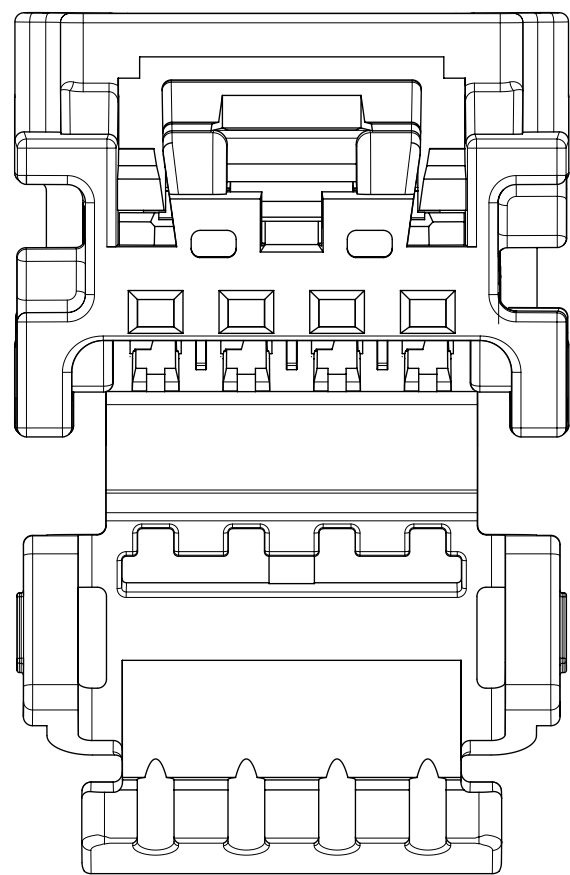
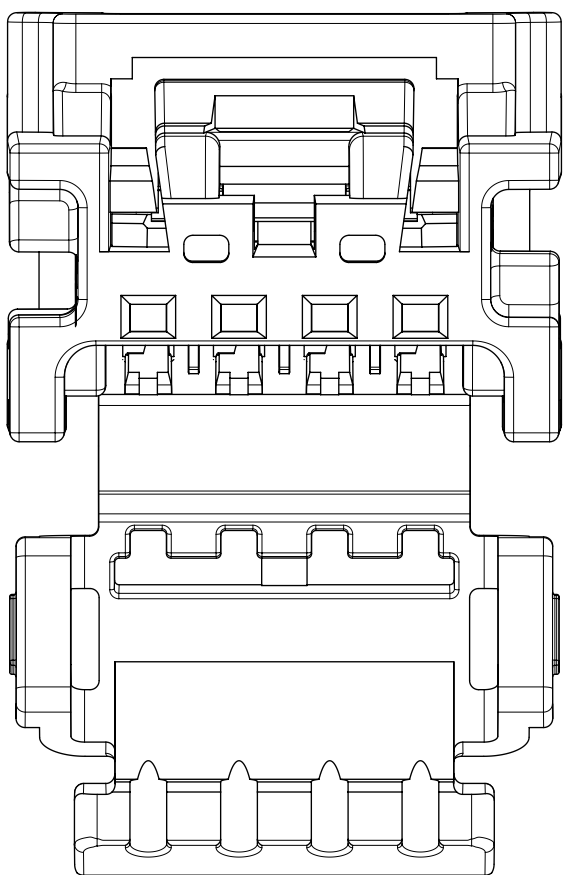
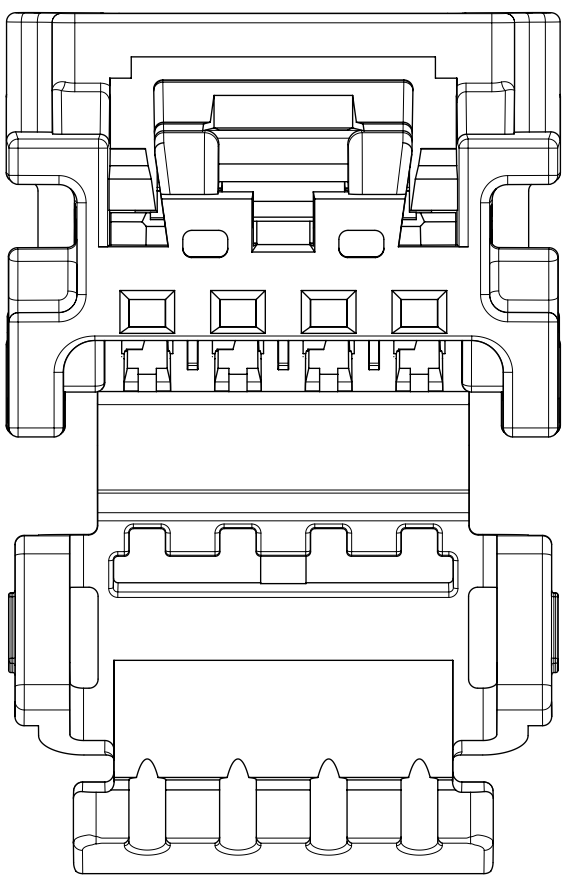
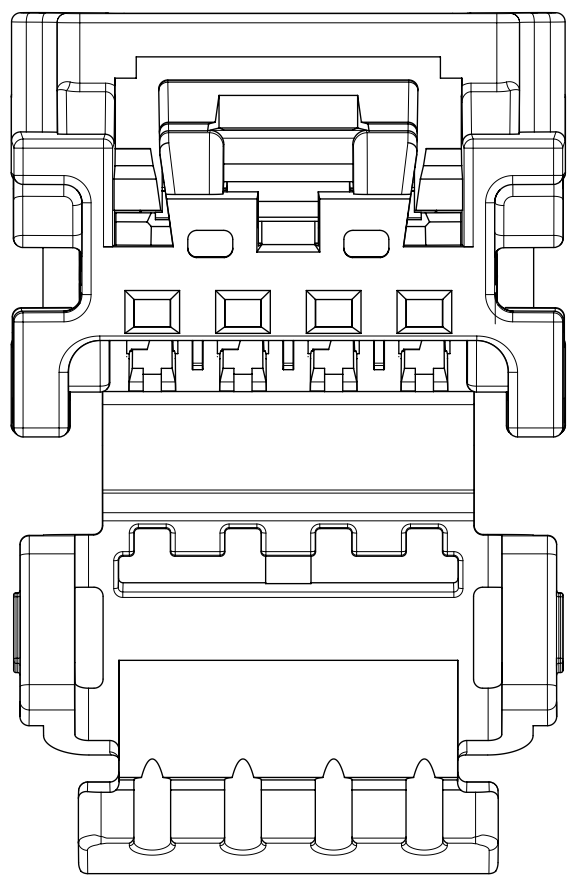
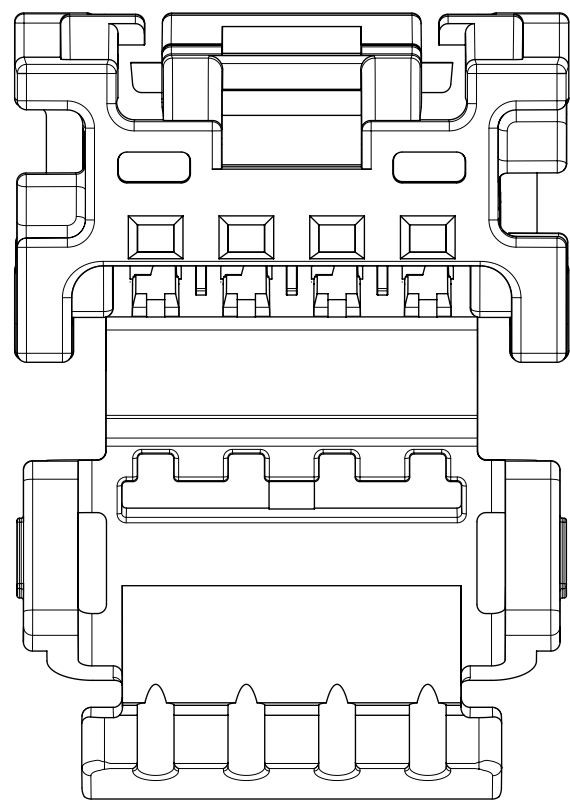
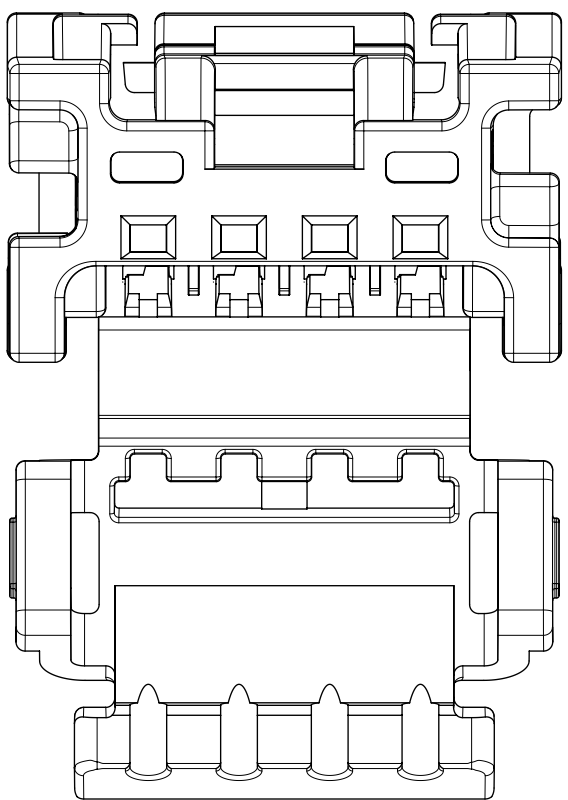
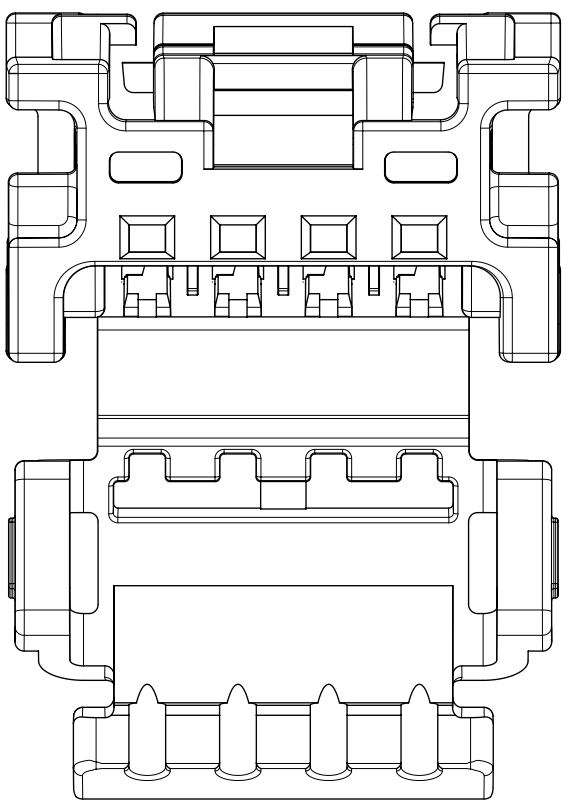
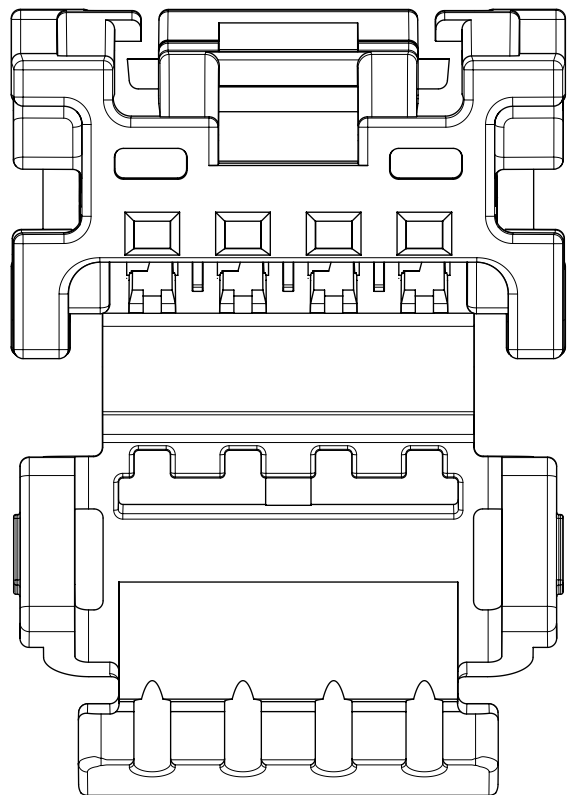
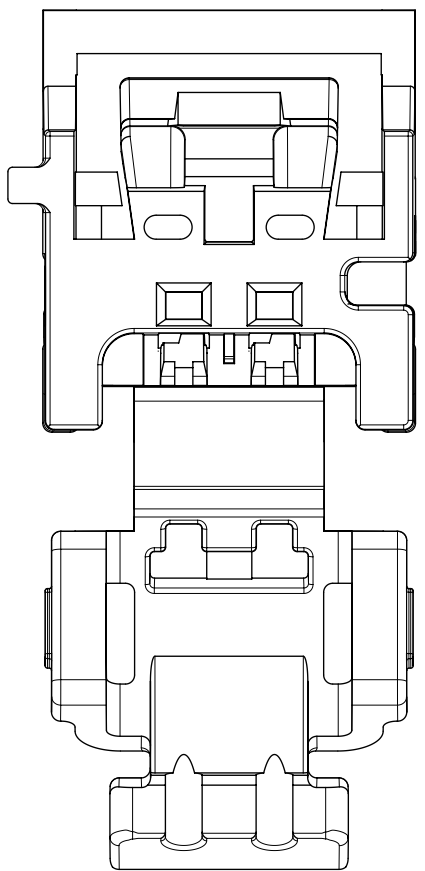
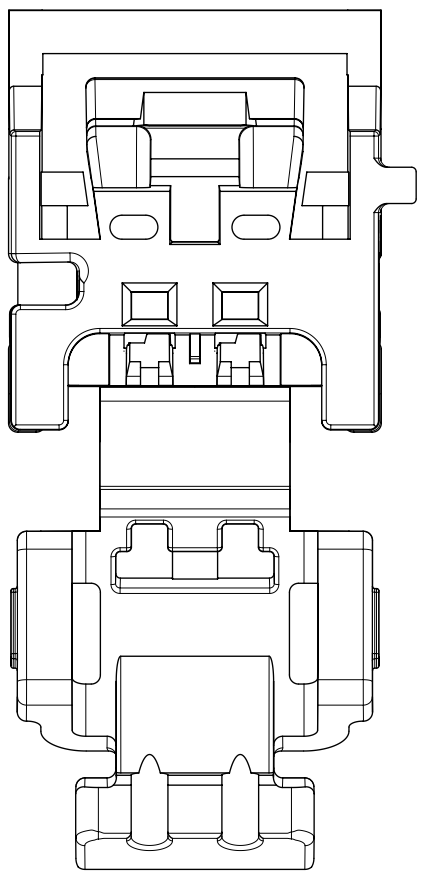
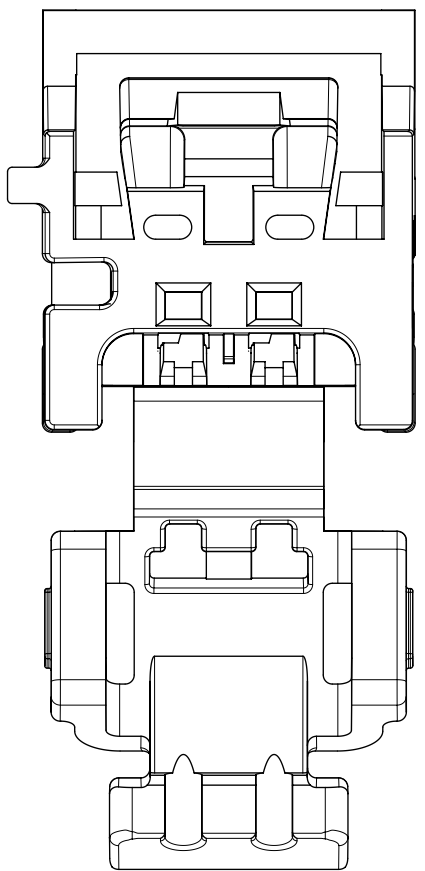
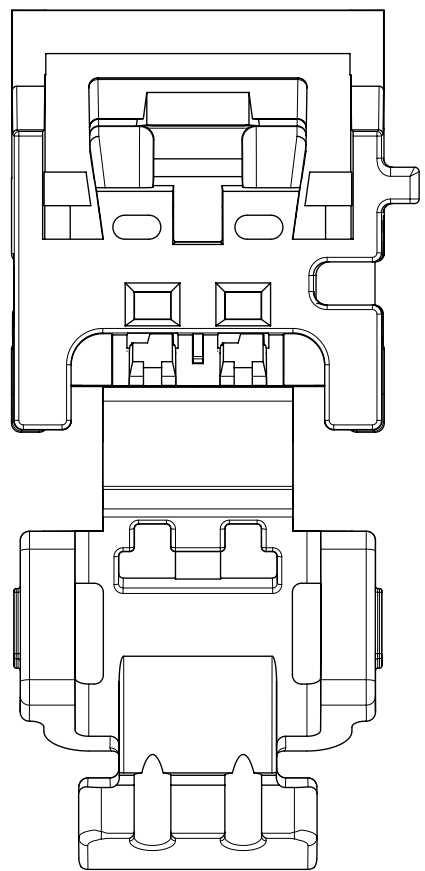




NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
 - a. APPLICATION SPECIFICATION SEE: AS-34791-020
 - b. PRODUCT SPECIFICATION SEE: PS-34971-020
 - c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31301-538
 - 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)
 - f. FLAMMABILITY REQUIREMENT: PER ISO3795 OR GM3191
 1. BURN RATE 100 mm/MIN MAXIMUM
 2. MATERIAL MUST BE SELF EXTINGUISHING
 - g. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
 - h. FOR TERMINAL USAGE, REFER TO MOLEX SALES DRAWING SD-560023-002.

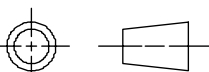
2. DESIGN - MATERIALS:
a. MATERIAL: UNFILLED PBT

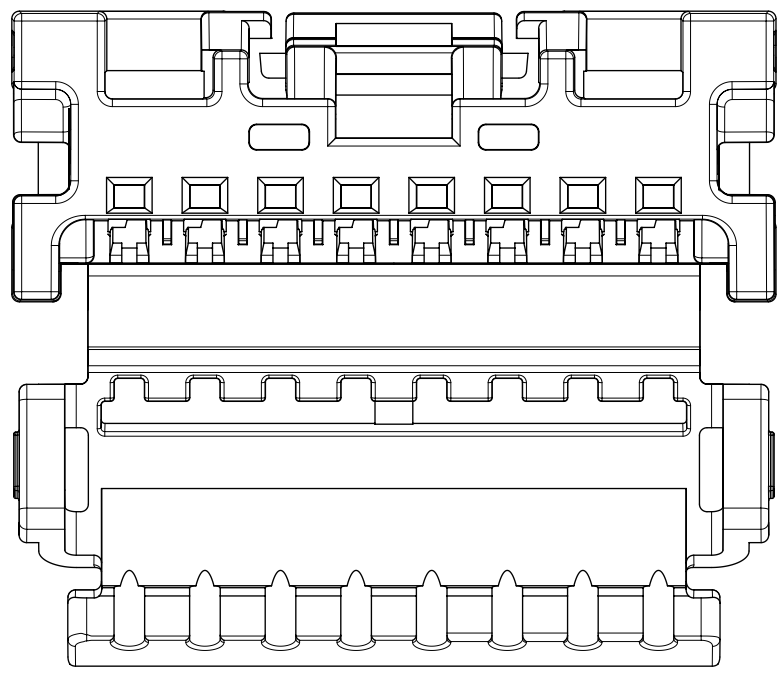
3. DESIGN - GEOMETRY:
- a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
 - b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
 - c. GENERAL TOLERANCES:
 LINEAR: PER DIN 16901 CODE B FOR PRECISION ENGINEERING
 ANGULAR: $\pm 3^\circ$
 - d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - e. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX
 - f. LETTERING SHALL BE 0.1 MAX RAISED IN 0.15 MAX RECESS PAD AND NOT PROTRUDE THE SURFACE. THIS INCLUDES RECYCLING CODE, PLANT AND CAVITY ID, VENDOR ID, CIRCUIT ID, AND PART SERIES NUMBER.

