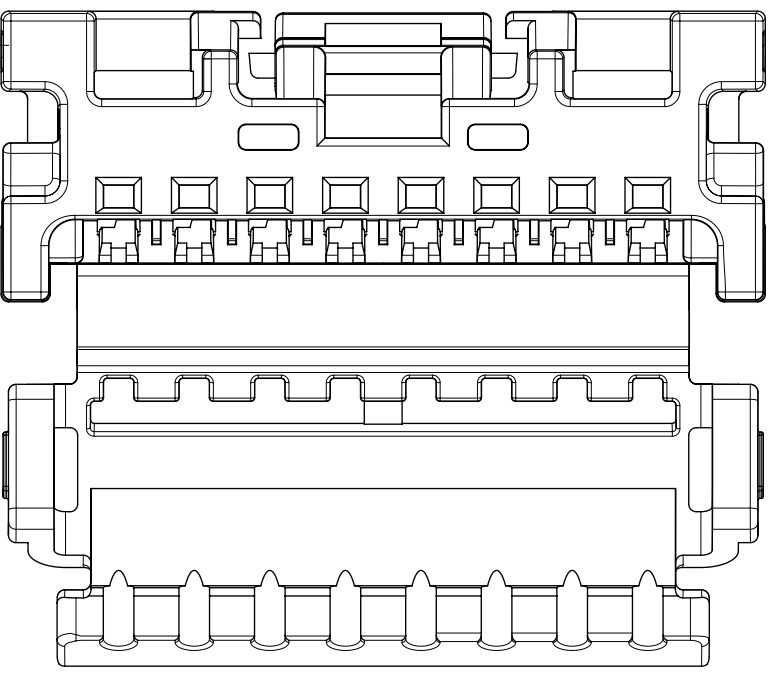
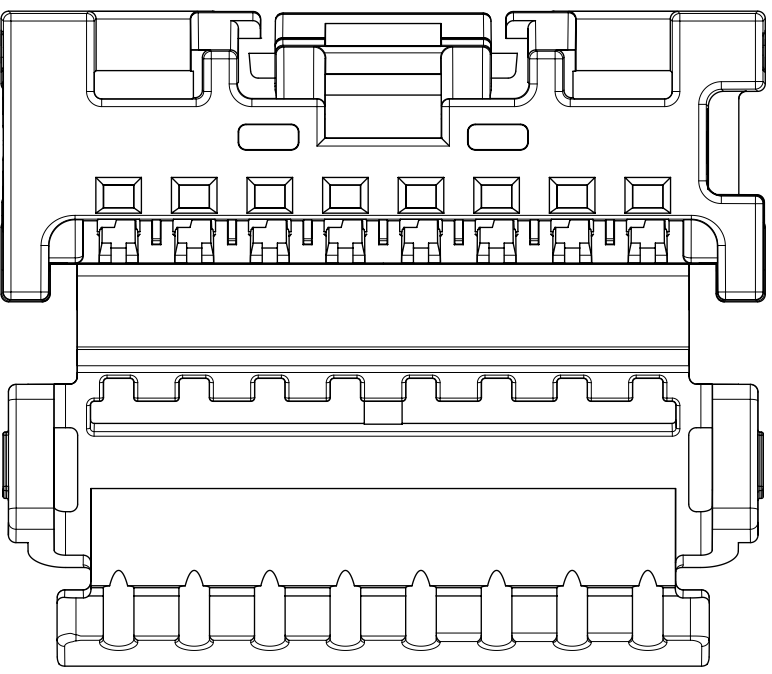


