-07-25 CHK'D: Abhishek Gajare 2025-07-30 APPR: sandes13 2025-08-05 ORIG DRAWN BY: MVANSLAMBROU 2012-02-15			molex			
GENERAL TOLERANCES (UNLESS SPECIFIED)										
ANGULAR TOL ± 3°										
4 PLACES ±										
3 PLACES ±										
2 PLACES ± 0.100					1.2MM 1X2, 1X3 RECPT.					
1 PLACE ± 0.20					PRODUCT CUSTOMER DRAWING					
0 PLACES ± 0.50					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
					SD-34900-2001		PSD	001	D1	
TOOL NUMBER		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				D-SIZE	34900	SD-34900-2001		GENERAL MARKET		7 OF 7

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



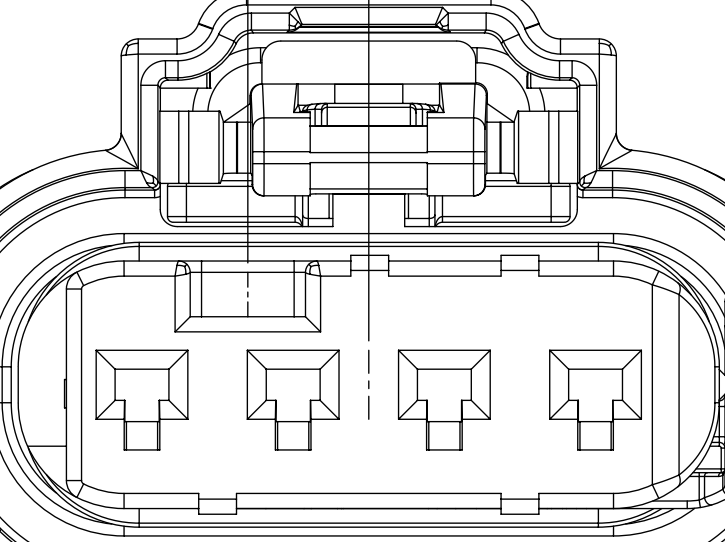
NOTES: VALID UNLESS OTHERWISE SPECIFIED

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

B	ADDED BLUE RESIN HOUSING PART NUMBERS
A15-A17	REMOVED CPA3
A14	UPDATED STATUS, ADDED WIRE DRESS COVERS
A13	NX-REMASTER, ADDED CPA2 PART NUMBERS ABD OBSELETE 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															
	= 0	ADDED BLUE RESIN PART NUMBERS EC NO: CO-00027295 DRWN: Manikya MD CHK'D: Abhishek Gajare APPR: sandes13	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3 ° 4 PLACES ± 0 3 PLACES ± 0 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS		SCALE		 1.2MM 1X4, 1X6 RECPT. SEALED ASSEMBLY CABLE SEAL 626759 - CHANGED CPA2 TO CPA2. ROLLING CHANGE AT GM.									
	= 0			MM		3:1											
	= 0			DRWN BY		DATE											
	= 0			MVANSLAMBROU		2012/05/03											
	= 0			CHK'D BY		DATE											
	= 0			APPR BY		DATE											
	= 0			GGA		2012/12/13											
	= 0			DRAWING SIZE		THIRD ANGLE PROJECTION											
	= 0			D													
B				REV		6		5		4		SERIES				MATERIAL NUMBER	
34900		SEE TABLE		GENERAL MARKET		DOCUMENT NUMBER				DOC TYPE		DOC PART		SHEET NUMBER			
SD-34900-6001		PSD		001		1 OF 7		3		2		1					