4. DESIGN - FUNCTIONALITY
- a. HINGE DOES NOT AFFECT FUNCTION OF THE PART.

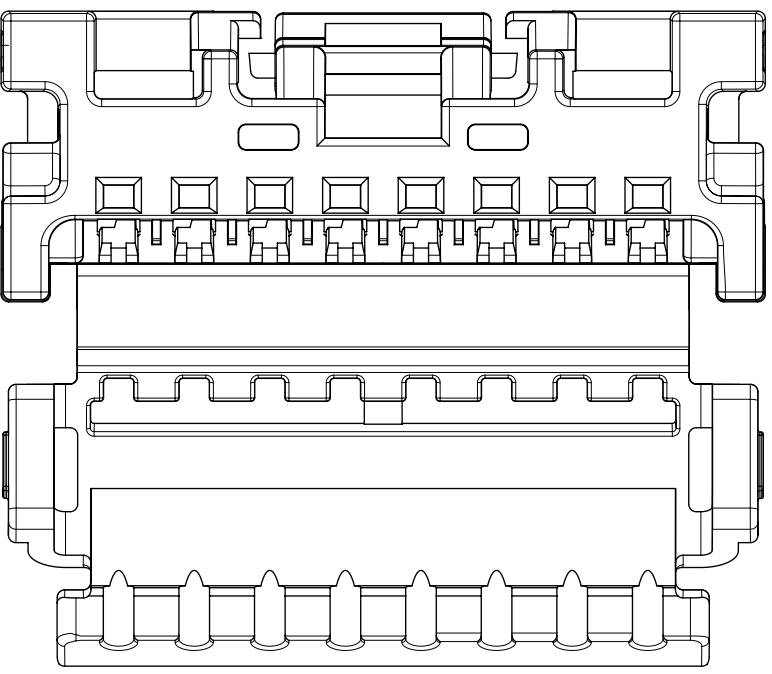
INSPECTION BALLOON NUMBER LOG	
PER DRAWING REVISION: L2	
LAST BALLOON USED: 16	
ADDED BALLOON NUMBERS:	
L2	NX REMASTERING
REV	DESCRIPTION
REMOVED BALLOON NUMBERS:	

L2	NX REMASTERING
REV	DESCRIPTION

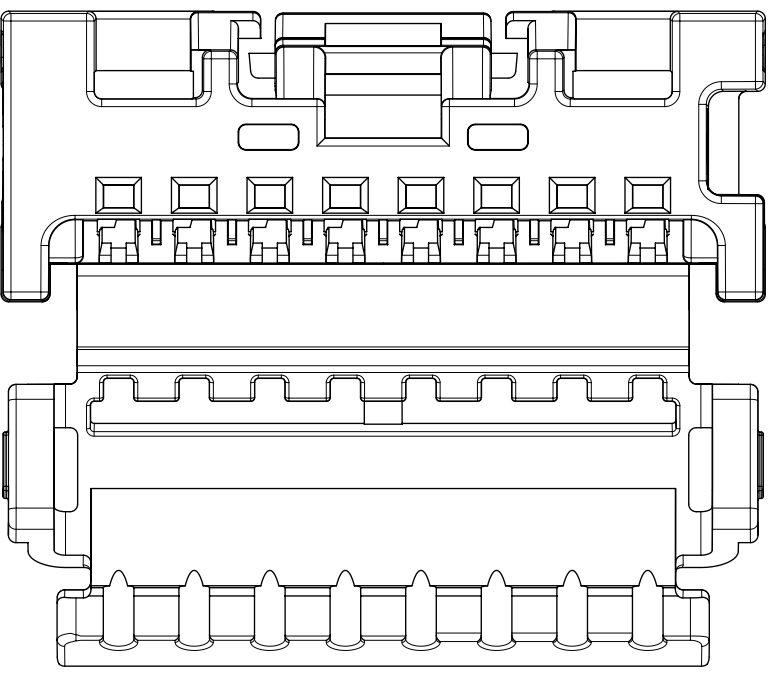
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
EC NO: 606525 DRWN: TMACHUGA CHKD: JDUNAJ APPR: JDUNAJ	2018/10/24	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE		molex®								
	2018/10/24		MM ONLY		6:1										
	2018/10/24		ANGULAR TOL ± °	DRWN BY		DATE		MINI50 SINGLE ROW RECEPTACLE SALES DRAWING							
			4 PLACES ±	JDUNAJ		2010/06/24									
			3 PLACES ±	CHK'D BY		DATE									
			2 PLACES ±	BDICK		2010/06/24									
			1 PLACE ±	APPR BY		DATE		PRODUCT CUSTOMER DRAWING							
			0 PLACES ±	SMARCEAU		2011/11/21									
				DRAFT WHAT APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES	MATERIAL NUMBER			CUSTOMER		
					D				34791	SEE TABLE			GENERAL MARKET		
						DOCUMENT NUMBER			DOC TYPE		DOC PART	SHEET NUMBER			
						SD-34791-001			PSD		000	1 OF 5			