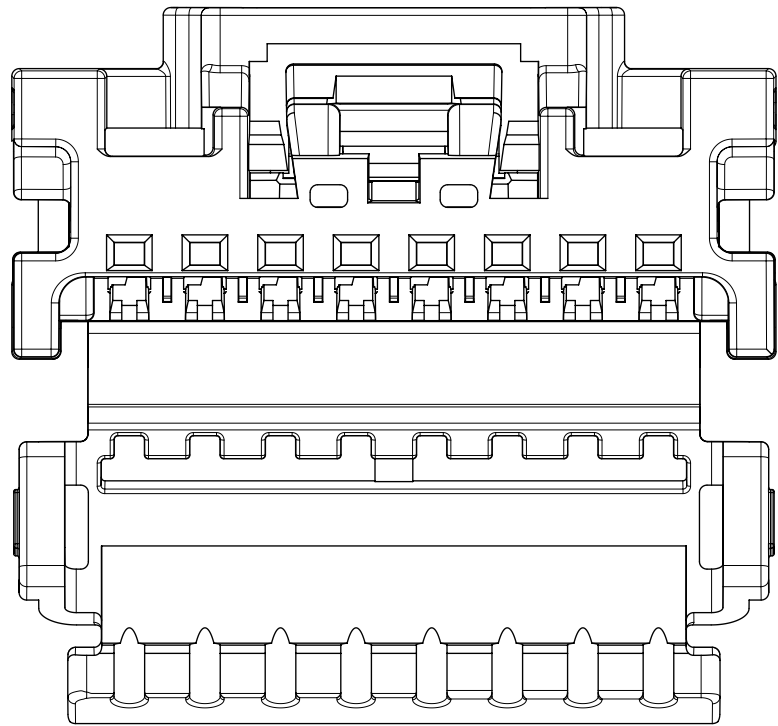
8 CIRCUIT RECEPTACLE WITHOUT LOCK BRIDGE
POLARIZATION OPTION A



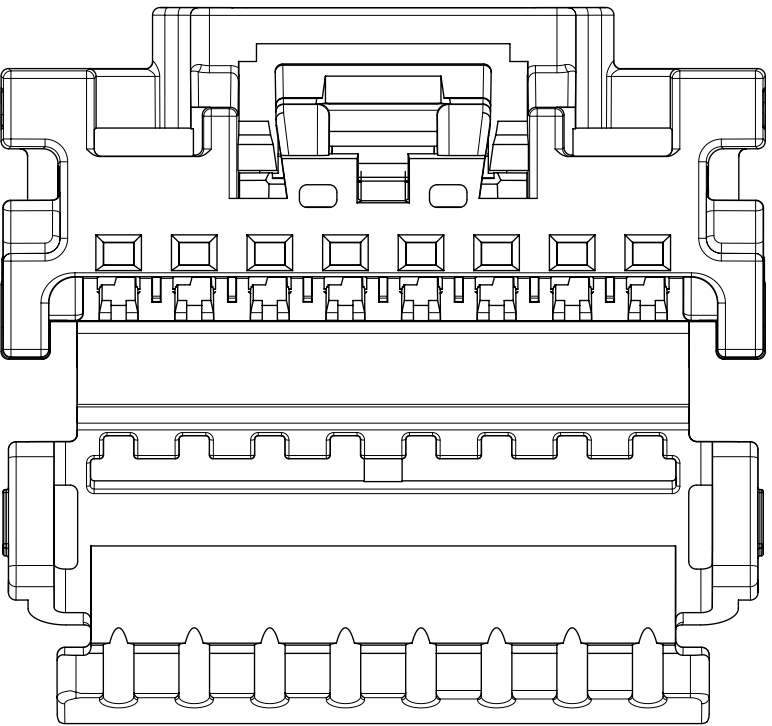
8 CIRCUIT RECEPTACLE WITHOUT LOCK BRIDGE
POLARIZATION OPTION B



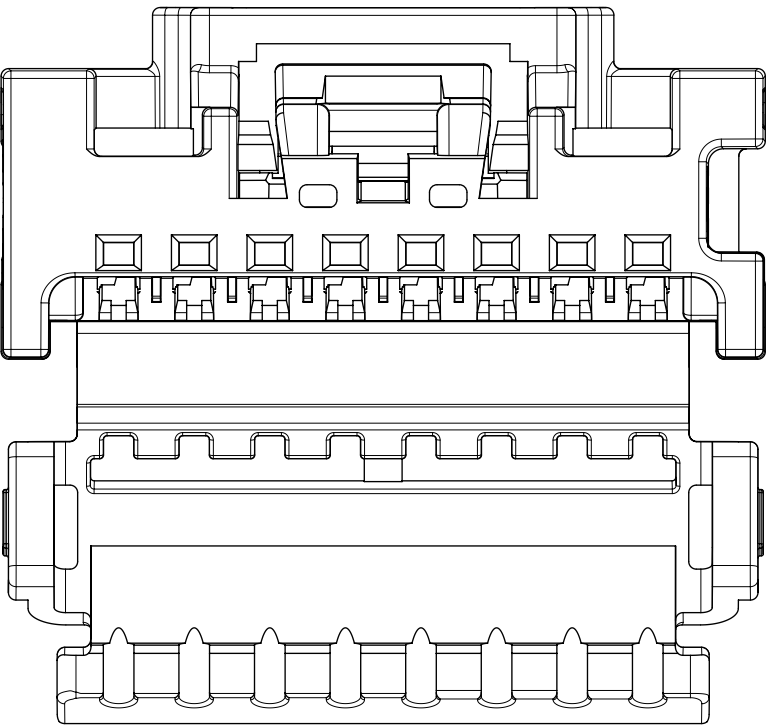
8 CIRCUIT RECEPTACLE WITHOUT LOCK BRIDGE
POLARIZATION OPTION C



8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION A

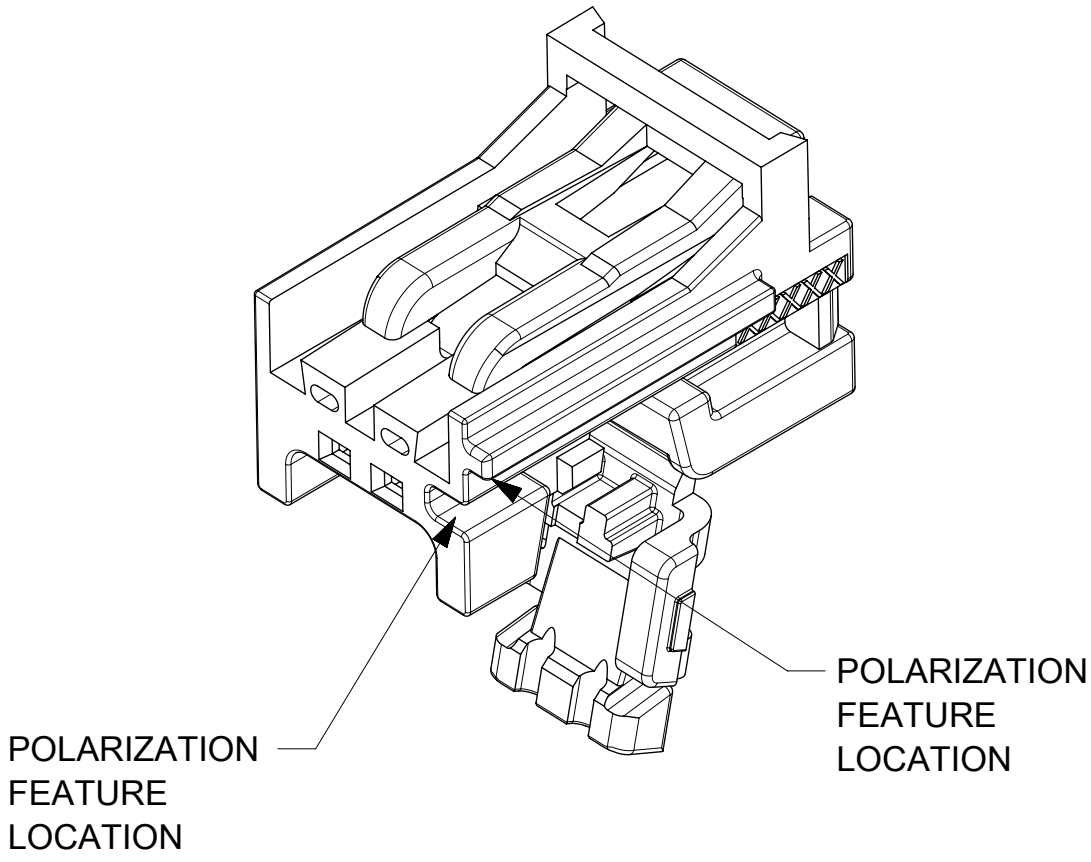


8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION B

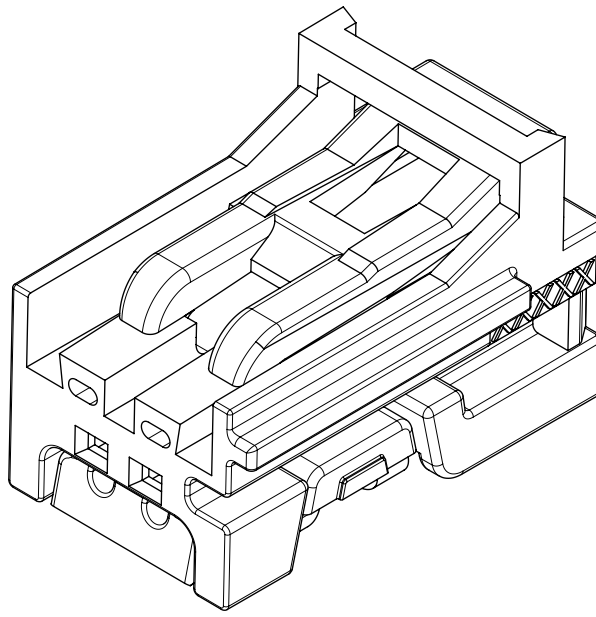


8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION C

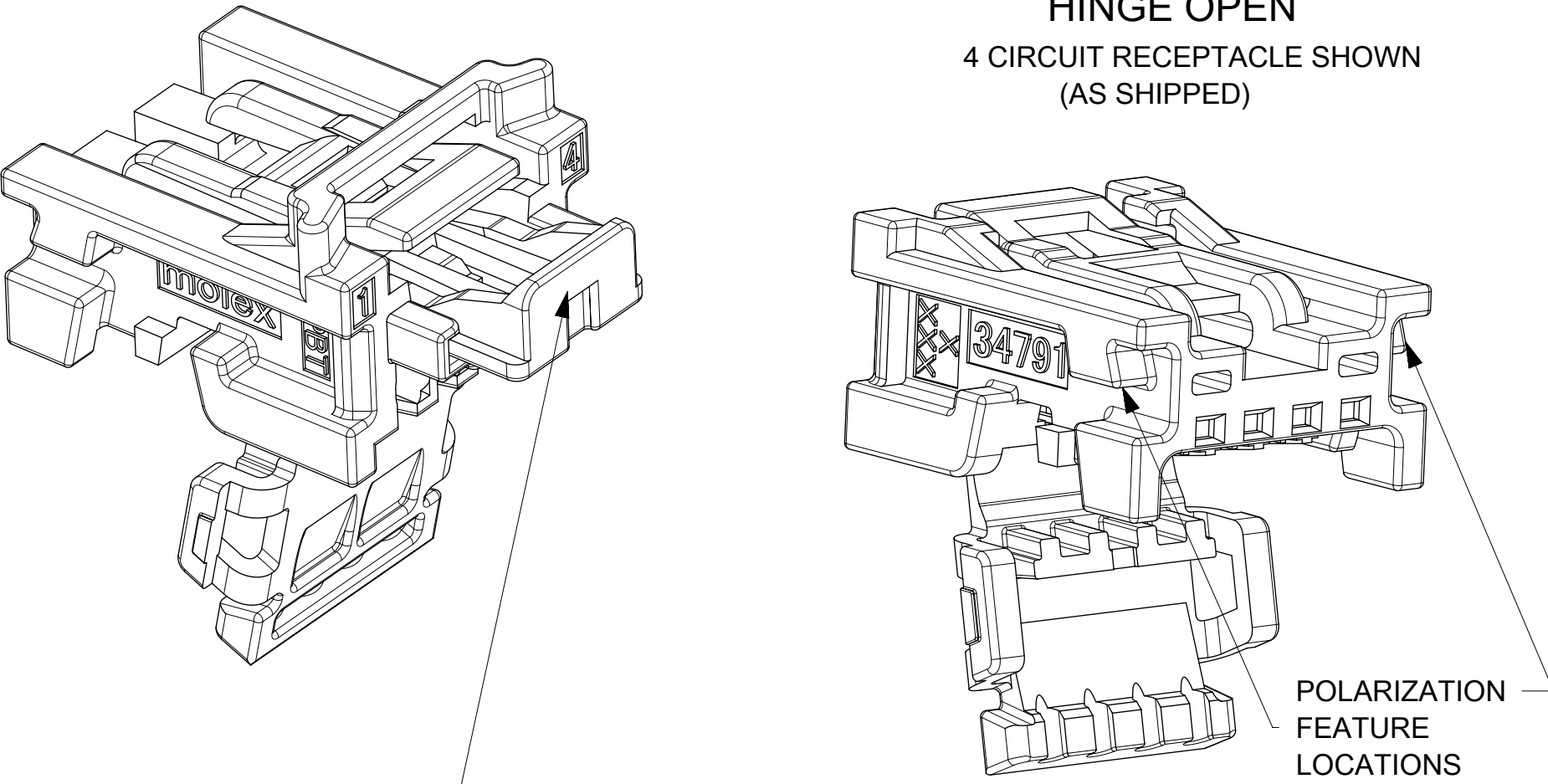
HINGE OPEN
2 CIRCUIT RECEPTACLE SHOWN
(AS SHIPPED)



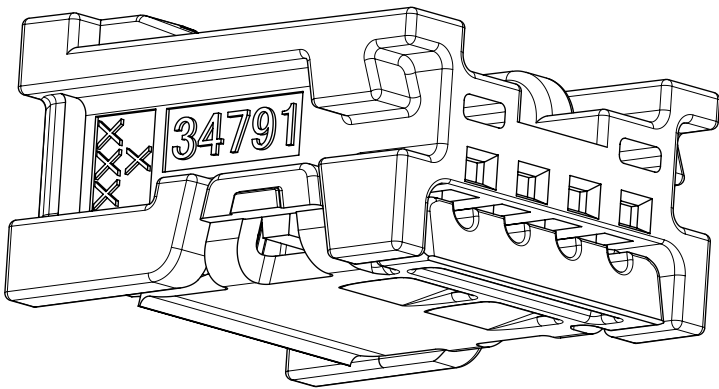
HINGE CLOSED
2 CIRCUIT RECEPTACLE SHOWN
(AS ASSEMBLED)



HINGE OPEN
4 CIRCUIT RECEPTACLE SHOWN
(AS SHIPPED)

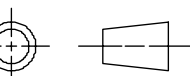


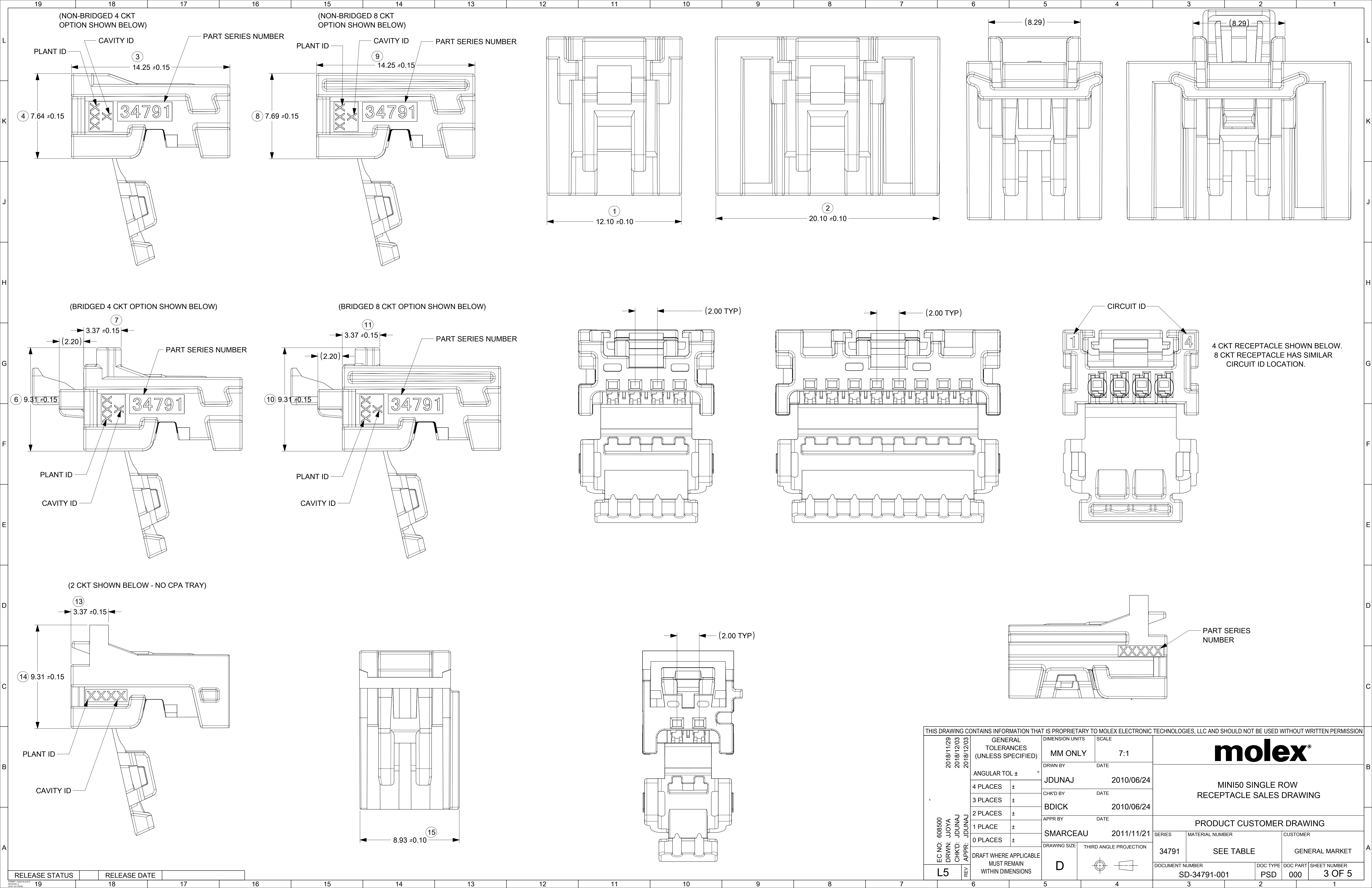
HINGE CLOSED
4 CIRCUIT RECEPTACLE SHOWN
(AS ASSEMBLED)



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: 608500 DRWN: JJOYA CHKD: JDUNAJ REV APPR: JDUNAJ	2018/11/29 2018/12/03 2018/12/03	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE		<div>molex®</div>										
			MM ONLY		5:1												
			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										
			0 PLACES ±		SMARCEAU		2011/11/21		PRODUCT CUSTOMER DRAWING								
			DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES										MATERIAL NUMBER
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		D				34791		SEE TABLE			GENERAL MARKET			
L5		REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DOCUMENT NUMBER				DOC TYPE		DOC PART		SHEET NUMBER	
								SD-34791-001				PSD		000		2 OF 5	

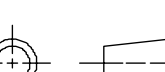


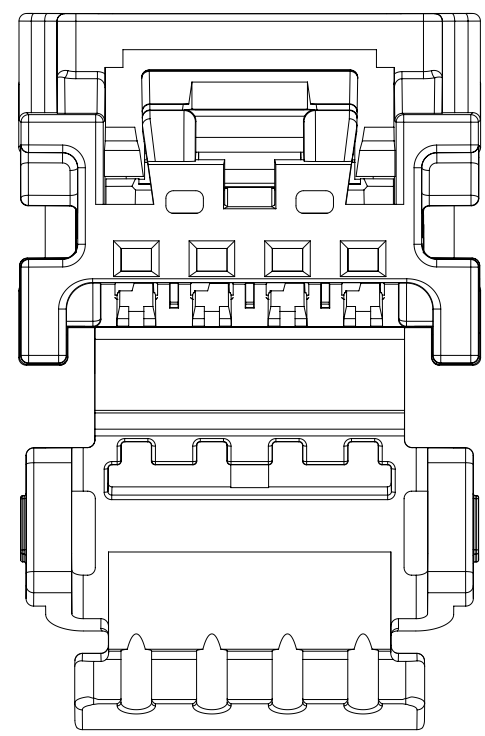
MINI50 RECEPTACLES

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	34793-0040	34793-9040
34791-0041	NO	USCAR COMPATIBLE	4	B	GRAY	34912-8041	34912-9041	34912-6041	34912-5041	34792-0041	34792-9041	34793-0041	34793-9041
34791-0042	NO	USCAR COMPATIBLE	4	C	DARK GRAY	34912-8042	34912-9042	34912-6042	34912-5042	34792-0042	34792-9042	34793-0042	34793-9042
34791-0043	NO	USCAR COMPATIBLE	4	D	GREEN	34912-8043	34912-9043	34912-6043	34912-5043	34792-0043	34792-9043	34793-0043	34793-9043
34791-0080	NO	USCAR COMPATIBLE	8	A	BLACK	34912-8080	34912-9080	34912-6080	34912-5080	34792-0080	34792-9080	34793-0080	34793-9080
34791-0081	NO	USCAR COMPATIBLE	8	B	GRAY	34912-8081	34912-9081	34912-6081	34912-5081	34792-0081	34792-9081	34793-0081	34793-9081
34791-0082	NO	USCAR COMPATIBLE	8	C	DARK GRAY	34912-8082	34912-9082	34912-6082	34912-5082	34792-0082	34792-9082	34793-0082	34793-9082
34791-0140	YES	USCAR COMPATIBLE	4	A	BLACK	34912-8040	34912-9040	34912-6040	34912-5040	34792-0040	34792-9040	34793-0040	34793-9040
34791-0141	YES	USCAR COMPATIBLE	4	B	GRAY	34912-8041	34912-9041	34912-6041	34912-5041	34792-0041	34792-9041	34793-0041	34793-9041
34791-0142	YES	USCAR COMPATIBLE	4	C	DARK GRAY	34912-8042	34912-9042	34912-6042	34912-5042	34792-0042	34792-9042	34793-0042	34793-9042
34791-0143	YES	USCAR COMPATIBLE	4	D	GREEN	34912-8043	34912-9043	34912-6043	34912-5043	34792-0043	34792-9043	34793-0043	34793-9043
34791-0180	YES	USCAR COMPATIBLE	8	A	BLACK	34912-8080	34912-9080	34912-6080	34912-5080	34792-0080	34792-9080	34793-0080	34793-9080
34791-0181	YES	USCAR COMPATIBLE	8	B	GRAY	34912-8081	34912-9081	34912-6081	34912-5081	34792-0081	34792-9081	34793-0081	34793-9081
34791-0182	YES	USCAR COMPATIBLE	8	C	DARK GRAY	34912-8082	34912-9082	34912-6082	34912-5082	34792-0082	34792-9082	34793-0082	34793-9082
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