3.20

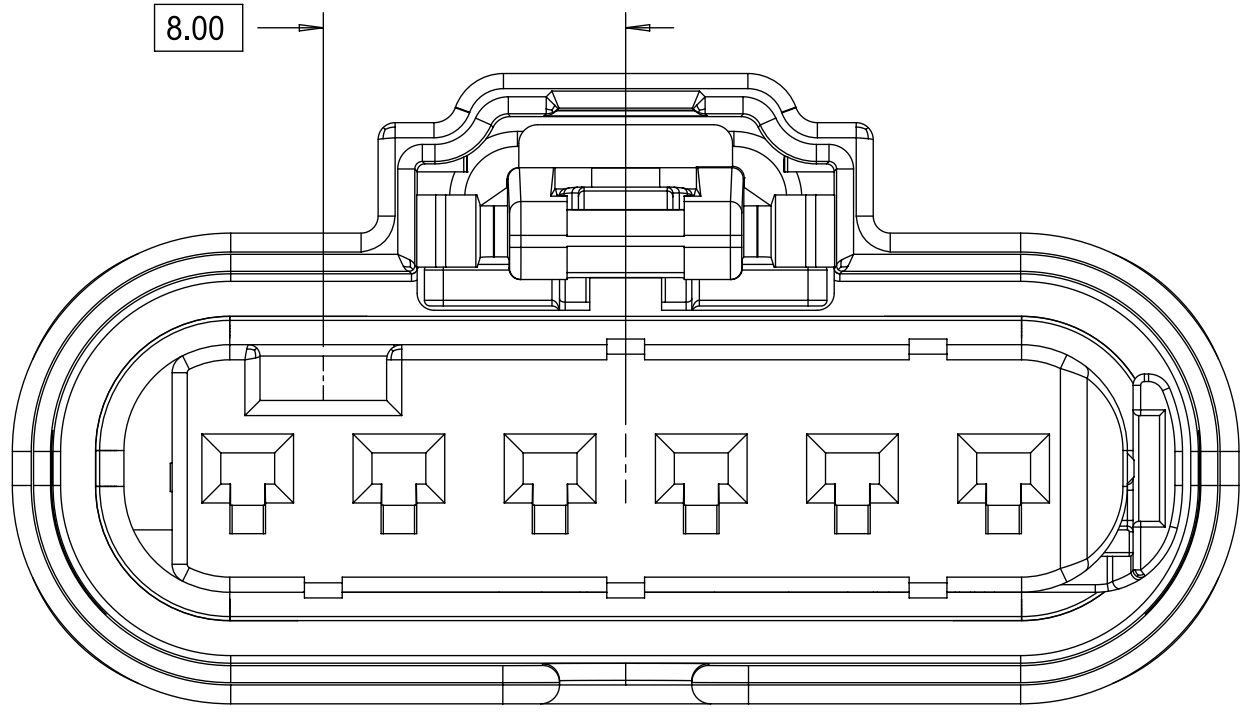


The architectural drawing consists of two parts. The upper part is a plan view of a rectangular room, likely a chapel or a small hall, featuring four square columns supporting a flat ceiling. A central aisle runs through the room. The lower part is a section view showing the interior structure, including the roof profile and the arrangement of the columns. A scale bar at the top right indicates a length of 0.00.

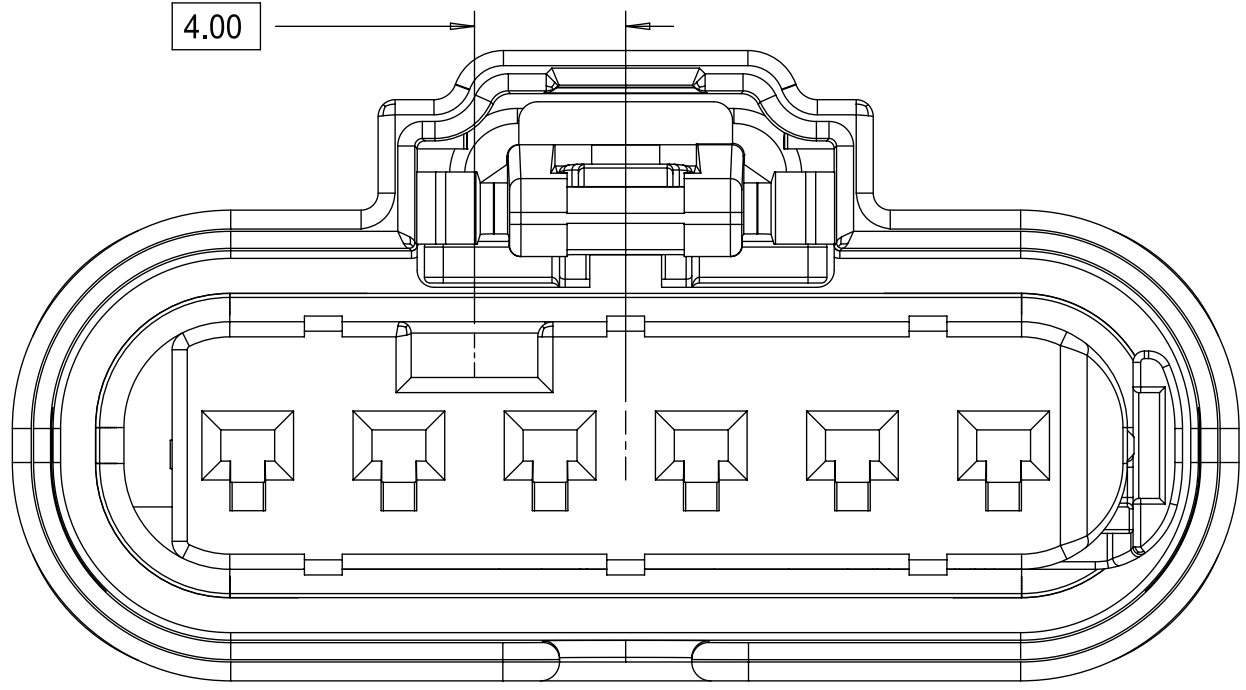
Technical drawing showing the rear view of a mechanical component. The drawing includes a central rectangular block and four surrounding rectangular blocks. A dimension line indicates a width of 1.60.

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
	= 0	ADDED BLUE RESIN PART NUMBERS EC NO: CO-000027295 DRWN: Manjika MD CHKD: Abhishek Gajare APPR: sandes13	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS MM		SCALE 5:1							
	= 0		ANGULAR TOL ± 3 °		DRWN BY MVANSIAMBROU		DATE 2012/05/03							
	= 0		4 PLACES ± 0		CHKD BY		DATE							
	= 0		3 PLACES ± 0		APPR BY		DATE		1.2MM 1X4, 1X6 RECPT. SEALED ASSEMBLY CABLE SEAL 626759 - CHANGED CPA2 TO CPA2. ROLLING CHANGE AT GM.					
	= 0		2 PLACES ± 0.1		GGA 2012/12/13									
	= 0		1 PLACE ± 0.2											
	= 0		0 PLACES ± 0.5		DRAWING SIZE		THIRD ANGLE PROJECTION		G Customer Product Dwg SERIES MATERIAL NUMBER CUSTOMER 34900 SEE BOM GENERAL MARKET					
	= 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		D									
	= 0		B	REV			DOCUMENT NUMBER SD-34900-6001		DOC TYPE PSD		DOC PART 001		SHEET NUMBER 2 OF 7	