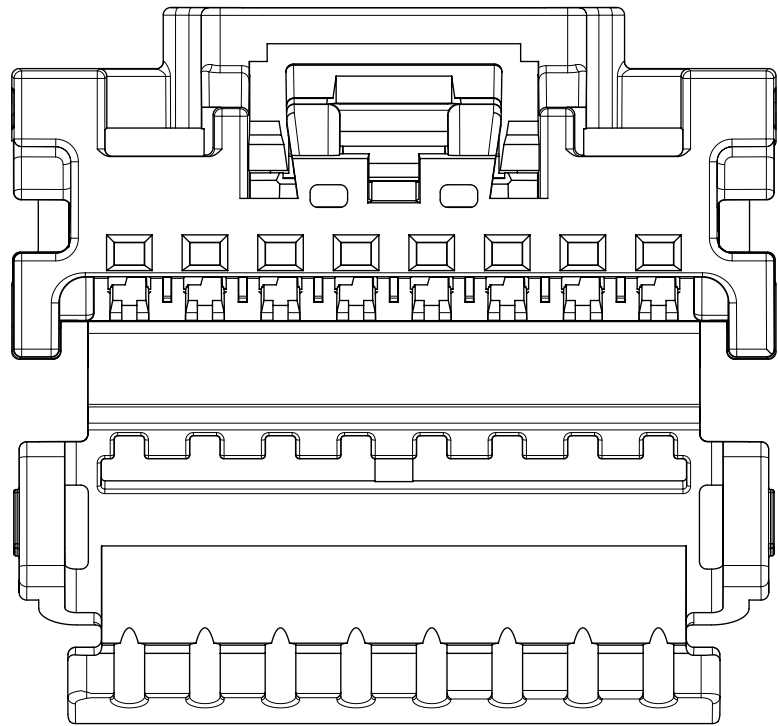
8 CIRCUIT RECEPTACLE WITHOUT LOCK BRIDGE
POLARIZATION OPTION A



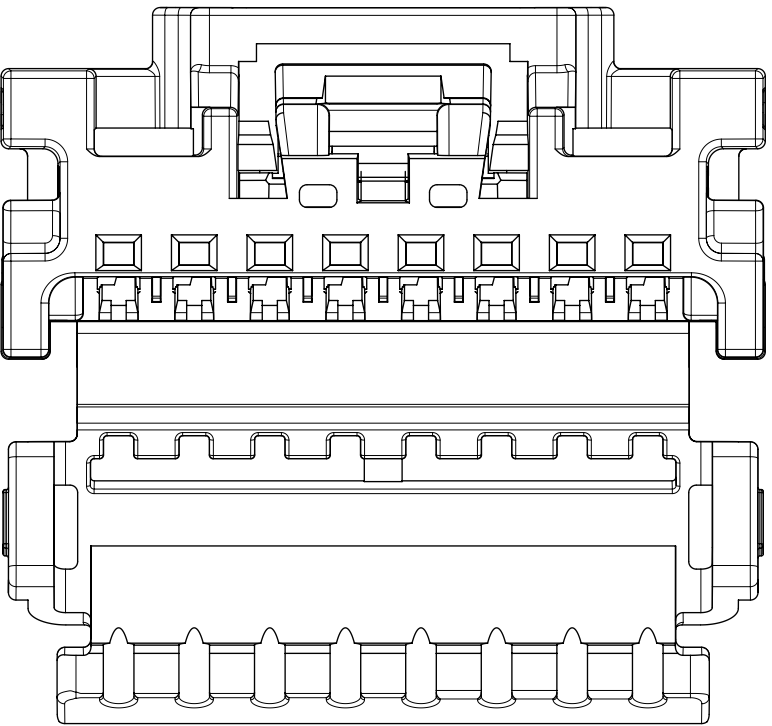
8 CIRCUIT RECEPTACLE WITHOUT LOCK BRIDGE
POLARIZATION OPTION B



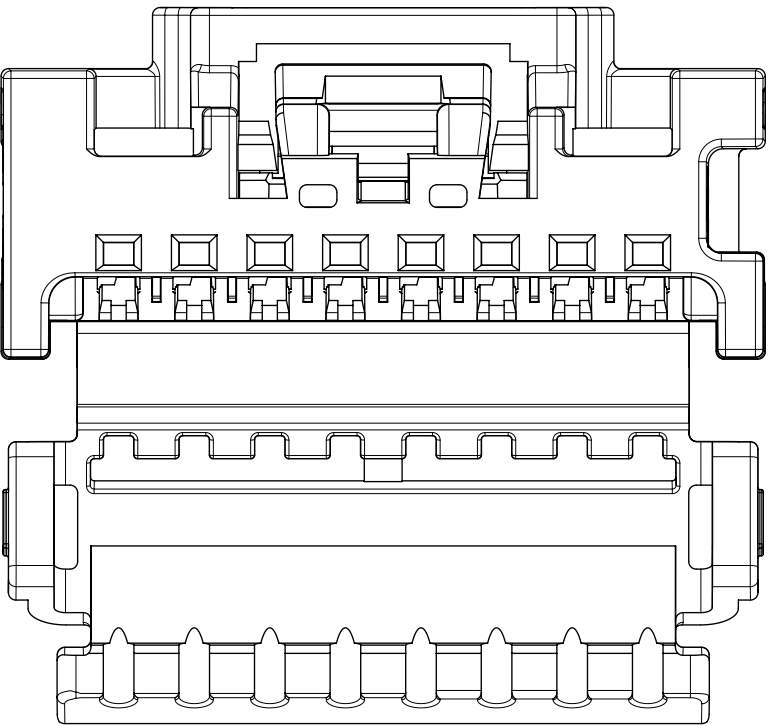
8 CIRCUIT RECEPTACLE WITHOUT LOCK BRIDGE
POLARIZATION OPTION C



8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION A

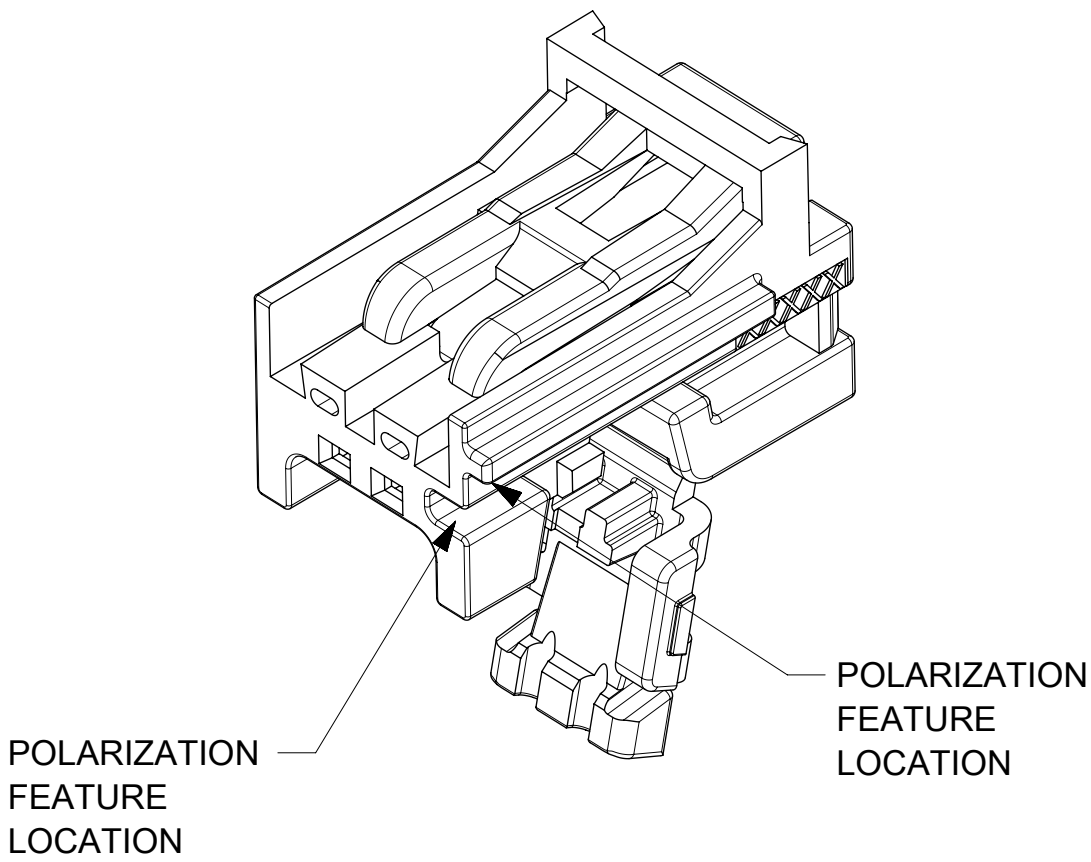


8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION B

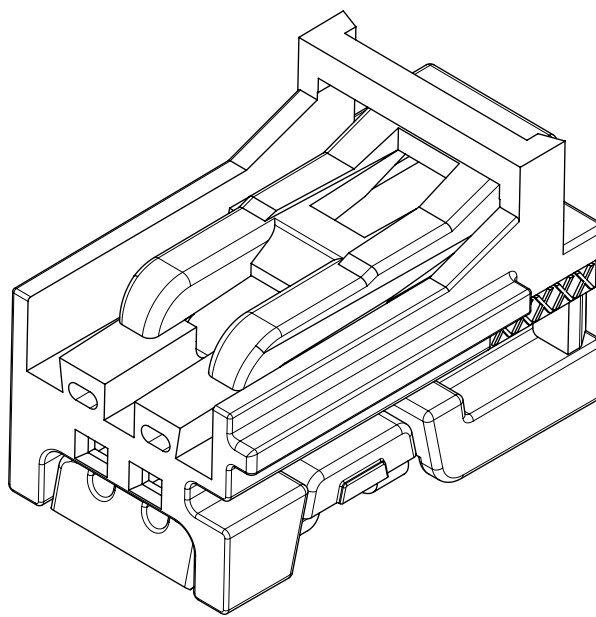


8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION C

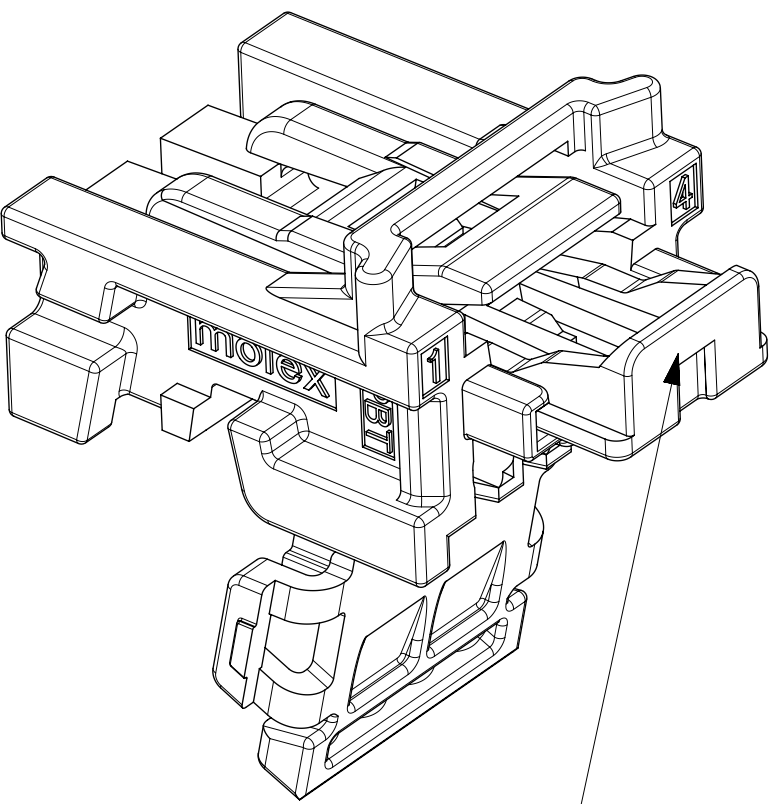
HINGE OPEN
2 CIRCUIT RECEPTACLE SHOWN
(AS SHIPPED)



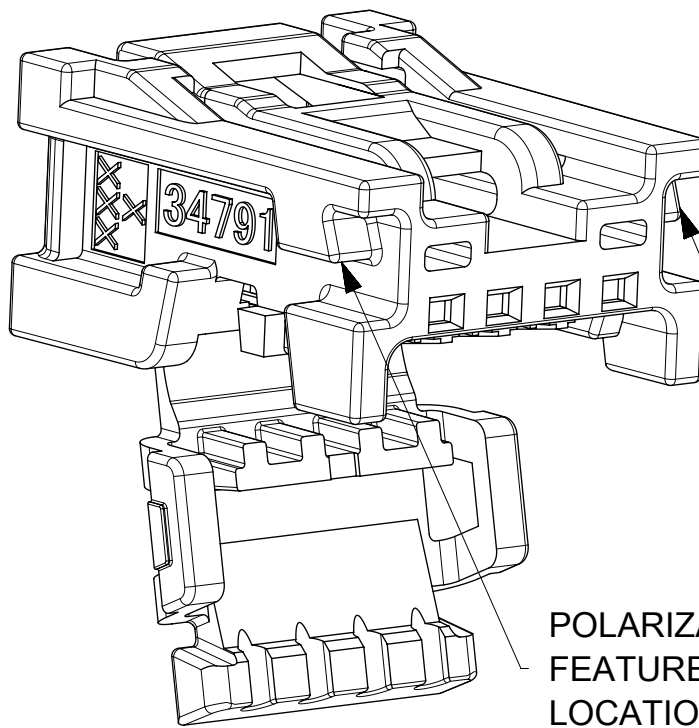
HINGE CLOSED
2 CIRCUIT RECEPTACLE SHOWN
(AS ASSEMBLED)



HINGE OPEN
4 CIRCUIT RECEPTACLE SHOWN
(AS SHIPPED)