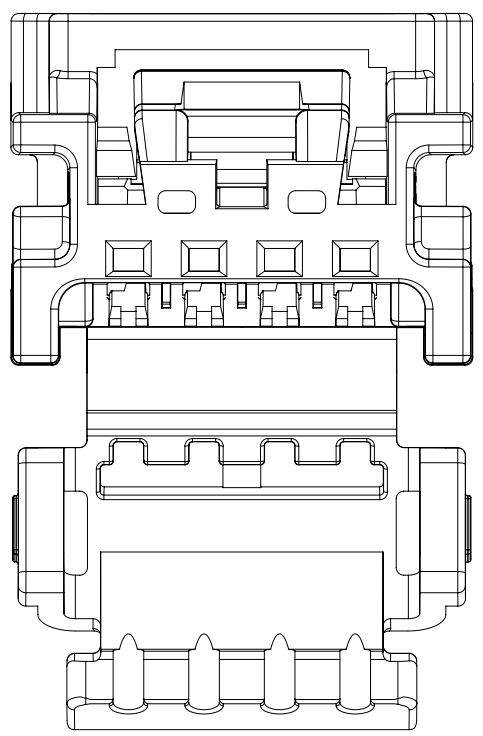
CTX50 UNSEALED RECEPTACLE TERMINALS

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

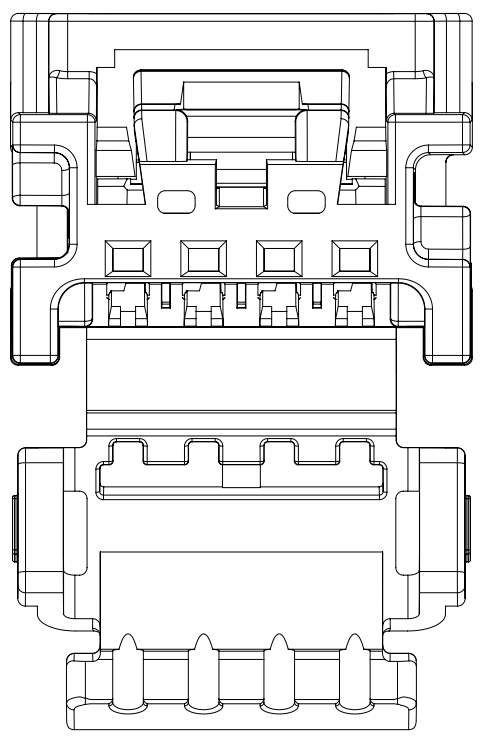
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
EC NO: 608500 DRWN: JJOYA CHKD: JDUNAJ REV APPR: JDUNAJ	2018/11/29 2018/12/03 2018/12/03	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		<div>molex®</div>							
				MM ONLY		5:1									
		ANGULAR TOL ± °		DRWN BY		DATE		MINI50 SINGLE ROW RECEPTACLE SALES DRAWING							
				JDUNAJ		2010/06/24									
		4 PLACES ±		CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING							
		3 PLACES ±		BDICK		2010/06/24									
		2 PLACES ±		APPR BY		DATE		SEE TABLE							
		1 PLACE ±		SMARCEAU		2011/11/21									
		0 PLACES ±		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		D				34791		SEE TABLE		GENERAL MARKET			
L5		REV/		D		DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER			
						SD-34791-001		PSD		000		5 OF 5			



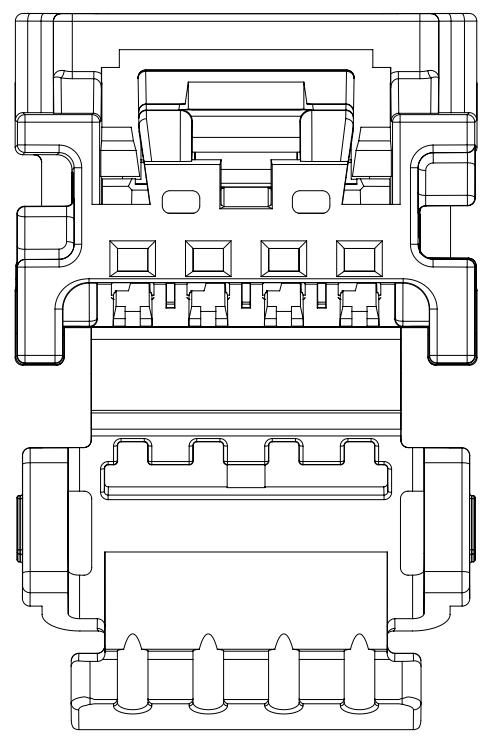
4 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION A



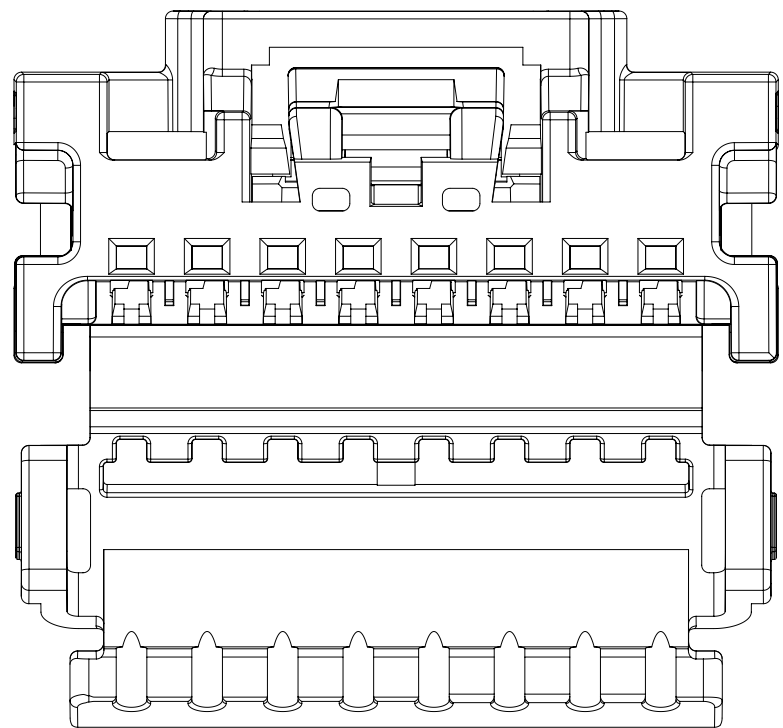
4 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION B



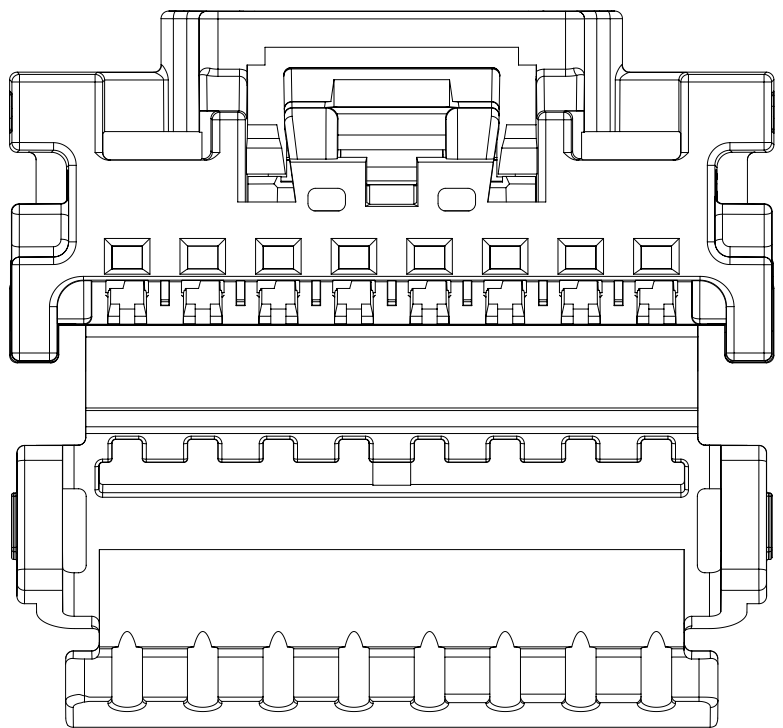
4 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION C



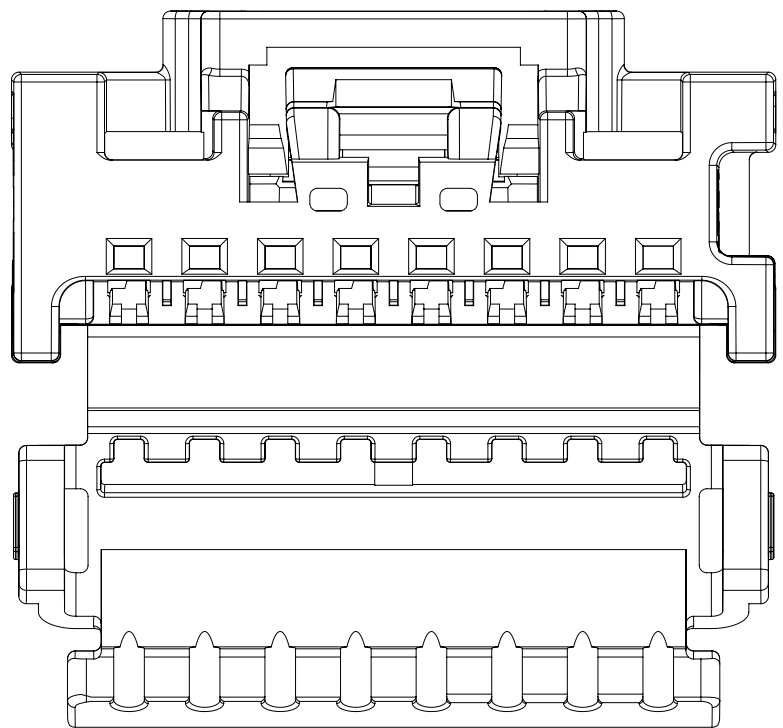
4 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION D



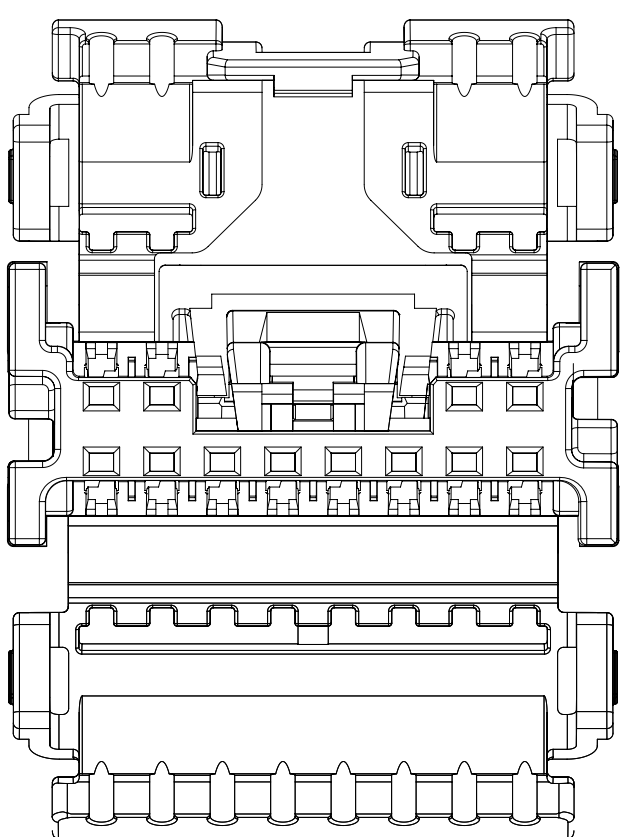
8 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION A