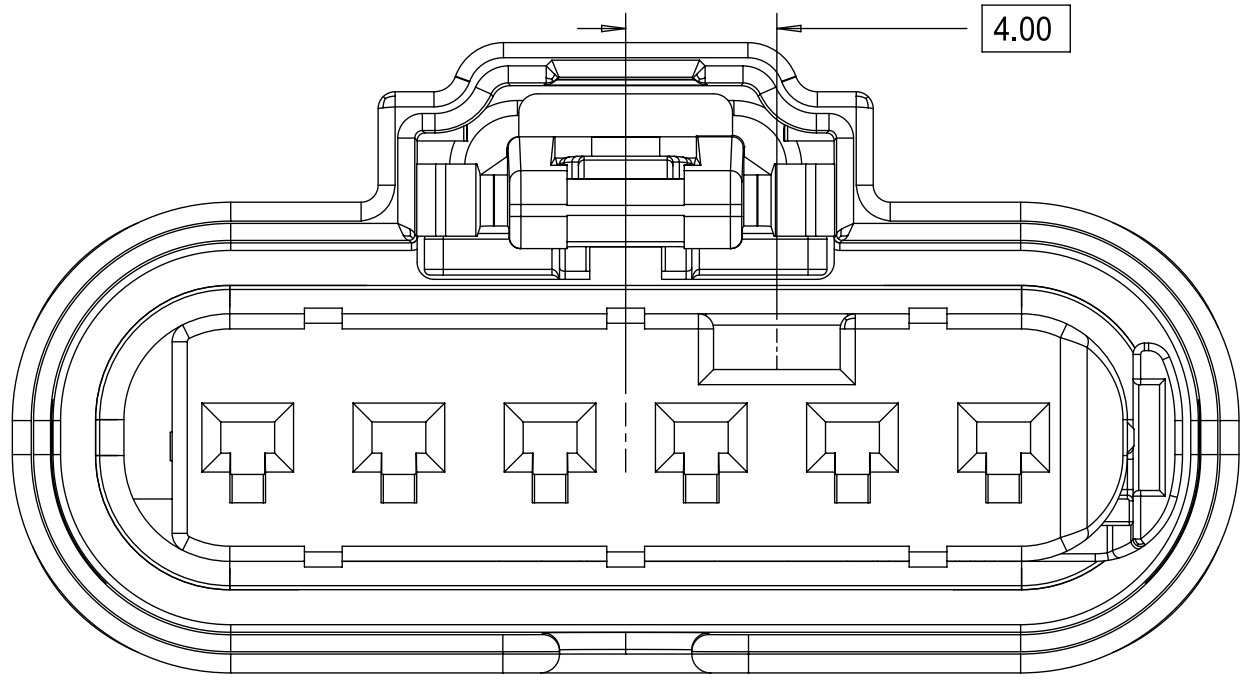
1x6 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS. FOR PART NUMBERS REFER TO BOM SHEET.