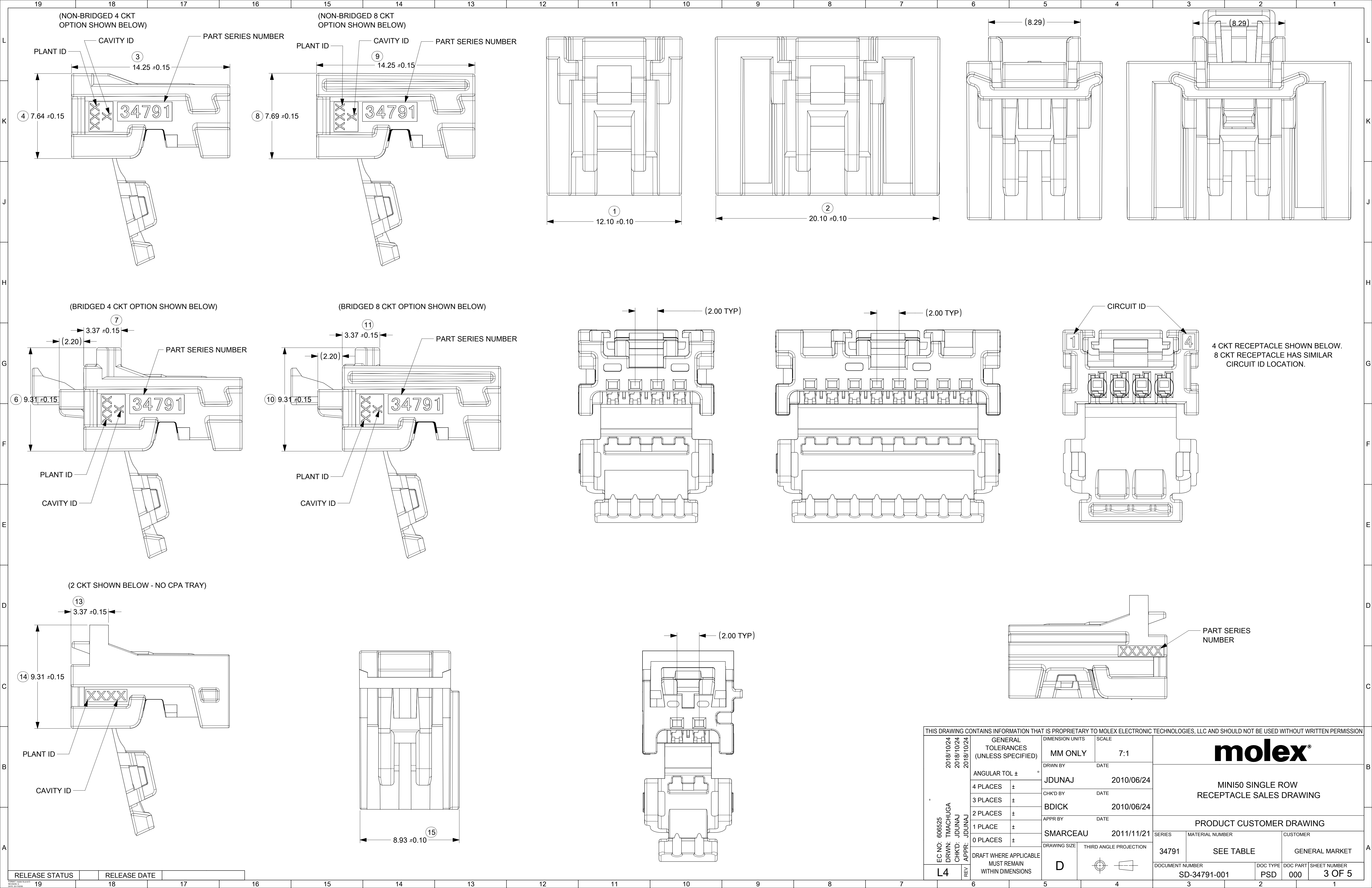
HINGE CLOSED
4 CIRCUIT RECEPTACLE SHOWN
(AS ASSEMBLED)