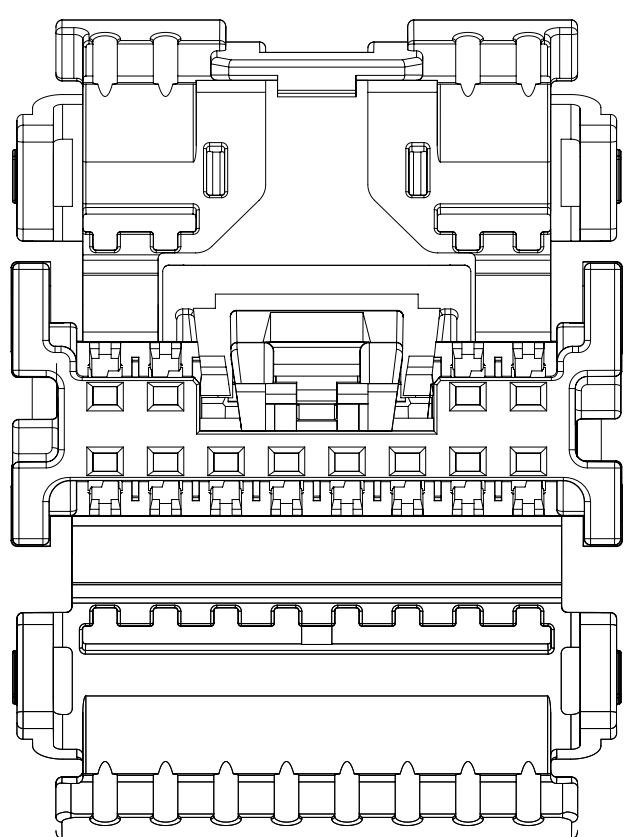
8 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION B



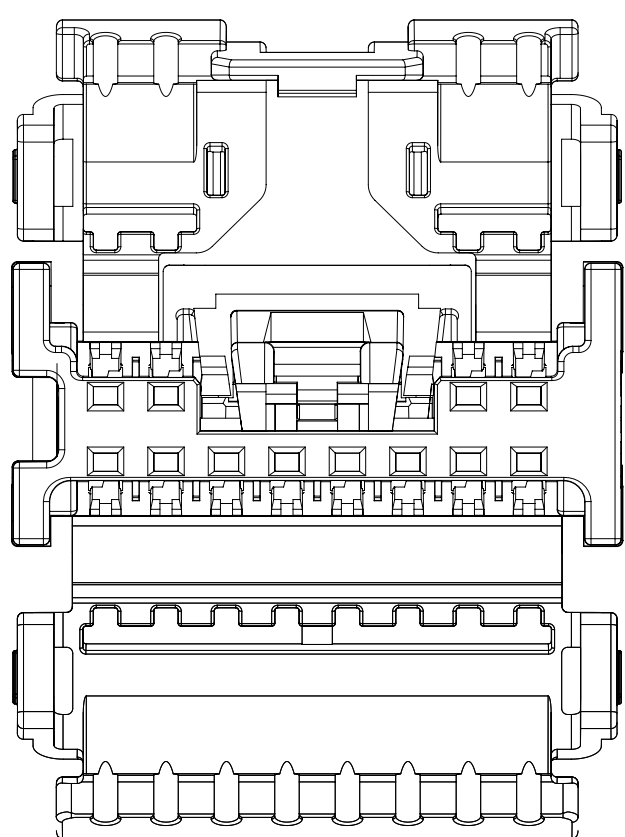
8 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION C



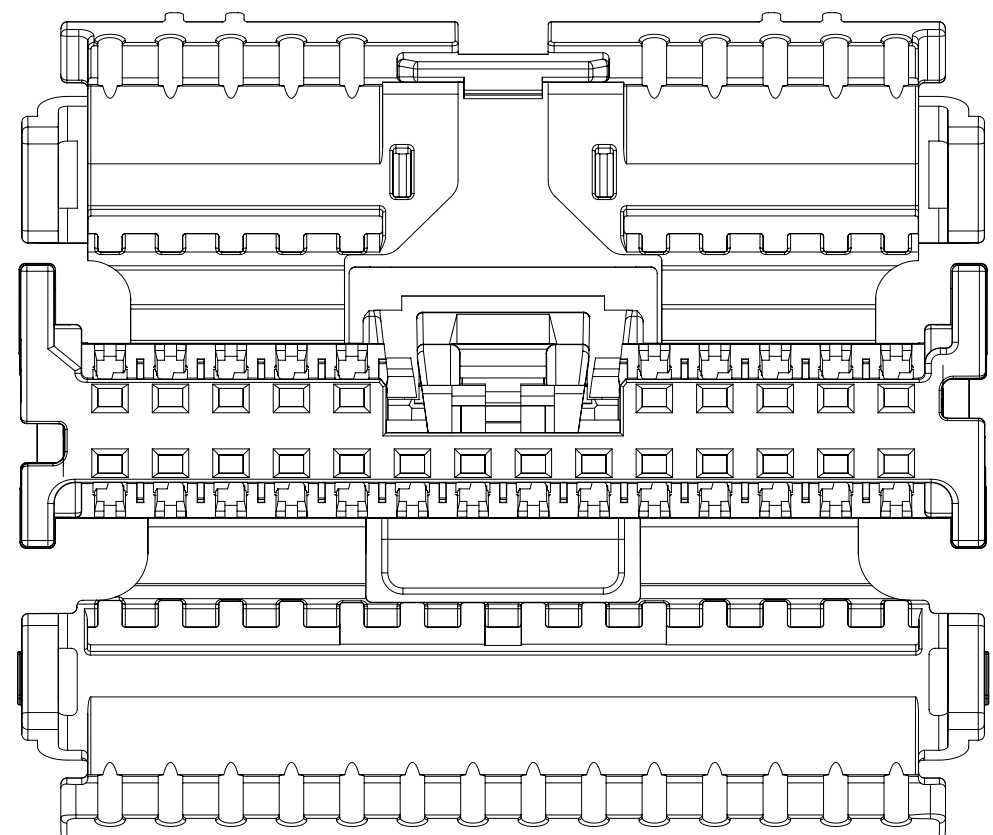
12 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION A



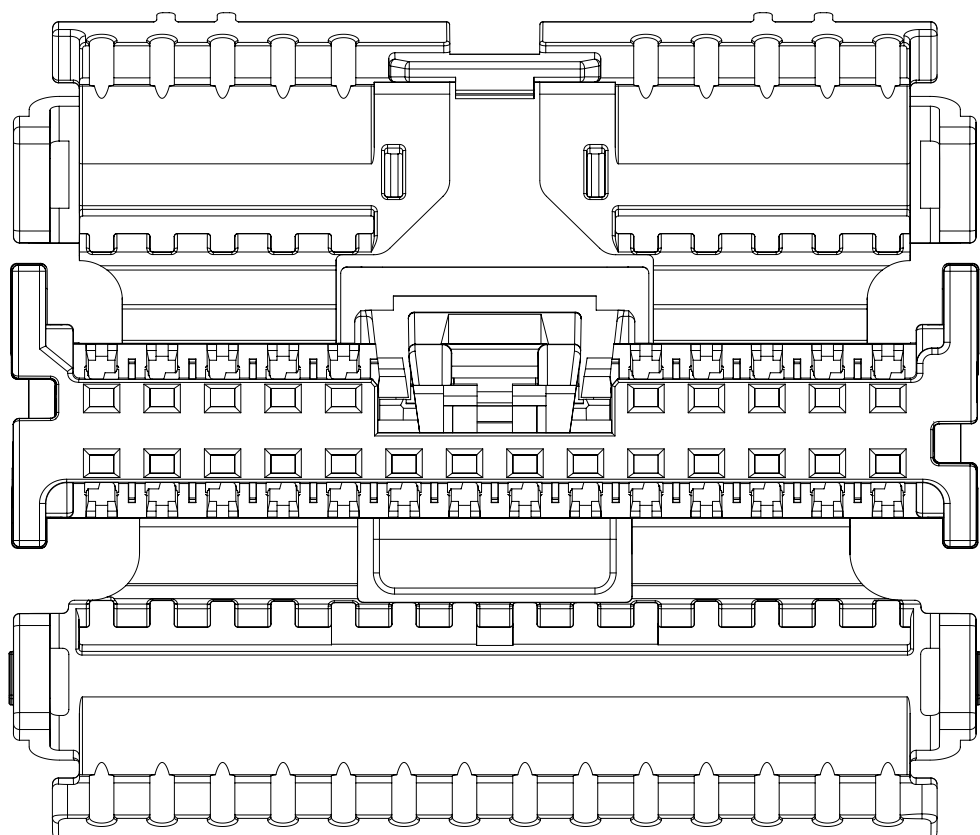
12 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION B



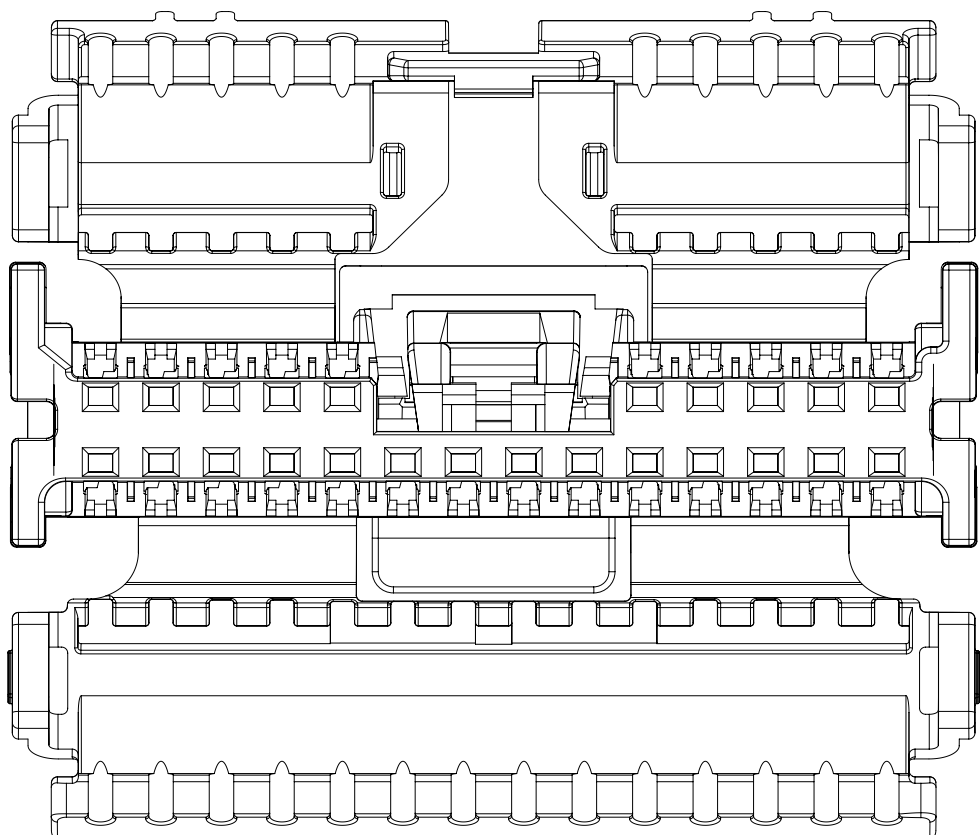
12 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION C



24 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION A



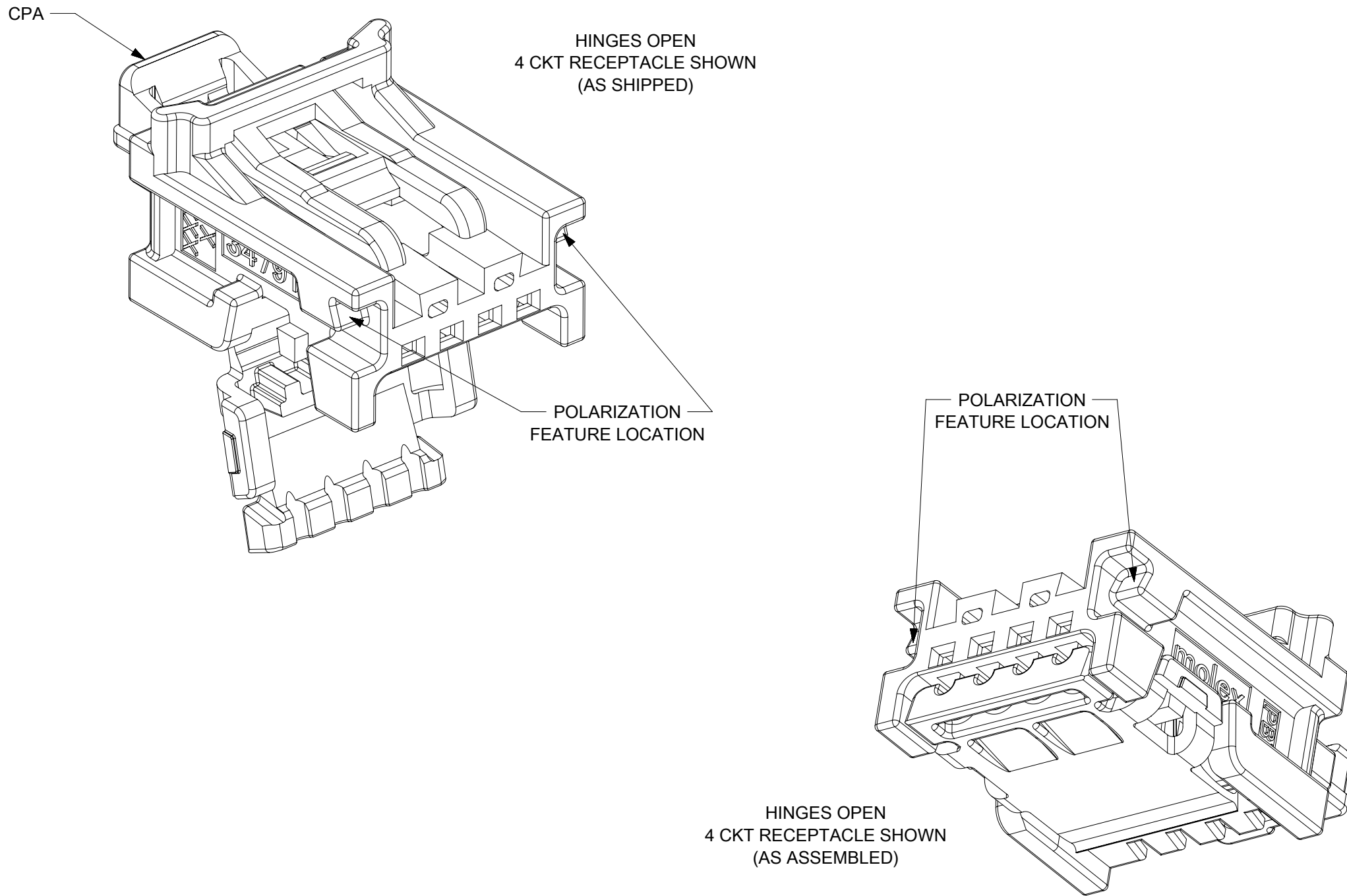
24 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION B