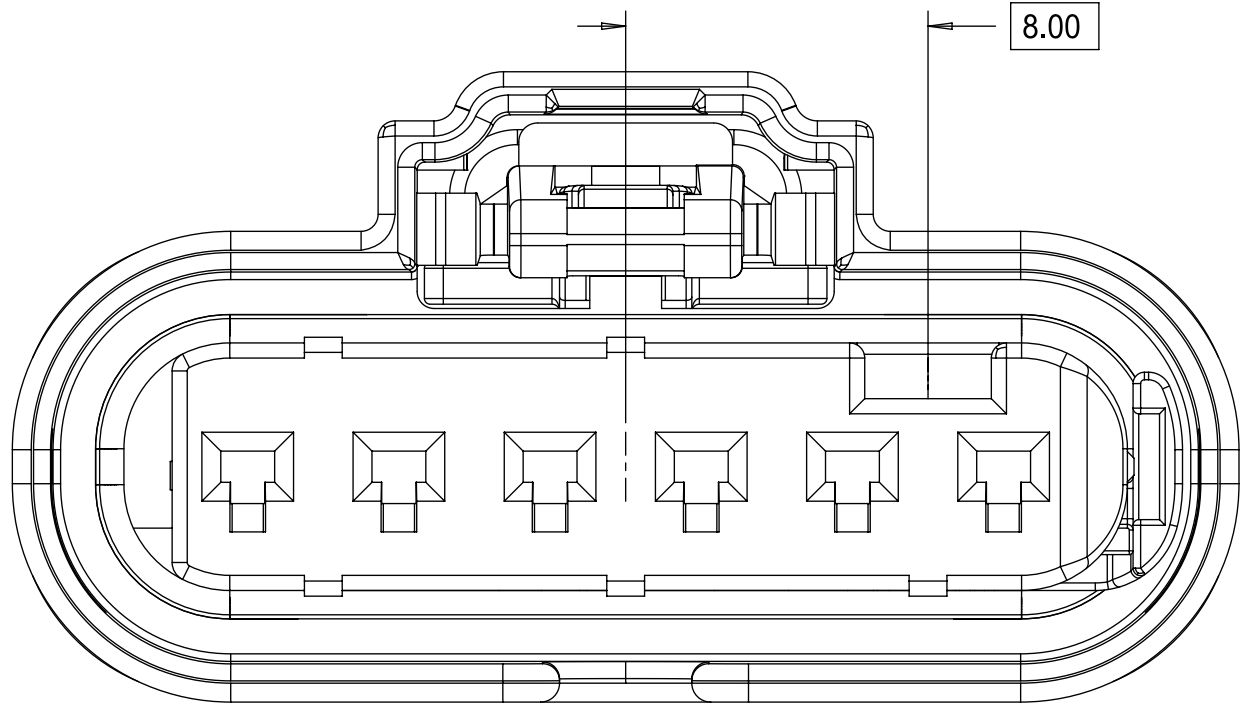
KEYING OPTION A



KEYING OPTION B



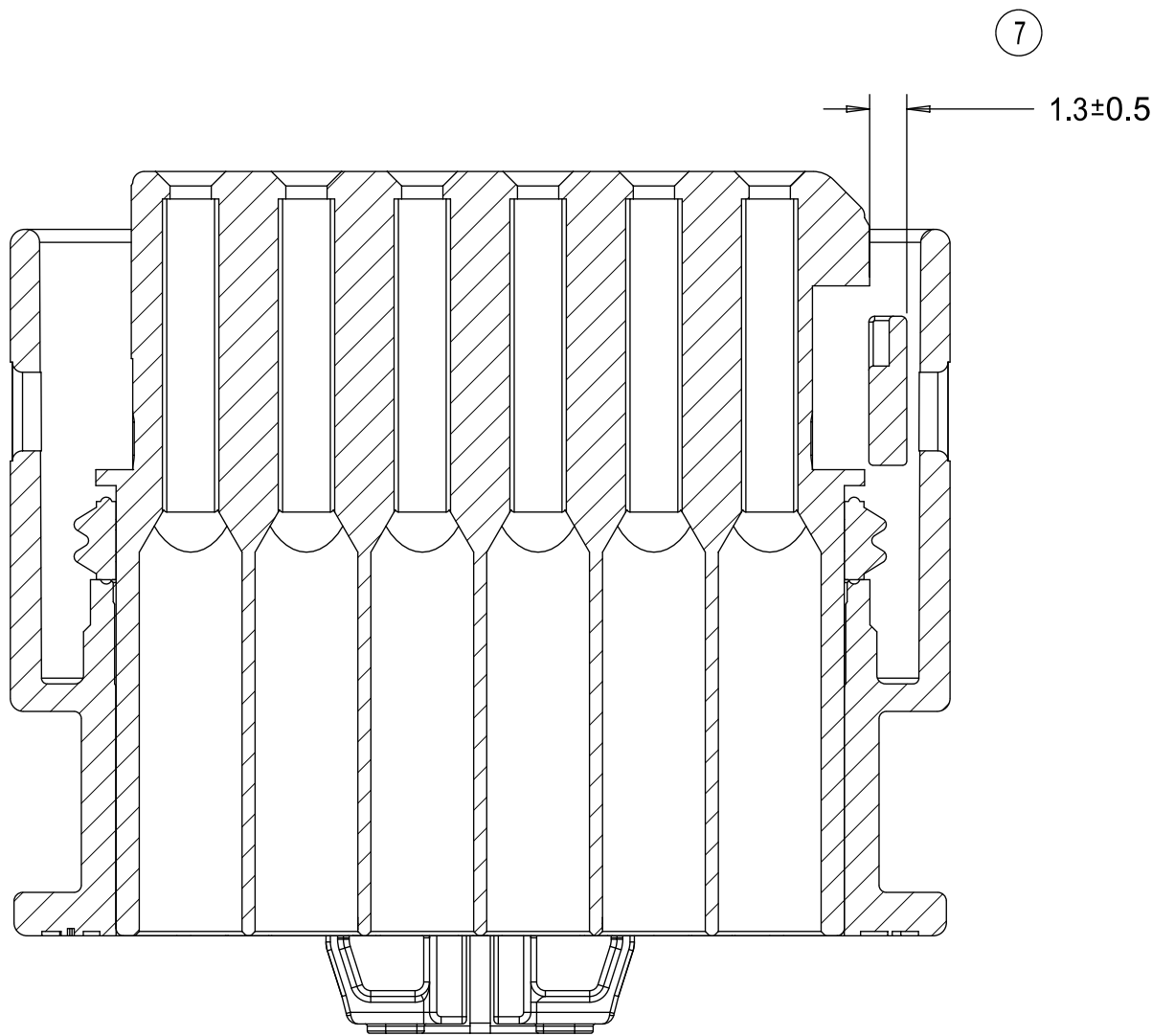