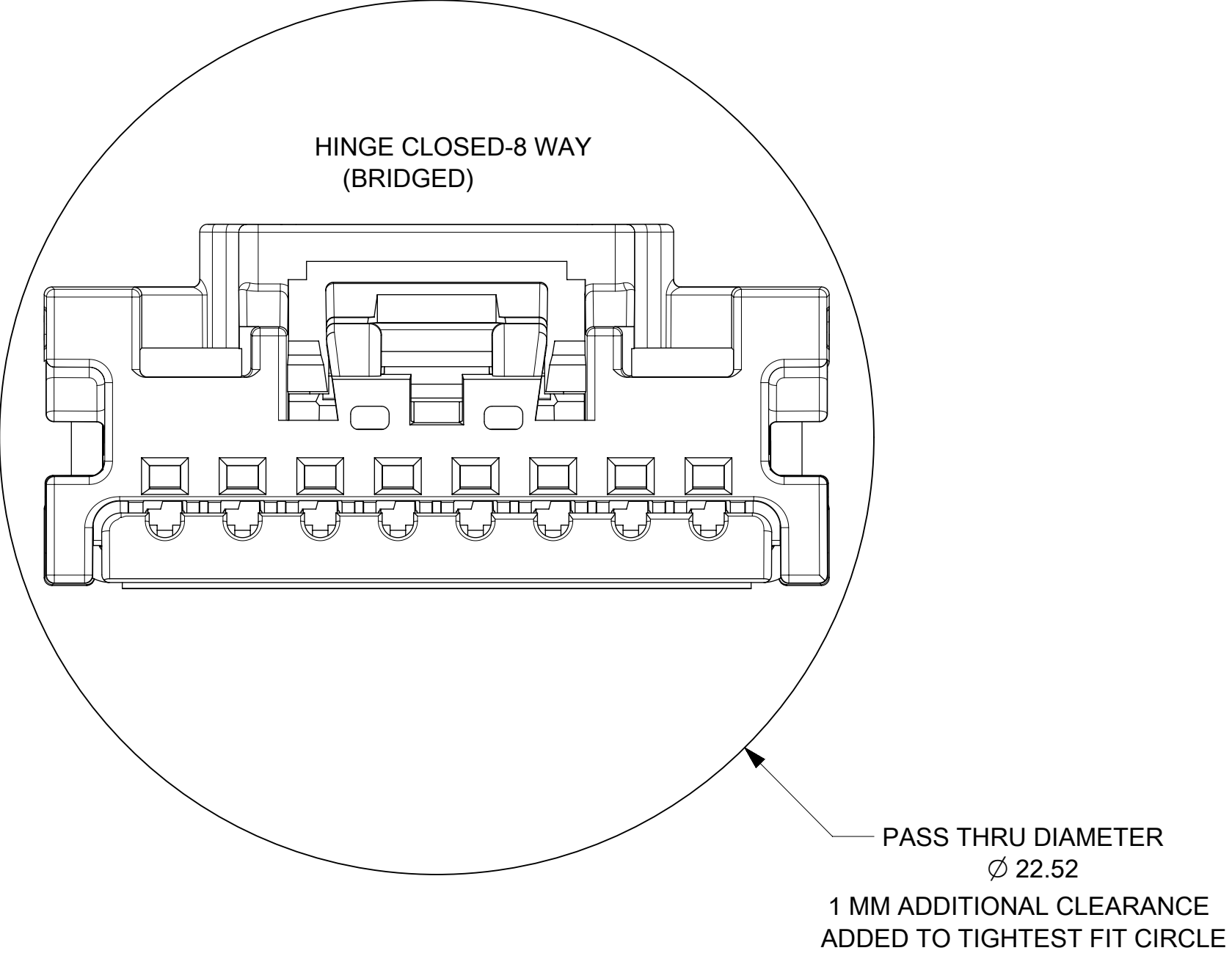
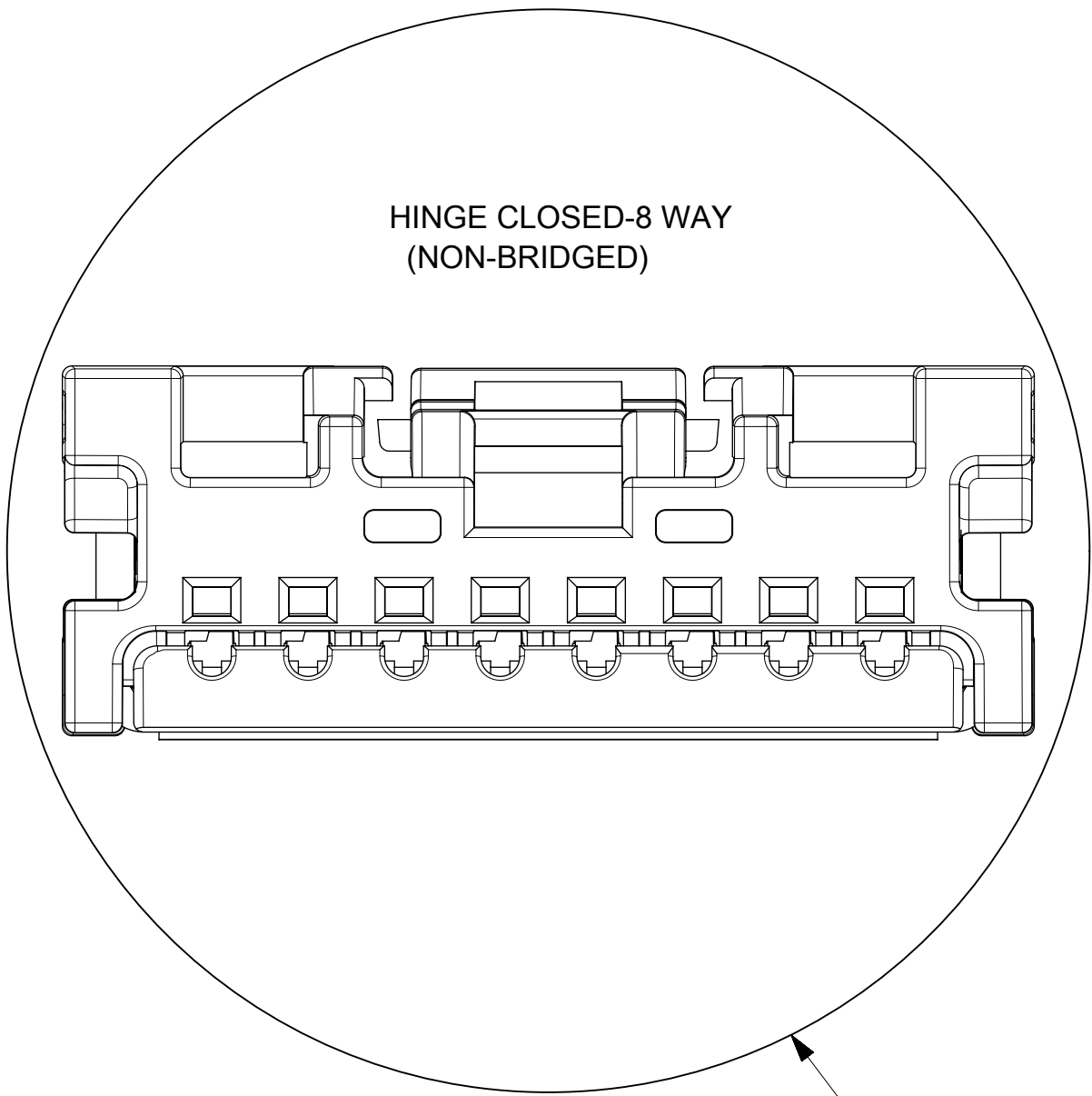
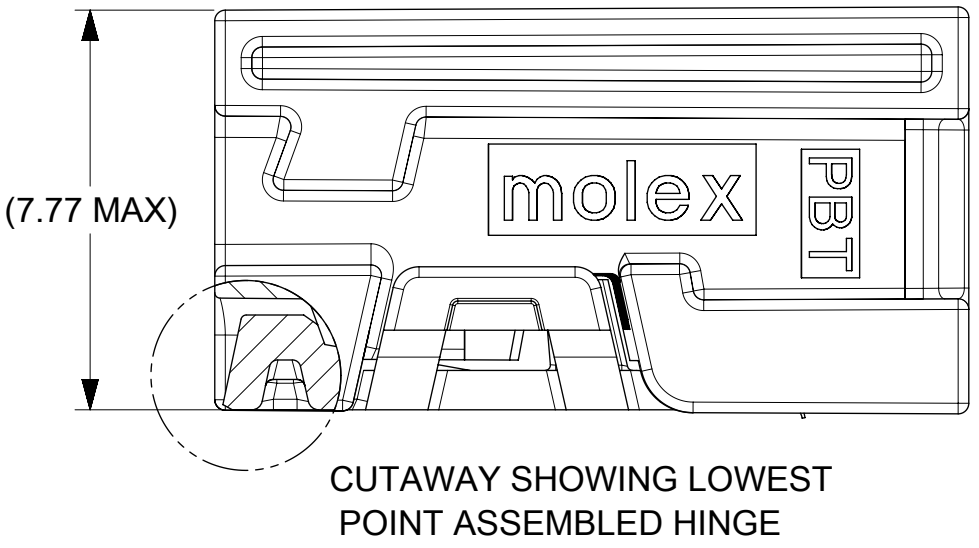
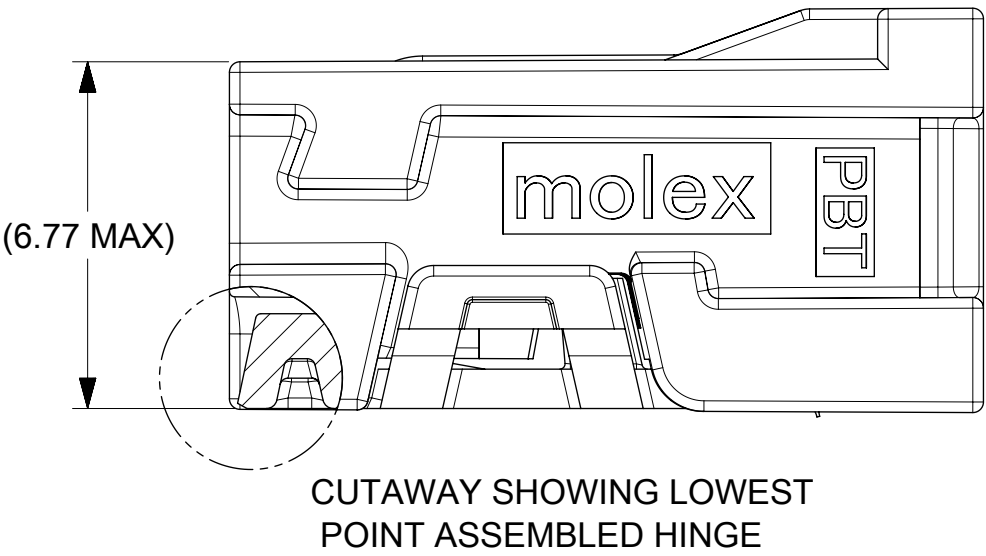
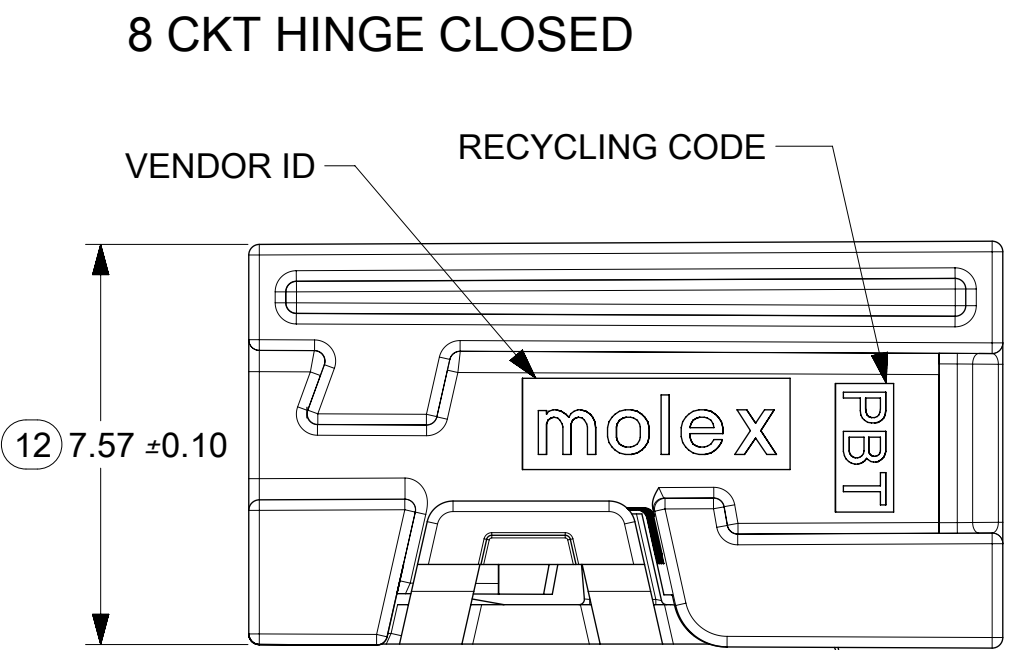