24 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION C

NOTES: VALID UNLESS OTHERWISE SPECIFIED

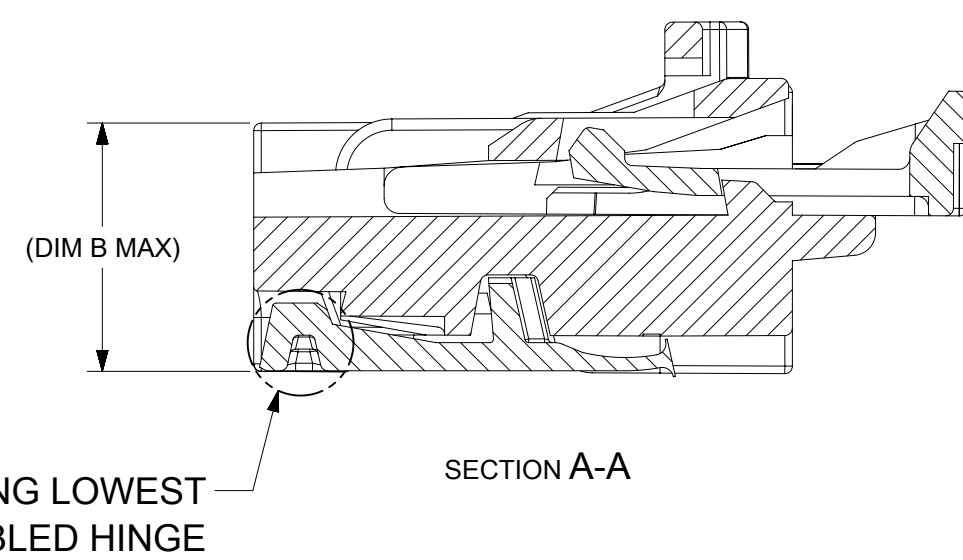
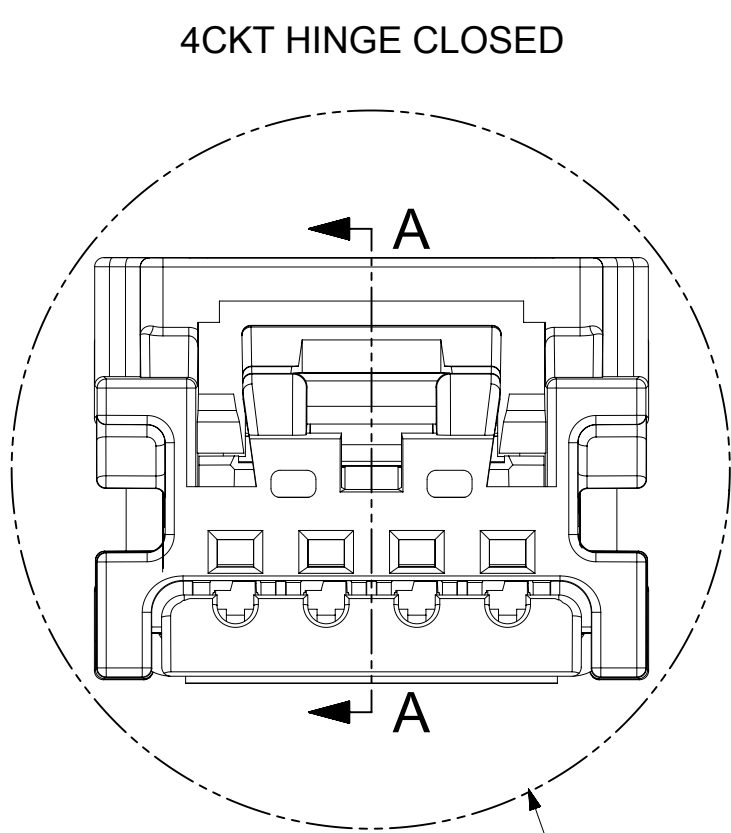
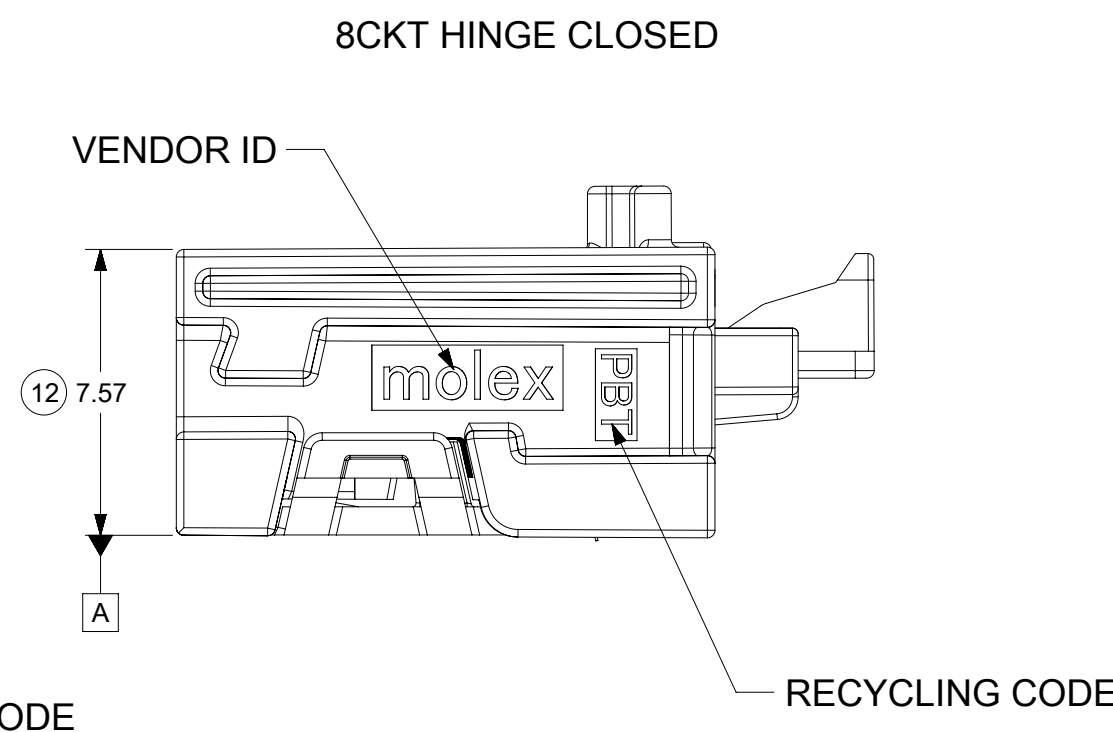
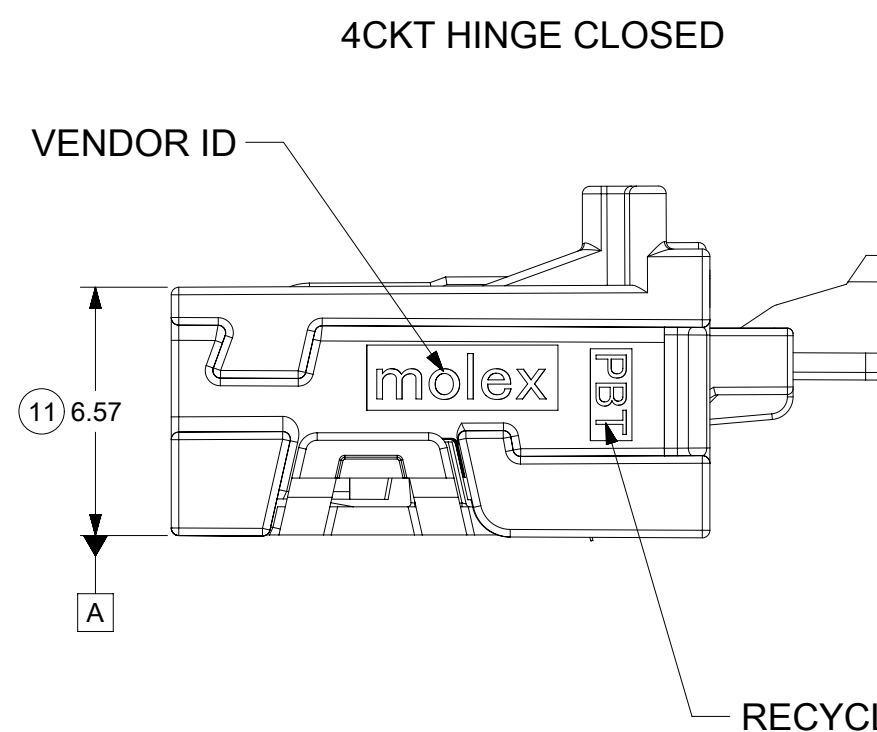
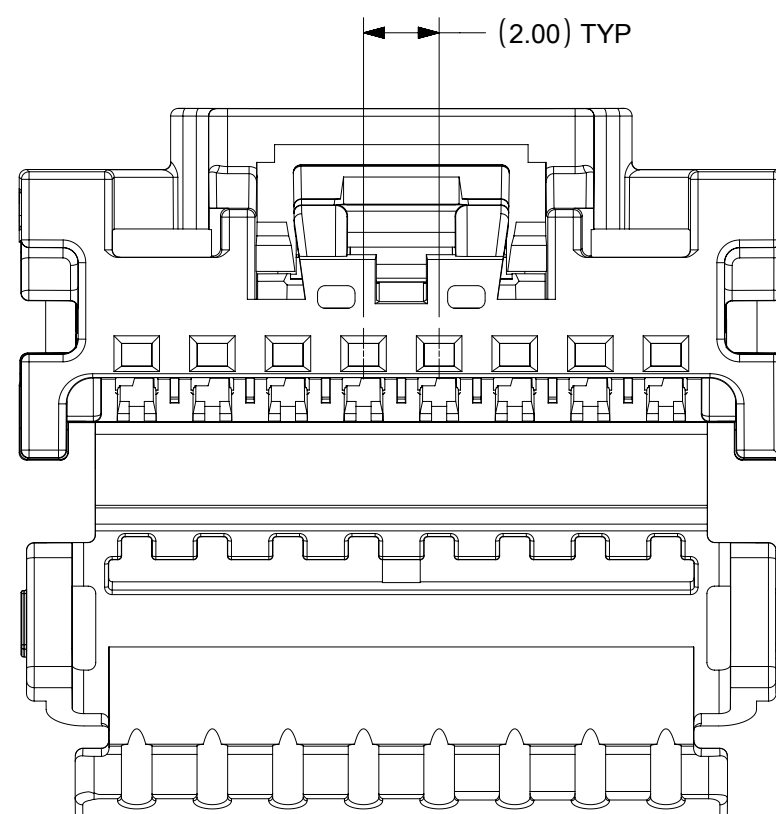
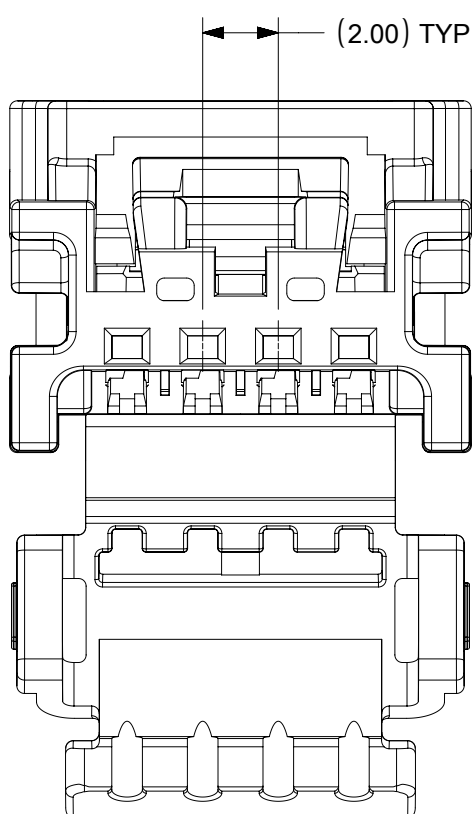
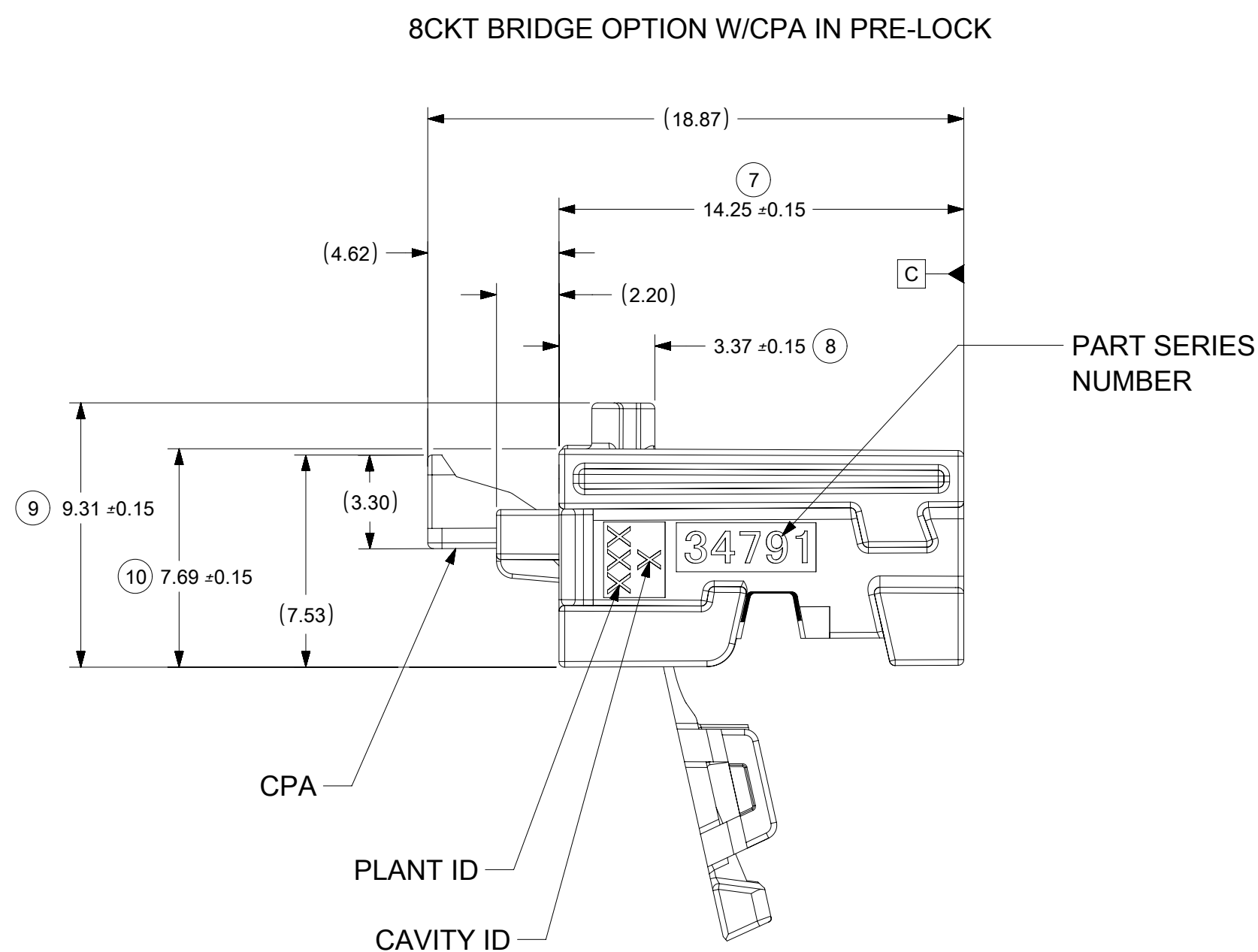
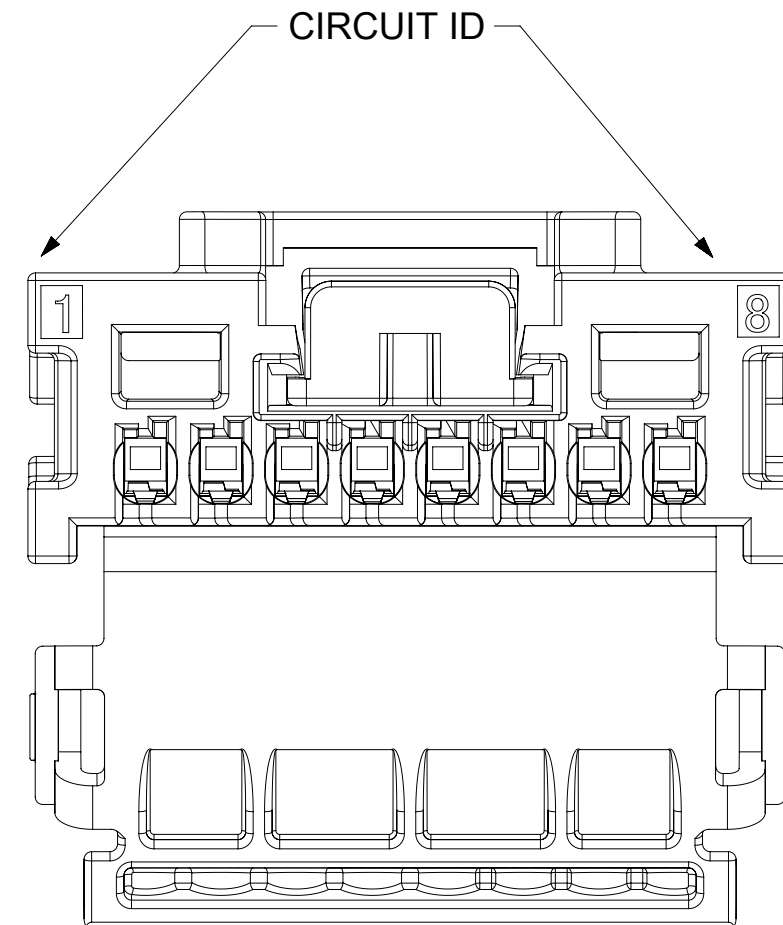
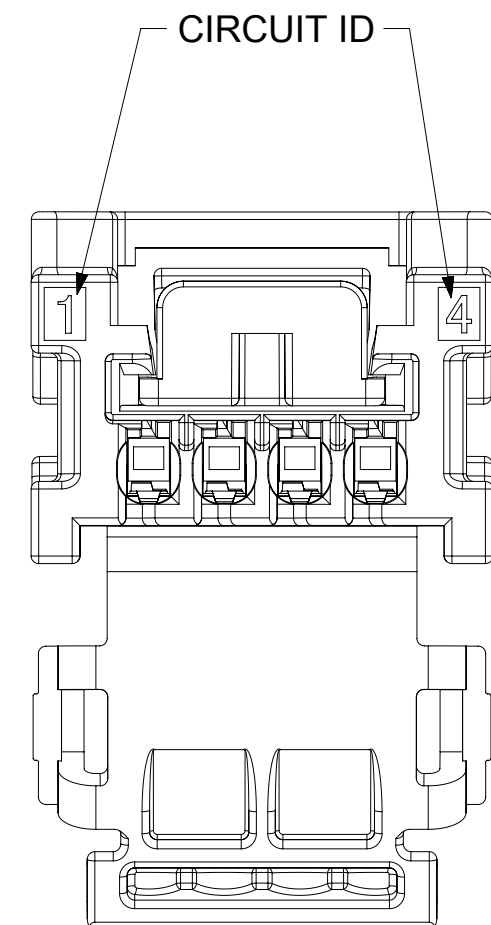
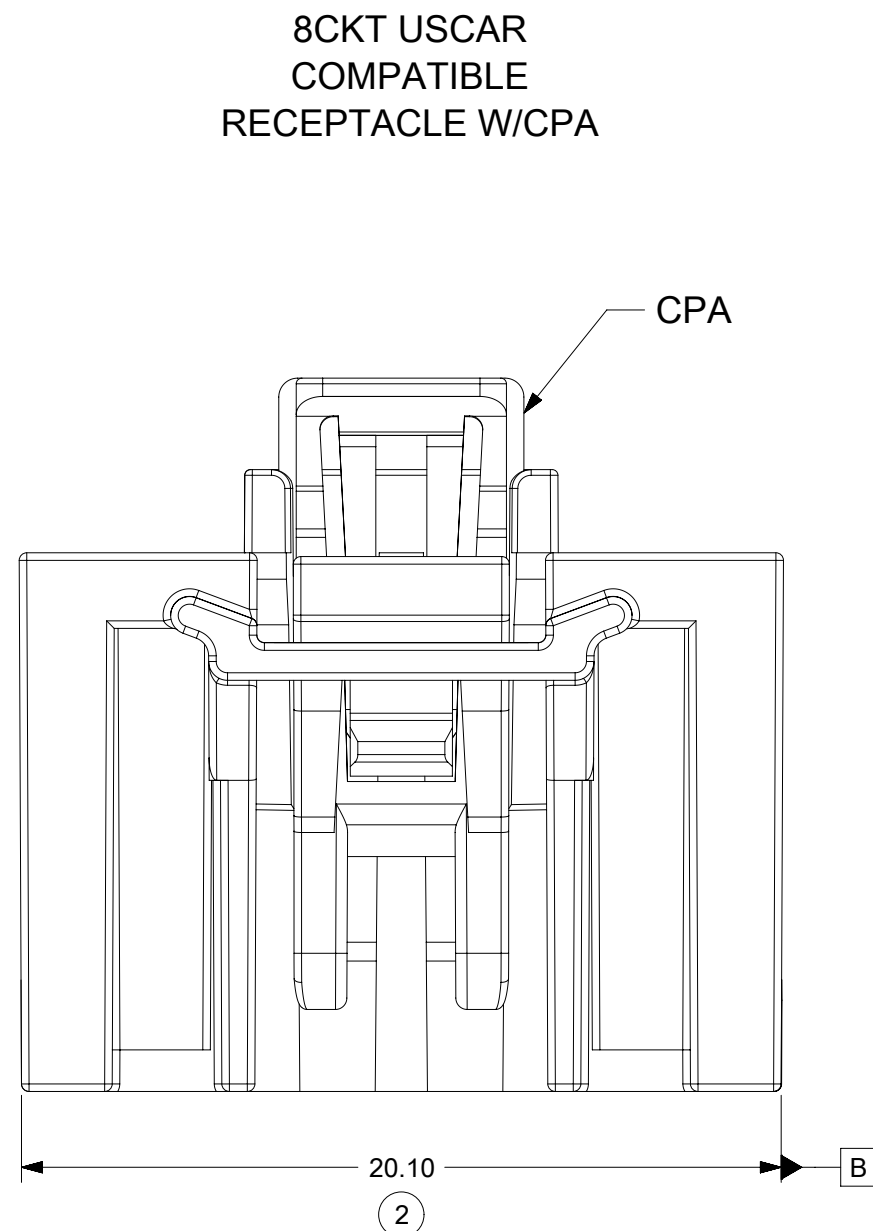
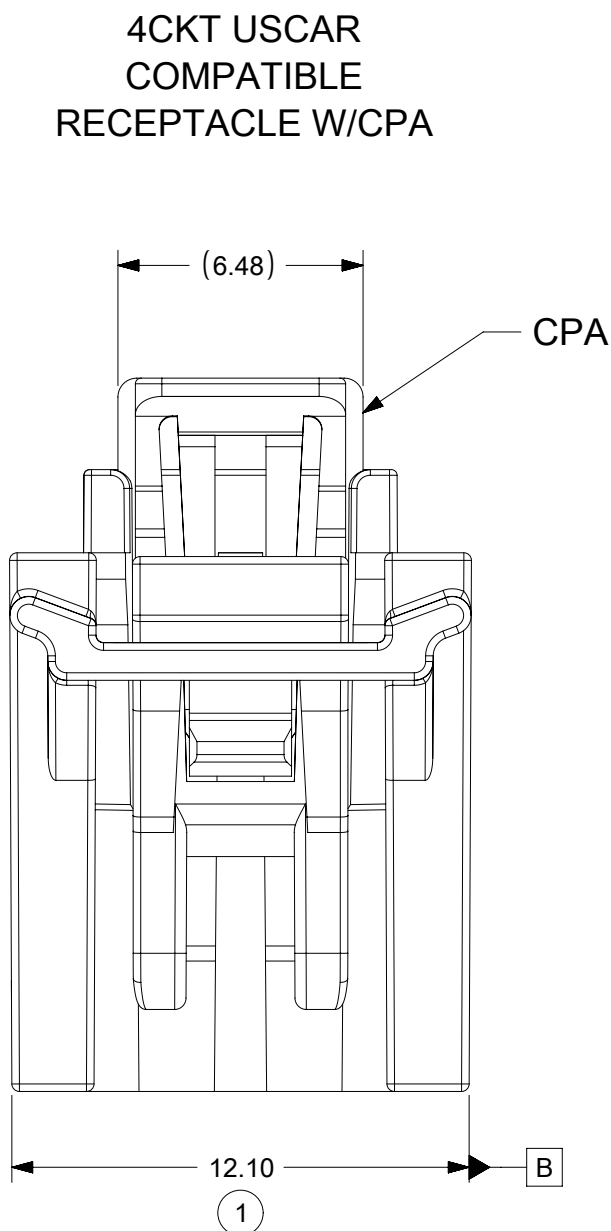
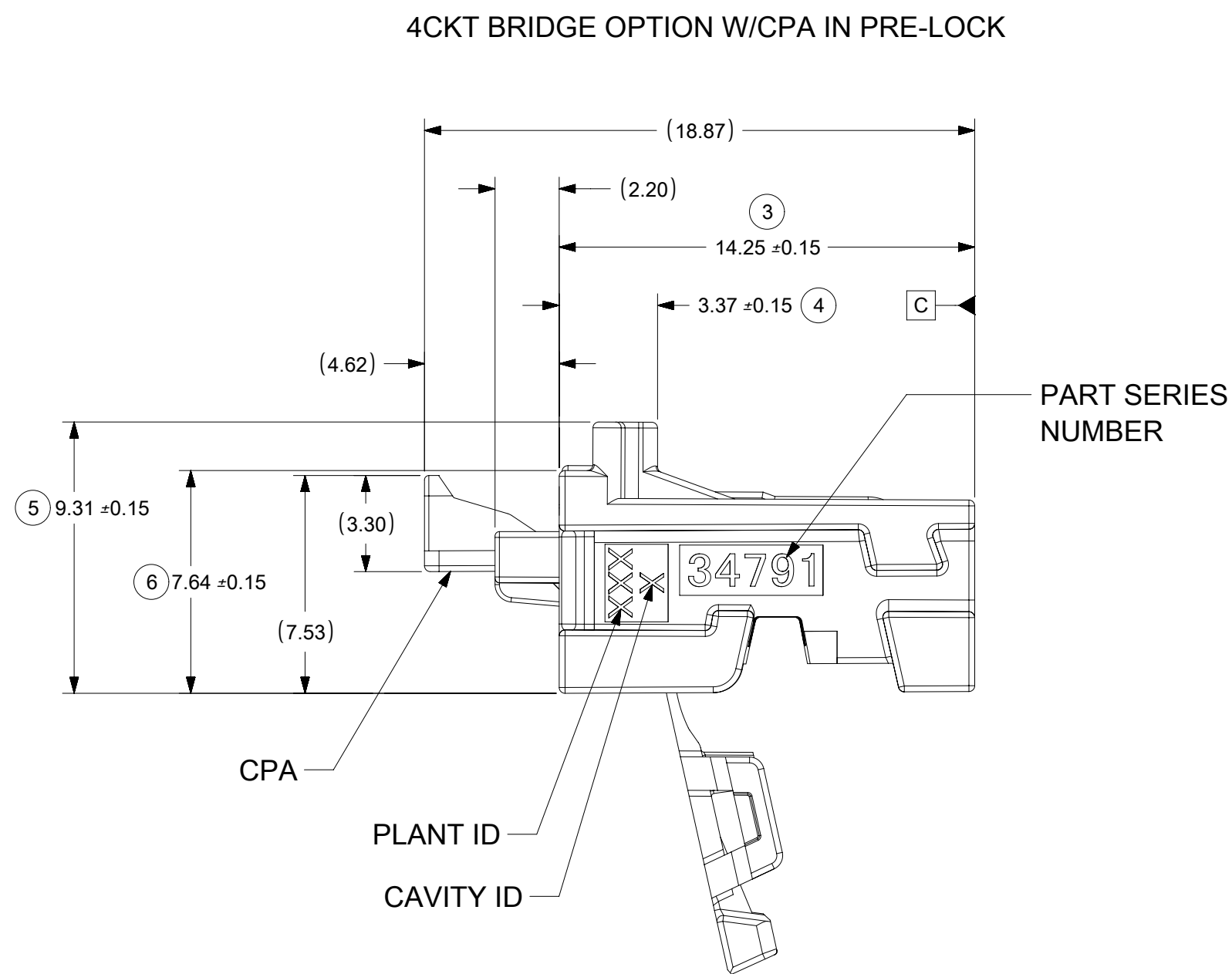
1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-34791-020
 - b. PRODUCT SPECIFICATION SEE: PS-34791-020
 - c. PACKAGING SPECIFICATION PER MOLEX DRAWING: SEE CHART
 - d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-301
 - e. DATA MUST 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)
 - f. FOR TERMINAL USAGE, REFER TO MOLEX SALES DRAWING SD-560023-002
2. DESIGN - MATERIALS:
- a. MATERIAL (4,8CKT): UNFILLED PBT
 - b. MATERIAL (12,16,20,24CKT): PA410 25% GF
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 Y14.5 - 2009
 - c. GENERAL TOLERANCES:
 - LINEAR: PER DIN 16901 CODE B FOR PRECISION ENGINEERING (SEE TABLE)
 - 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 ID, CAVITY ID, VENDOR ID, CIRCUIT ID, AND PART SERIES NUMBER.
 - g. DIMENSION APPLIES ONLY TO RECEPTACLES WITH LOCK BRIDGE OPTION.
4. DESIGN - FUNCTIONALITY:
- a. HINGE DOES NOT AFFECT FUNCTION OF THE PART.