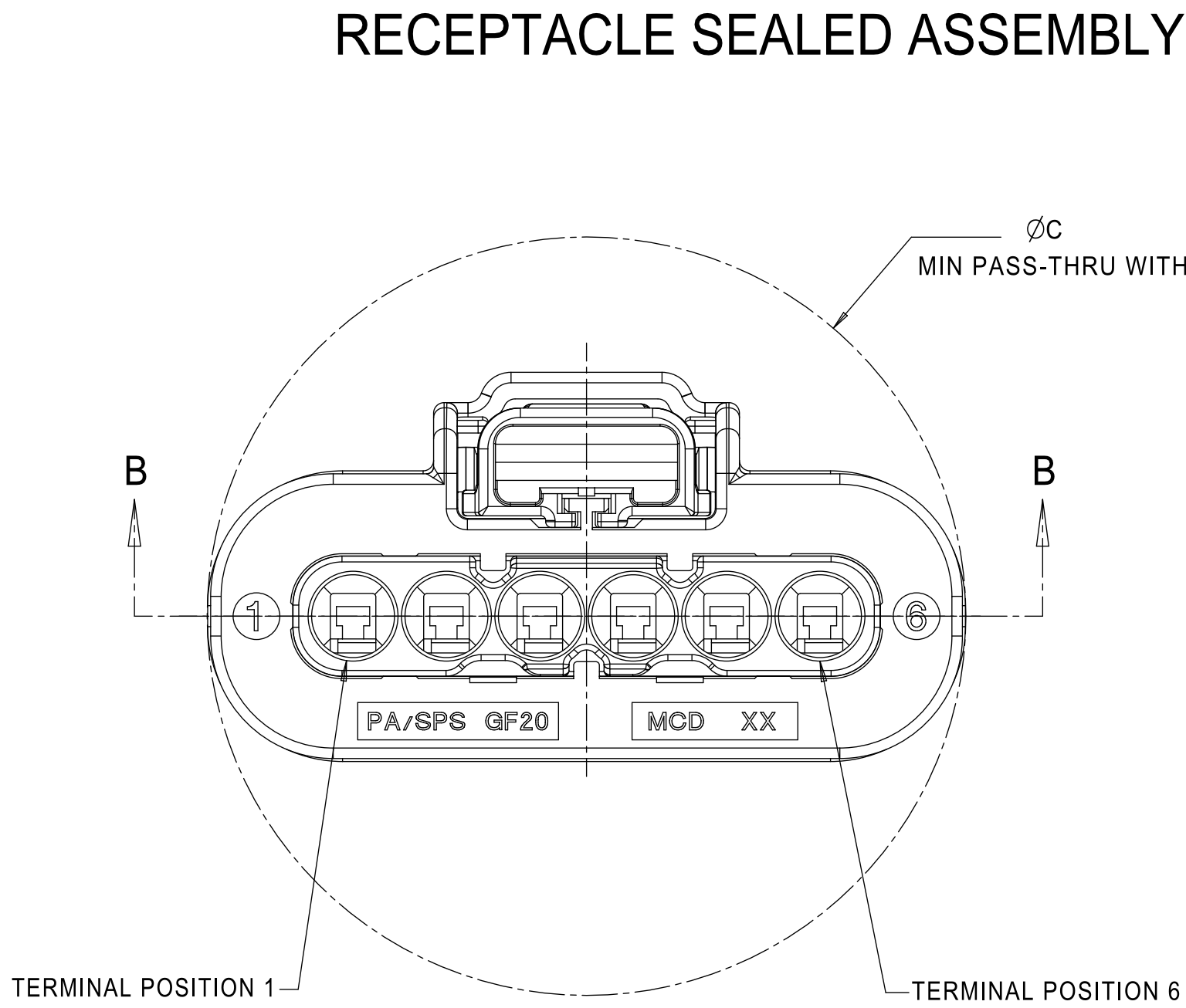
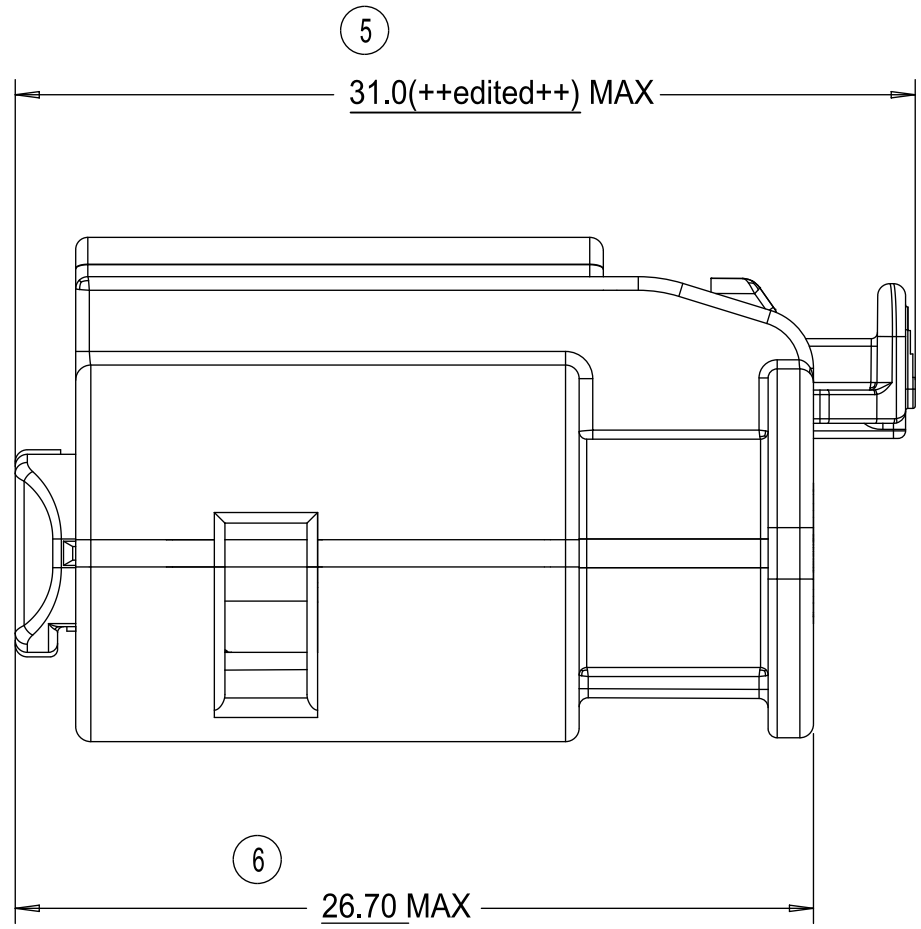
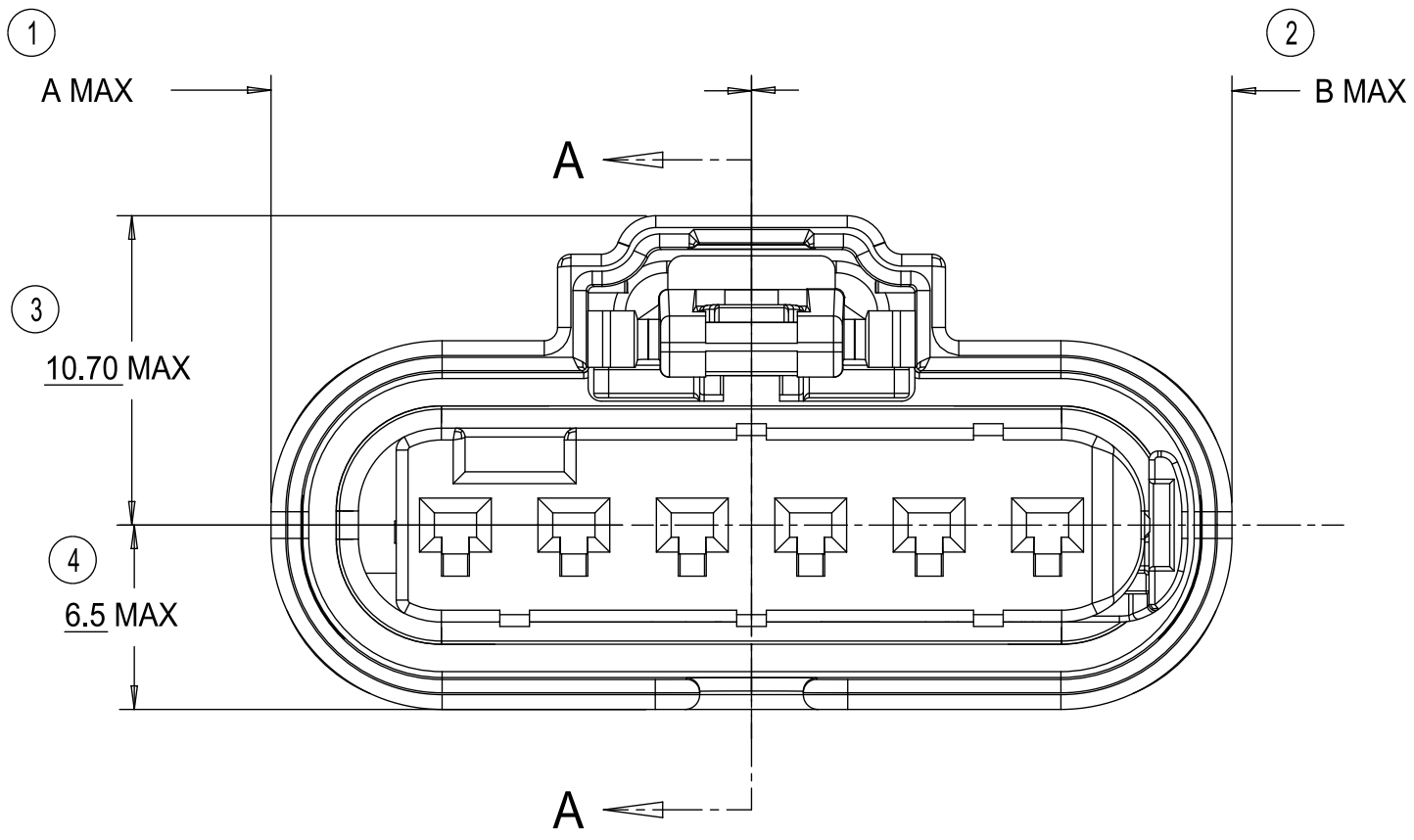