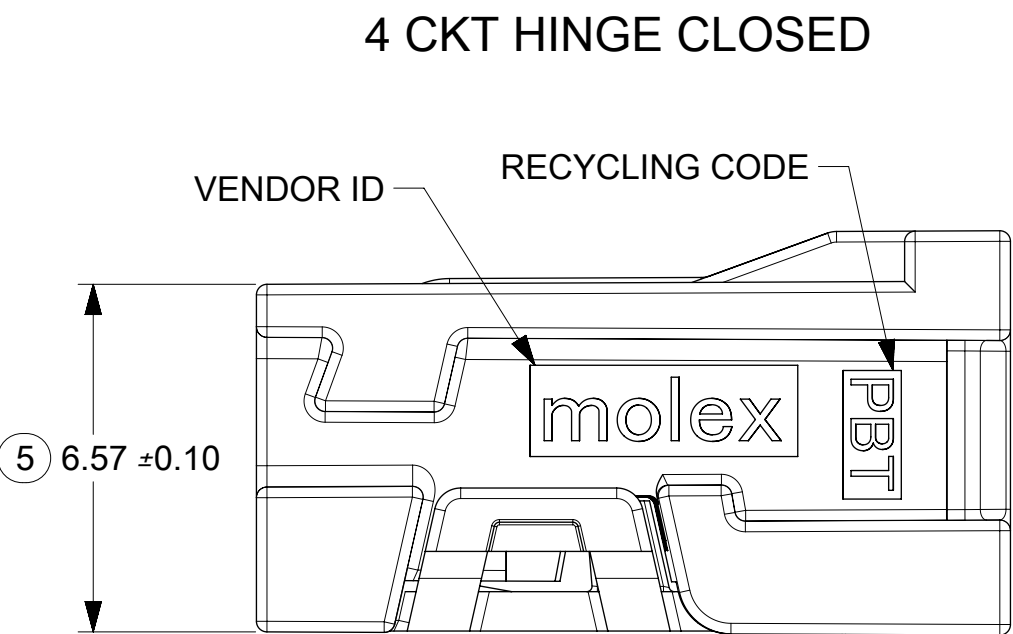
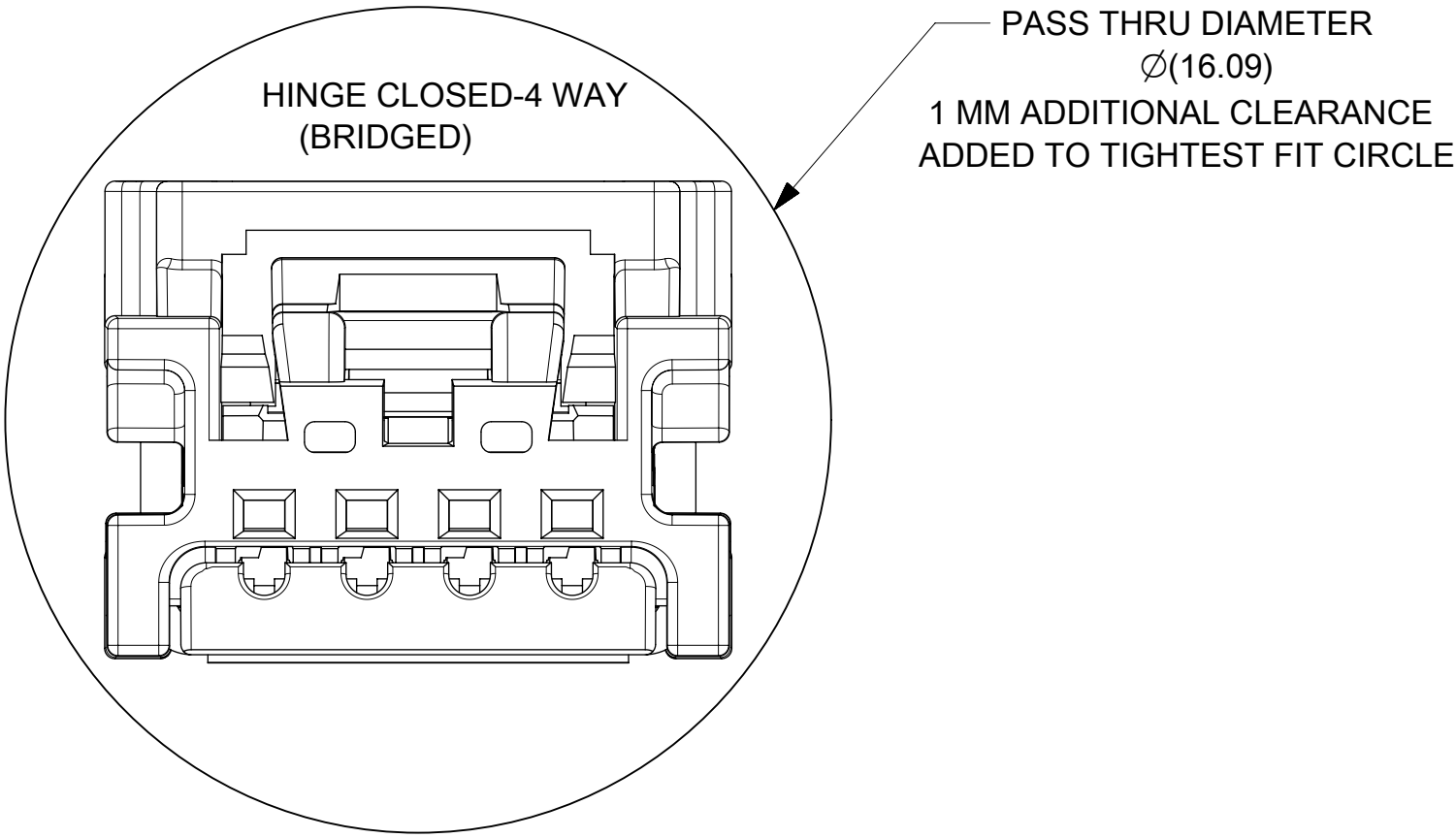
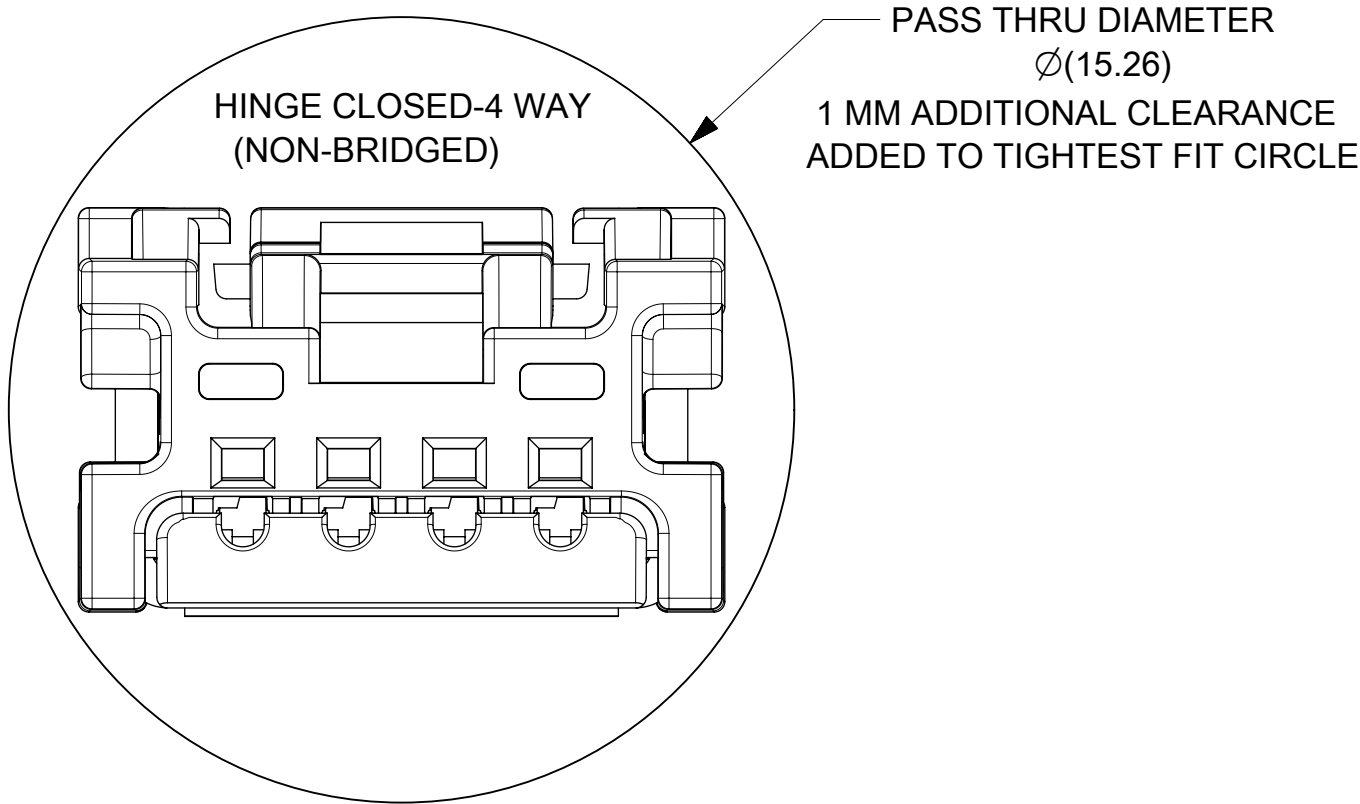
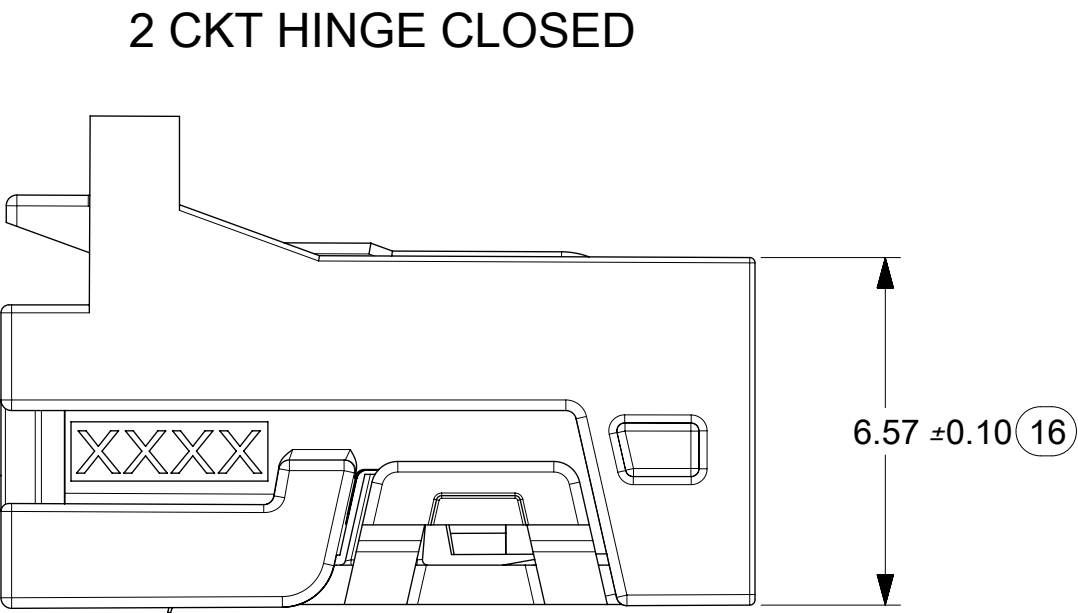
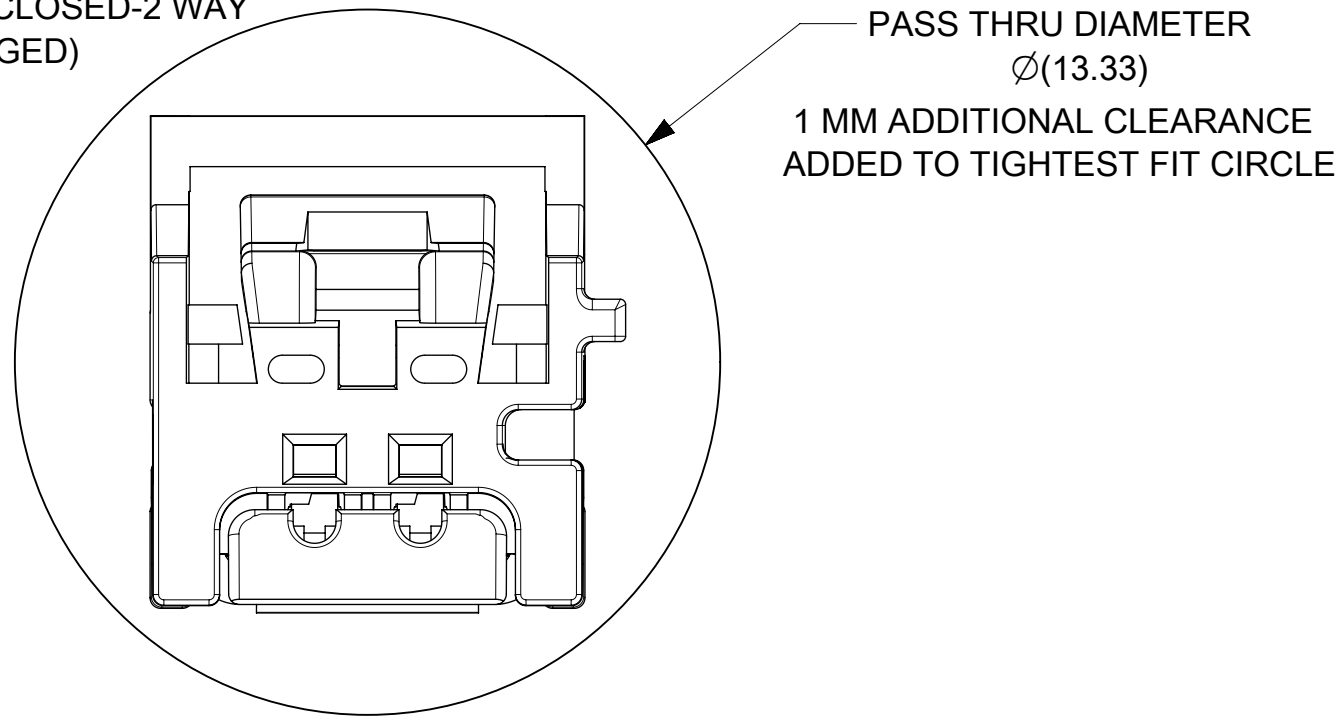