M8	DIMENSION ADDED ON SHEET 3
M6	ADDED DATUMS AND DATUM NOTE
M5	REMASTERING DRAWING
M2	UPDATED 24 CKT
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	2019/03/27 2019/03/29 2019/03/29	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE		<div>molex®</div> <div>MINI 50 SINGLE/DUAL ROW CPA-RECEPTACLE ASSEMBLY SALES DRAWING</div> <div>PRODUCT CUSTOMER DRAWING</div>					
	= 0			MM ONLY		5:1							
	= 0			DRWN BY		DATE							
	= 0			MYOUNG01		2013/01/31							
	= 0			CHK'D BY		DATE							
	= 0			ANGULAR TOL ± 1.0 °		APPR BY		DATE					
	= 0			4 PLACES ±		RBAUMAN		2013/11/13					
	= 0			3 PLACES ±		DRAWING SIZE		THIRD ANGLE PROJECTION					
	= 0			2 PLACES ± 0.1		A1							
	= 0			1 PLACE ± 0.2		<div>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</div>		SERIES		MATERIAL NUMBER		CUSTOMER	
	= 0	0 PLACES ±		34824				SEE TABLE		GENERAL MARKET			
	= 0			DOCUMENT NUMBER				DOC TYPE		DOC PART		SHEET NUMBER	
	= 0	M8		REV		SD-34824-003		PSD		001		1 OF 4	

24CKT POLARIZATIONS SHOWN ARE REPRESENTATIVE FOR 16 AND 20CKT

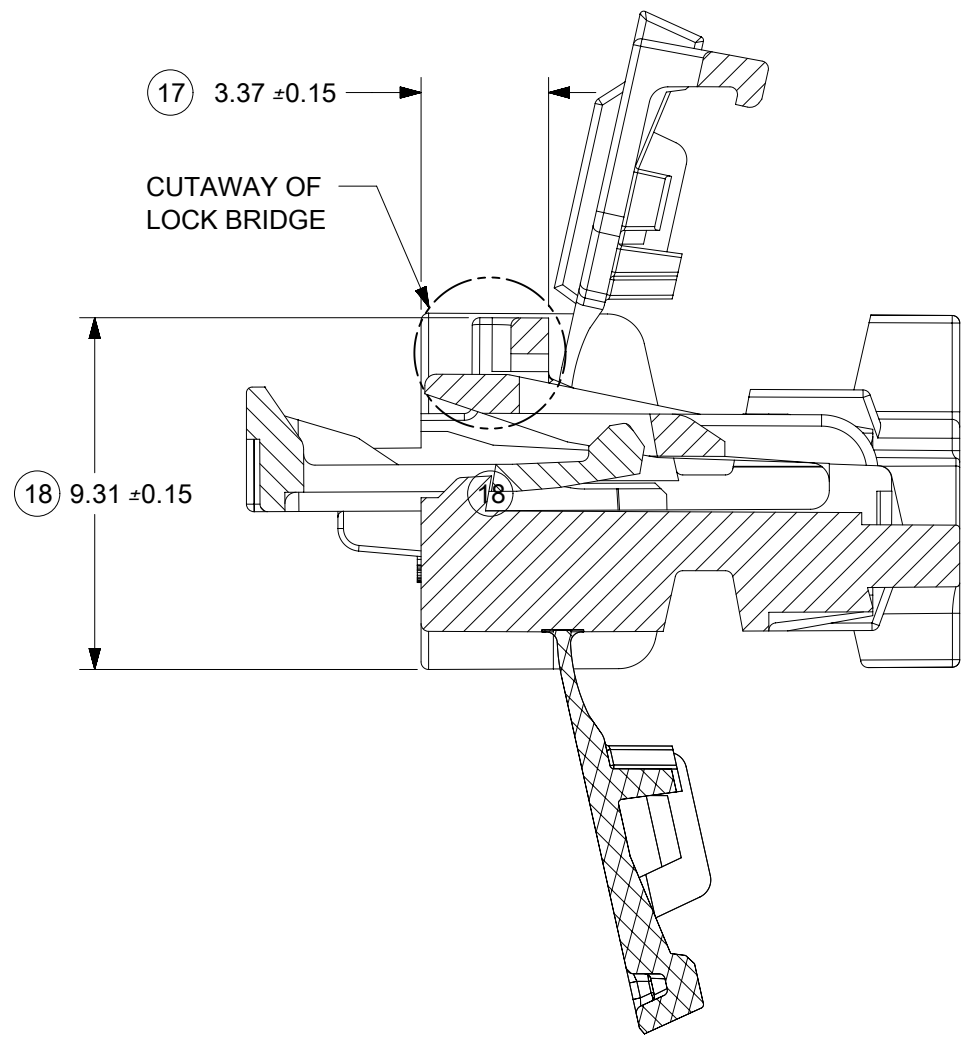


CHARTED DIMENSIONS		
DESCRIPTION	DIMENSION	
	A	B
4 CKT	16.09	6.77
8 CKT	22.52	7.77
12 CKT	23.18	8.47
16 CKT	26.87	8.47
20 CKT	30.65	8.47
24 CKT	34.47	8.47

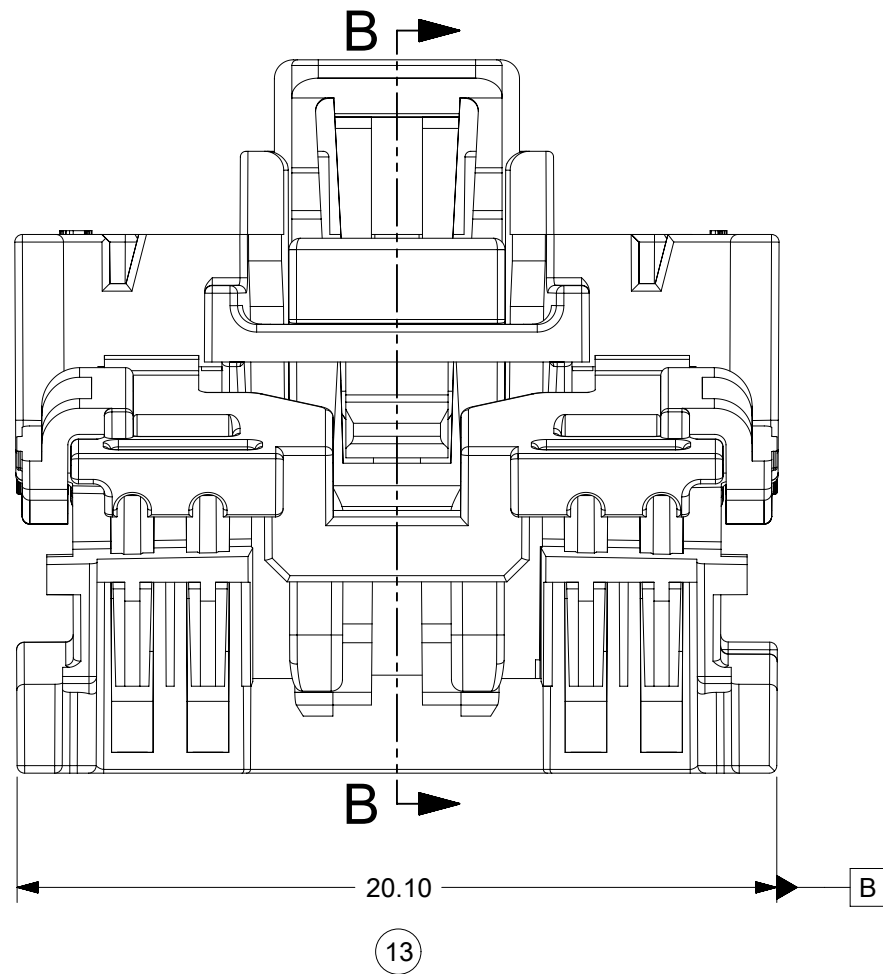
PASS THRU DIAMETER
Ø DIM A
1 mm ADDITIONAL CLEARANCE
ADDED TO TIGHTEST FIT CIRCLE