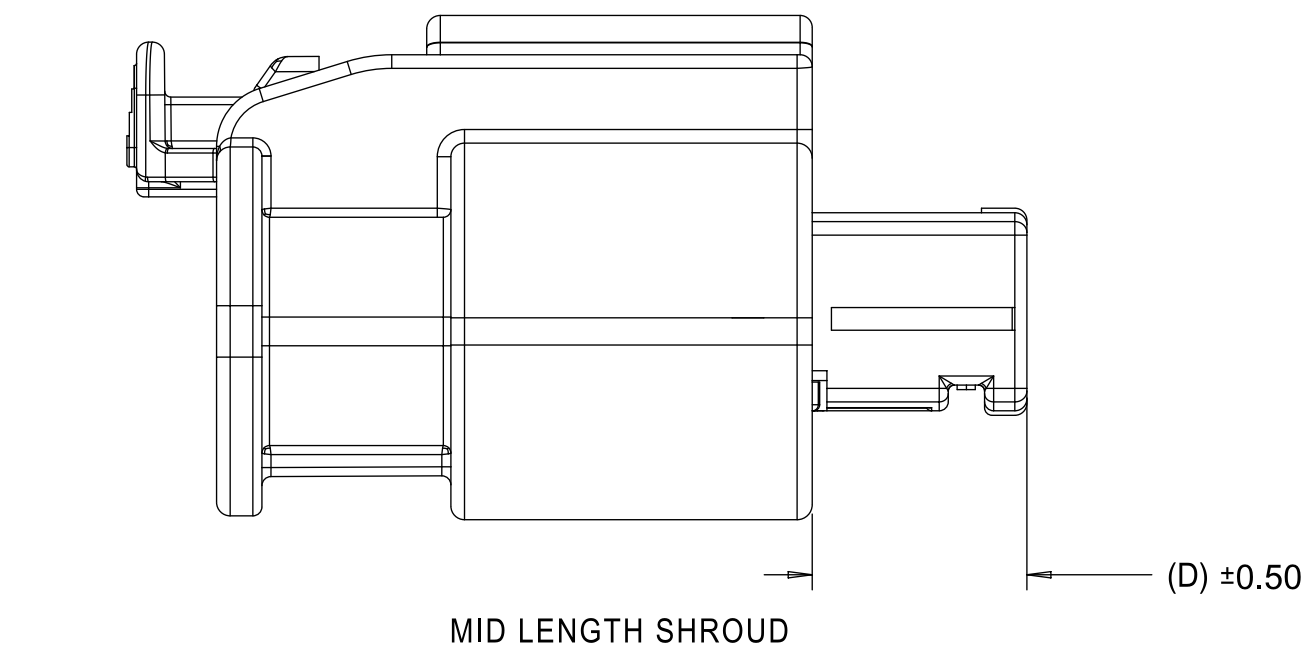
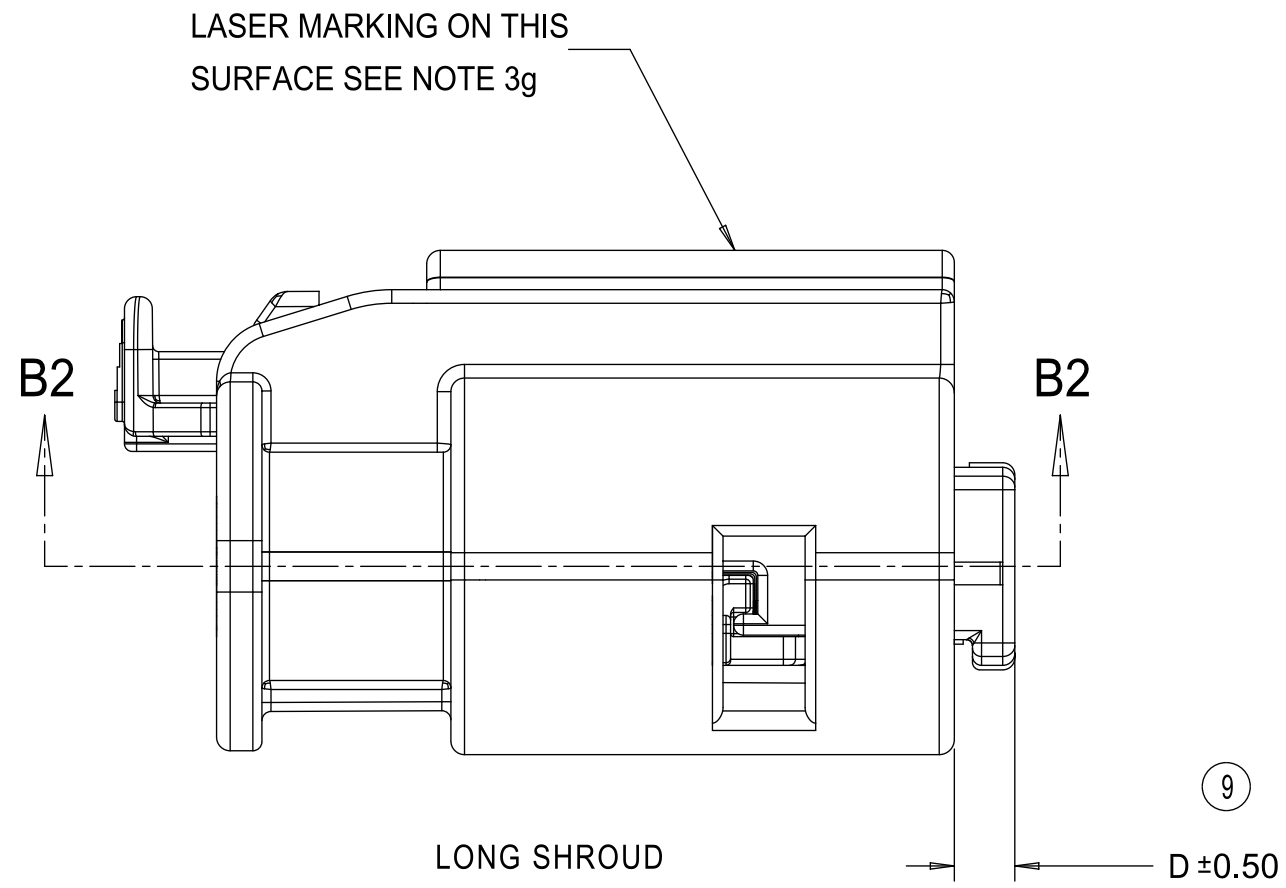
KEYING OPTION C