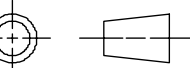
MINI50 WITH BRIDGE OPTION
COMES WITH CPA TRAY

*REFER TO SD-34824-003 FOR
CPA-RECEPTACLE ASSEMBLIES

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
EC NO: 606525 DRWN: TMACHUGA CHKD: JDUNAJ REV/ APPR: JDUNAJ	2018/10/24 2018/10/24 2018/10/24	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® MINI50 SINGLE ROW RECEPTACLE SALES DRAWING PRODUCT CUSTOMER DRAWING									
				MM ONLY		5:1											
		ANGULAR TOL ± °		DRWN BY		DATE											
		4 PLACES ±		JDUNAJ		2010/06/24											
		3 PLACES ±		CHK'D BY		DATE											
		2 PLACES ±		BDICK		2010/06/24											
		1 PLACE ±		APPR BY		DATE											
		0 PLACES ±		SMARCEAU		2011/11/21											
				DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER				CUSTOMER			
				D				34791		SEE TABLE				GENERAL MARKET			
L4		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DOCUMENT NUMBER				DOC TYPE		DOC PART		SHEET NUMBER			
						SD-34791-001				PSD		000		2 OF 5			





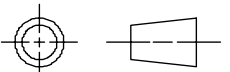
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
EC NO: 606525 DRWN: TMACHUGA CHKD: JDUNAJ REV/ APPR: JDUNAJ	2018/10/24 2018/10/24 2018/10/24	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex®								
				MM ONLY		7:1										
		ANGULAR TOL ± °		DRWN BY		DATE		MINI50 SINGLE ROW RECEPTACLE SALES DRAWING								
		4 PLACES ±		JDUNAJ		2010/06/24										
		3 PLACES ±		CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING								
		2 PLACES ±		BDICK		2010/06/24										
		1 PLACE ±		APPR BY		DATE		SERIES MATERIAL NUMBER CUSTOMER								
		0 PLACES ±		SMARCEAU		2011/11/21										
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION								34791		SEE TABLE
		L4		REV			D				DOCUMENT NUMBER		DOC TYPE		DOC PART	
									SD-34791-001		PSD		000		4 OF 5	

MINI50 RECEPTACLES

MATERIAL NUMBER BULK PACKAGING PK-31301-538	LOCK BRIDGE OPTION	CONFIGURATION	CIRCUIT	POL	COLOR	MATING COMPONENT							
						SURFACE MOUNT TECHNOLOGY (SMT) HEADER-TIN		SURFACE MOUNT TECHNOLOGY (SMT) HEADER-GOLD		VERTICAL THRU HOLE HEADER		RIGHT ANGLE THRU HOLE HEADERS	
						TAPE AND REEL PACKAGING PK-31301-786	TUBE PACKAGING PK-31301-688	TAPE AND REEL PACKAGING PK-31301-786	TUBE PACKAGING PK-31301-688	TRAY PACKAGING PK-31301-440	TUBE PACKAGING PK-31301-688	TRAY PACKAGING PK-31301-440	TUBE PACKAGING PK-31301-688
34791-0040	NO	USCAR COMPATIBLE	4	A	BLACK	34912-8040	34912-9040	34912-6040	34912-5040	34792-0040	34792-9040	34792-0040	34792-9040
34791-0041	NO	USCAR COMPATIBLE	4	B	GRAY	34912-8041	34912-9041	34912-6041	34912-5041	34792-0041	34792-9041	34792-0041	34792-9041
34791-0042	NO	USCAR COMPATIBLE	4	C	DARK GRAY	34912-8042	34912-9042	34912-6042	34912-5042	34792-0042	34792-9042	34792-0042	34792-9042
34791-0043	NO	USCAR COMPATIBLE	4	D	GREEN	34912-8043	34912-9043	34912-6043	34912-5043	34792-0043	34792-9043	34792-0043	34792-9043
34791-0080	NO	USCAR COMPATIBLE	8	A	BLACK	34912-8080	34912-9080	34912-6080	34912-5080	34792-0080	34792-9080	34792-0080	34792-9080
34791-0081	NO	USCAR COMPATIBLE	8	B	GRAY	34912-8081	34912-9081	34912-6081	34912-5081	34792-0081	34792-9081	34792-0081	34792-9081
34791-0082	NO	USCAR COMPATIBLE	8	C	DARK GRAY	34912-8082	34912-9082	34912-6082	34912-5082	34792-0082	34792-9082	34792-0082	34792-9082
34791-0140	YES	USCAR COMPATIBLE	4	A	BLACK	34912-8040	34912-9040	34912-6040	34912-5040	34792-0040	34792-9040	34792-0040	34792-9040
34791-0141	YES	USCAR COMPATIBLE	4	B	GRAY	34912-8041	34912-9041	34912-6041	34912-5041	34792-0041	34792-9041	34792-0041	34792-9041
34791-0142	YES	USCAR COMPATIBLE	4	C	DARK GRAY	34912-8042	34912-9042	34912-6042	34912-5042	34792-0042	34792-9042	34792-0042	34792-9042
34791-0143	YES	USCAR COMPATIBLE	4	D	GREEN	34912-8043	34912-9043	34912-6043	34912-5043	34792-0043	34792-9043	34792-0043	34792-9043
34791-0180	YES	USCAR COMPATIBLE	8	A	BLACK	34912-8080	34912-9080	34912-6080	34912-5080	34792-0080	34792-9080	34792-0080	34792-9080
34791-0181	YES	USCAR COMPATIBLE	8	B	GRAY	34912-8081	34912-9081	34912-6081	34912-5081	34792-0081	34792-9081	34792-0081	34792-9081
34791-0182	YES	USCAR COMPATIBLE	8	C	DARK GRAY	34912-8082	34912-9082	34912-6082	34912-5082	34792-0082	34792-9082	34792-0082	34792-9082
34791-0020	YES	MOLEX	2	A	BLACK	34912-8020	34912-9020	34912-6020	34912-5020	N/A	N/A	N/A	N/A
34791-0021	YES	MOLEX	2	B	GRAY	34912-8021	34912-9021	34912-6021	34912-5021	N/A	N/A	N/A	N/A
34791-0022	YES	MOLEX	2	C	DARK GRAY	34912-8022	34912-9022	34912-6022	34912-5022	N/A	N/A	N/A	N/A
34791-0023	YES	MOLEX	2	D	GREEN	34912-8023	34912-9023	34912-6023	34912-5023	N/A	N/A	N/A	N/A

CTX50 UNSEALED RECEPTACLE TERMINALS

PART NUMBER		MATERIAL	WIRE GAGE (mm²)	GRIP
D-WIND (LEFT PAYOFF)	B-WIND (RIGHT PAYOFF)			
560023-0448	560023-0450	COPPER ALLOY	0.35	LARGE
560023-0421	560023-0423	COPPER ALLOY	0.22	MEDIUM
560023-0422	560023-0424	COPPER ALLOY	0.13	SMALL

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	2018/10/24		MM ONLY		5:1									
	2018/10/24		DRWN BY		DATE									
			ANGULAR TOL ± °	JDUNAJ		2010/06/24		MINI50 SINGLE ROW RECEPTACLE SALES DRAWING						
			4 PLACES ±	CHK'D BY		DATE								
			3 PLACES ±	BDICK		2010/06/24								
			2 PLACES ±	APPR BY		DATE		PRODUCT CUSTOMER DRAWING						
			1 PLACE ±	SMARCEAU		2011/11/21								
			0 PLACES ±	DRAWING SIZE		THIRD ANGLE PROJECTION								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		D				34791		SEE TABLE			GENERAL MARKET
L4	REV	DOCUMENT NUMBER SD-34791-001				DOC TYPE PSD		DOC PART 000		SHEET NUMBER 5 OF 5				