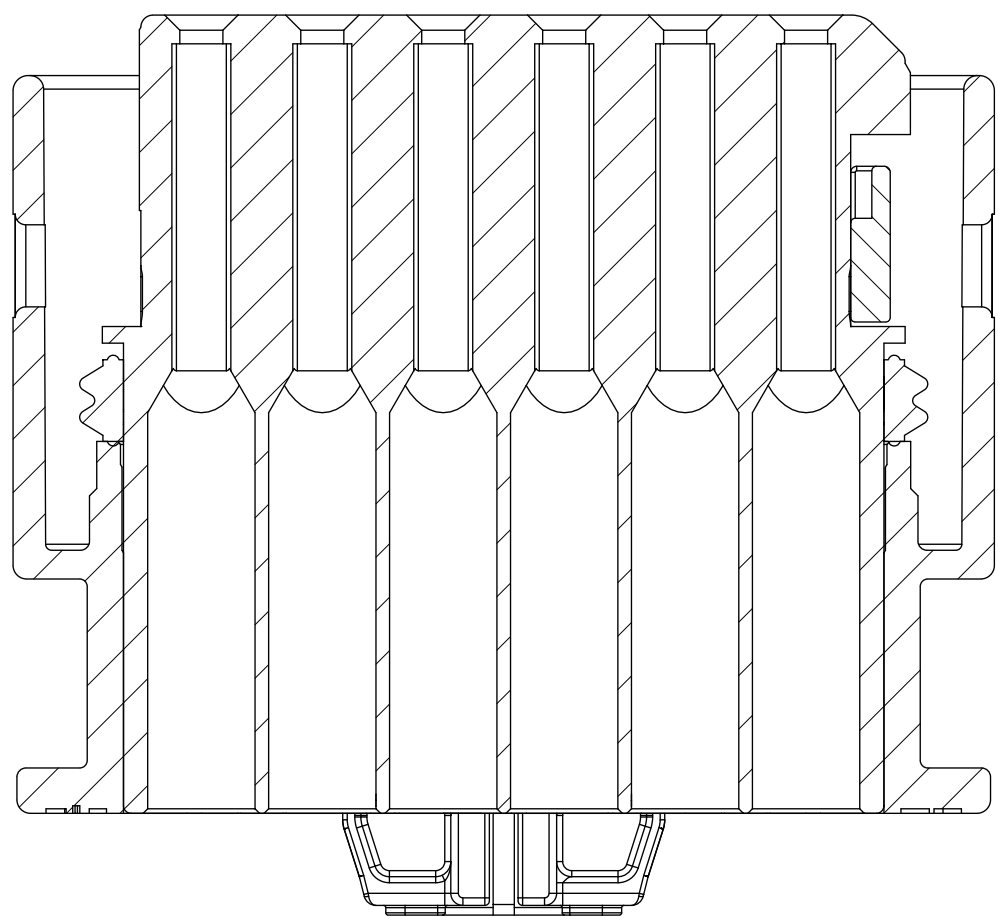
KEYING OPTION D

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	= 0	ADDED BLUE RESIN PART NUMBERS EC NO: CO-00027295 DRWN: Maniyya MD CHKD: Abhishek Gajare REV APPR: sandes13	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.			
	= 0				MM		5:1					
	= 0				DRWN BY		DATE					
	= 0				MVANSLAMBROU		2012/05/03					
	= 0				CHK'D BY		DATE					
	= 0				APPR BY		DATE					
	= 0				GGA		2012/12/13		G Customer Product Dwg			
	= 0				DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES	MATERIAL NUMBER	CUSTOMER	
	= 0				D				34900	SEE BOM	GENERAL MARKET	
	= 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER	
		B					SD-34900-6001		PSD	001 3 OF 7		

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



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 = 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														
	ADDED BLUE RESIN PART NUMBERS EC NO: CO-000027295 DRWN: Manikya MD CHKD: Abhishek Gajare REV APPR: sandes13		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 ± 3 °		MM		4:1								
			4 PLACES ± 0		DRWN BY		DATE								
			3 PLACES ± 0		MVANSLAMBROU		2012/05/03								
2 PLACES ± 0.1		CHKD BY		DATE		G Customer Product Dwg									
1 PLACE ± 0.2		APPR BY		DATE		SERIES		MATERIAL NUMBER		CUSTOMER					
0 PLACES ± 0.5		GGA		2012/12/13		DRAWING SIZE		THIRD ANGLE PROJECTION		34900		SEE BOM		GENERAL MARKET	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		B		D		= 0		= 0		DOCUMENT NUMBER		DOC TYPE		DOC PART SHEET NUMBER	
										SD-34900-6001		PSD		001 4 OF 7	

1X4 RECEPTACLE SEALED ASSEMBLY BOM SHEET 1

KEY OPTION A	BLUE	BLACK	LONG	34900-4260			CHC		A							CPA2	SALABLE		1	2
KEY OPTION A	BLUE	BLACK	LONG	34900-4160			CHC		A						CPA1		SALABLE		1	2
KEY OPTION G	BLACK	LIGHT GRAY	LONG	34900-4226		CHB										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						G			CPA2	CONCEPT		1	2
KEY OPTION F	BLACK	BLACK	MID LENGTH	34900-4135			CHMB						F			CPA2	CONCEPT		1	2
KEY OPTION E	BLACK	DARK GRAY	MID LENGTH	34900-4134			CHMB						E			CPA2	CONCEPT		1	2
KEY OPTION D	BLACK	LIGHT GRAY	MID LENGTH	34900-4133			CHMB					D				CPA2	CONCEPT		1	2
KEY OPTION C	BLACK	DARK GRAY	MID LENGTH	34900-4132			CHMB					C				CPA2	CONCEPT		1	2
KEY OPTION B	BLACK	STONE GRAY	MID LENGTH	34900-4131			CHMB				B					CPA2	CONCEPT		1	2
KEY OPTION A	BLACK	BLACK	MID LENGTH	34900-4130			CHMB	A								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				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
ASSEMBLY DESCRIPTION	CONNECTOR HOUSING COLOR	TERMINAL HOUSING COLOR	OUTER HOUSING SHROUD LENGTH	ASSEMBLY PART NUMBER					A	B	C	D	E	F	G	CPA1	CPA2	PRODUCTION TOOL STATUS	COMMENTS	DESIGNED TO MATE WITH DEVICE CONNECTION

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	BLUE	SPS/NYLON GF20	UPDATED LATCH
CONNECTOR HOUSING	BLACK	SPS/NYLON GF20	UPDATED LATCH
CONNECTOR HOUSING	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	
DESCRIPTION	COLOR	MATERIAL	COMMENTS
BOM/APPLICABLE COMPONENTS TABLE			

LEGEND TABLE	
ABREVIATION	COMPONENT
CHY	CONNECTOR HOUSING YELLOW
CHB	CONNECTOR HOUSING BLACK
CHC	CONNECTOR HOUSING BLUE(CYAN)
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

QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
	ADDED BLUE RESIN PART NUMBERS EC NO: CO-000027295 DRWN: Manikya MD CHK'D: Abhishek Gajare APP'D: sandes13	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.													
			MM		5:1															
			DRWN BY		DATE															
			▲ = 0 ▽ = 0 ◀ = 0 ◻ = 0 ◼ = 0 ◽ = 0	ANGULAR TOL ± 3 °	4 PLACES ± 0		MVANSLAMBROU		2012/05/03											
					3 PLACES ± 0		CHK'D BY		DATE											
					2 PLACES ± 0.1		APPR BY		DATE											
			◻ = 0 ◼ = 0 ◽ = 0	1 PLACE ± 0.2	0 PLACES ± 0.5		GGA		2012/12/13		G Customer Product Dwg SERIES MATERIAL NUMBER CUSTOMER 34900 SEE BOM 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		THIRD ANGLE PROJECTION											
					D															

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: Finish:				molex				1.2MM 1X4, 1X6 RECPT. SEALED ASSEMBLY CABLE SEAL 626759 - CHANGED CPA2 TO CPA2. ROLLING CHANGE AT GM.			
MM		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				CURRENT REV DESC: ADDED BLUE RESIN PART NUMBERS											
ANGULAR TOL ± 3 °				EC NO: CO-000027295 DRWN: Manikya MD 25-Feb-2025 CHK'D: Abhishek Gajare 02-Jul-2025 APPR: sandes13 02-Jul-2025 ORIG DRWN BY: MVANSLAMBROU 03-May-2012											
4 PLACES		± 0													
3 PLACES		± 0													
2 PLACES		± 0.1													
1 PLACE		± 0.2													
0 PLACES		± 0.5						PRODUCT CUSTOMER DRAWING							
TOOL NUMBER				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		34900				GENERAL MARKET		7 OF 7	

DOCUMENT STATUS	Production	RELEASE DATE	02-Jul-2025	16:54:53
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