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
<div><div>▽ = 0</div><div>▽ = 0</div><div>▽ = 0</div><div>▽ = 0</div><div>▽ = 0</div><div>▽ = 0</div><div>▽ = 0</div><div>▽ = 0</div><div>▽ = 0</div><div>▽ = 0</div></div>	DIMENSION UNITS		SCALE		CURRENT REV DESC:			<div>molex</div> <div>MINI 50 SINGLE/DUAL ROW CPA-RECEPTACLE ASSEMBLY SALES DRAWING</div>				
	mm		5:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 614746 DRWN: SRUSS 2019/03/27 CHK'D: JDUNAJ 2019/03/29 APPR: JDUNAJ 2019/03/29			PRODUCT CUSTOMER DRAWING				
	ANGULAR TOL ± 1.0 °											
	4 PLACES		±		INITIAL REVISION: DRWN: TMACHUGA 2013/10/15 APPR: RBAUMAN 2013/11/13			DOCUMENT NUMBER SD-34824-003		DOC TYPE PSD	DOC PART 001	REVISION M8
	3 PLACES		±									
	2 PLACES		± 0.1									
	1 PLACE		± 0.2									
	0 PLACES		±									
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
				<div><div></div><div></div></div>		A1-SIZE	34824			GENERAL MARKET		2 OF 4

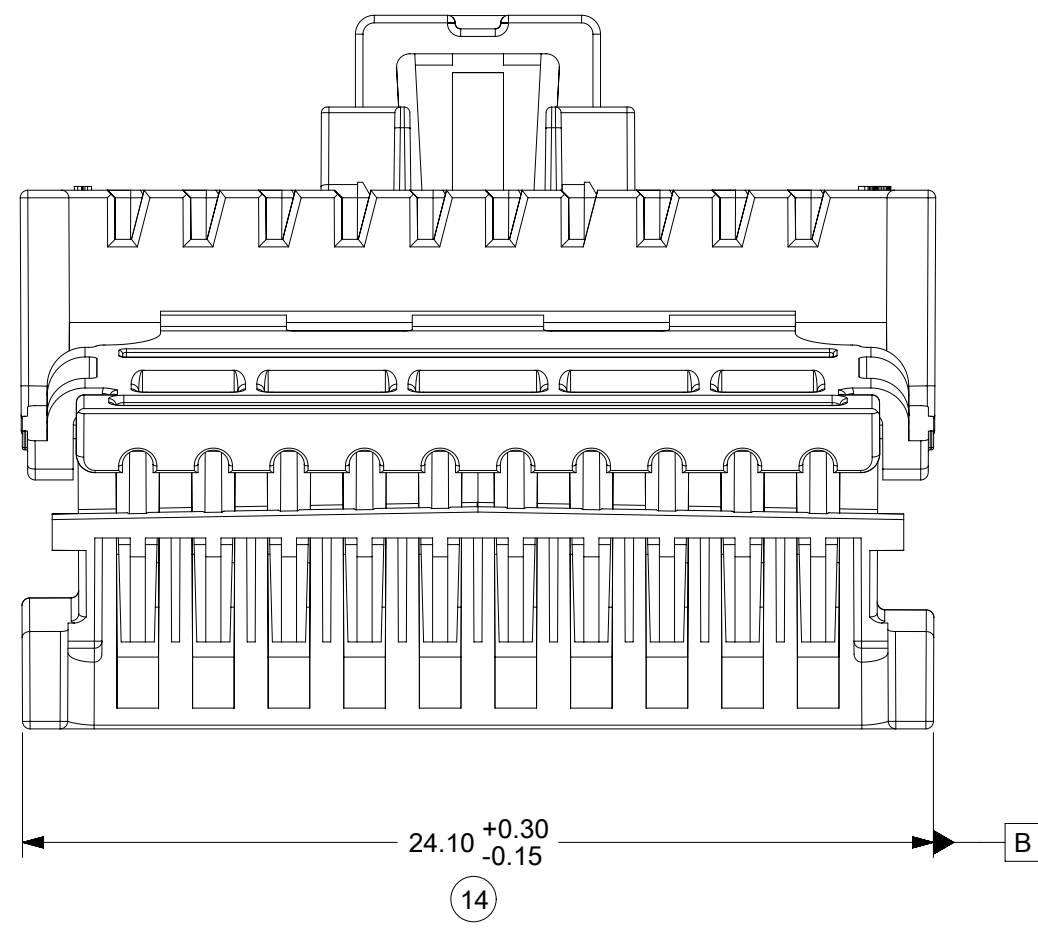
DUAL ROW LOCK BRIDGE OPTION



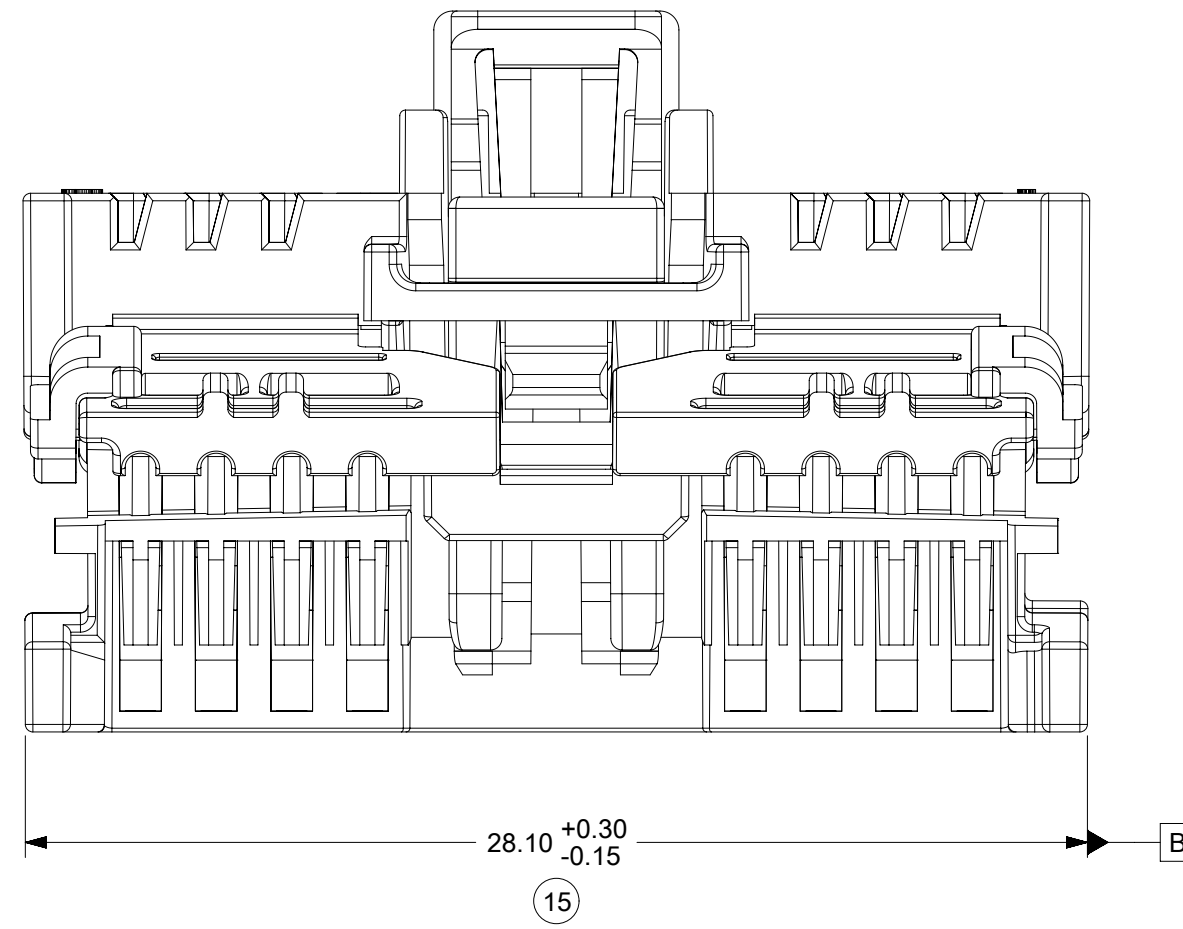
12 CKT USCAR COMPATIBLE
RECEPTACLE W/CPA



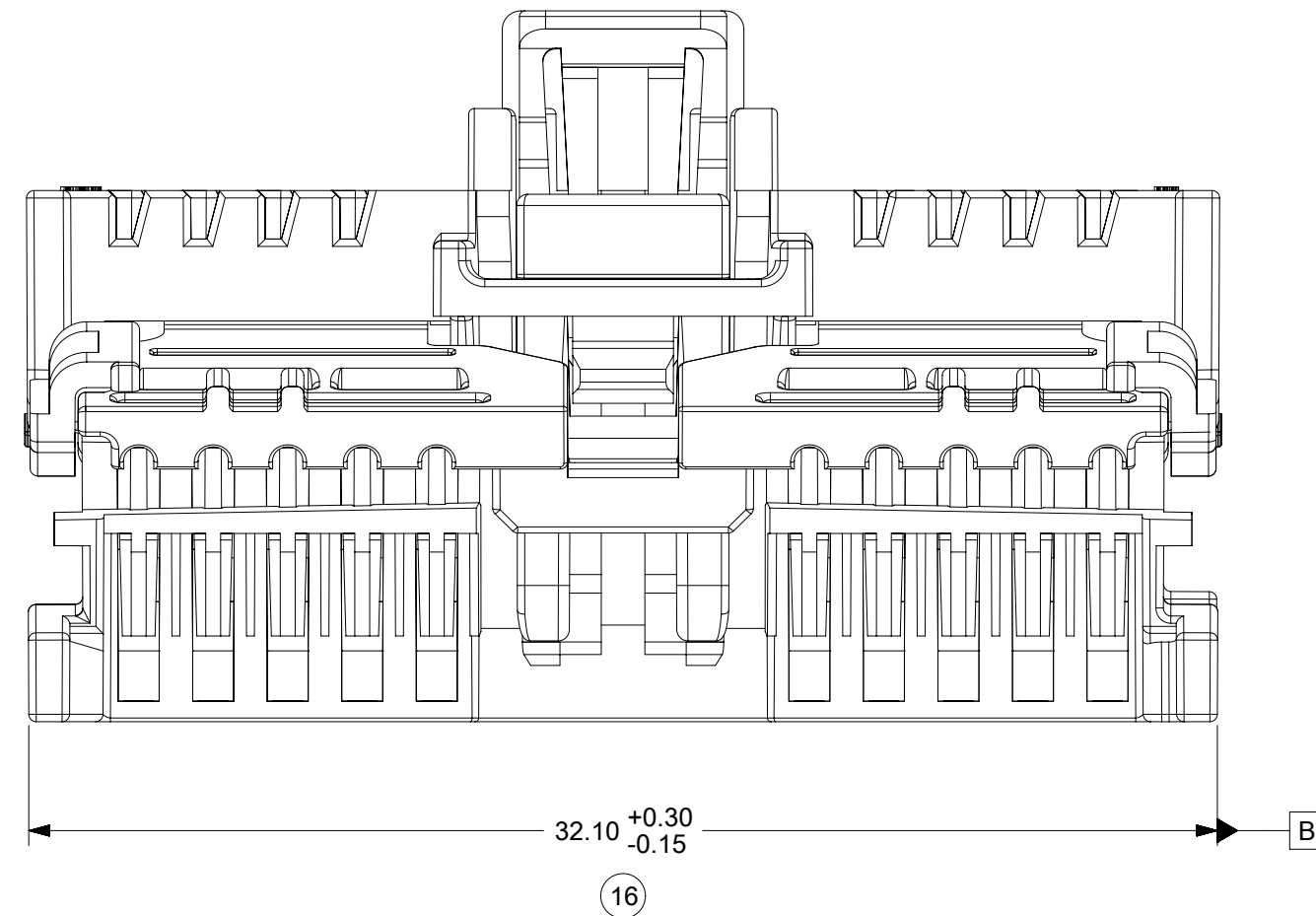
16 CKT USCAR COMPATIBLE
RECEPTACLE W/CPA



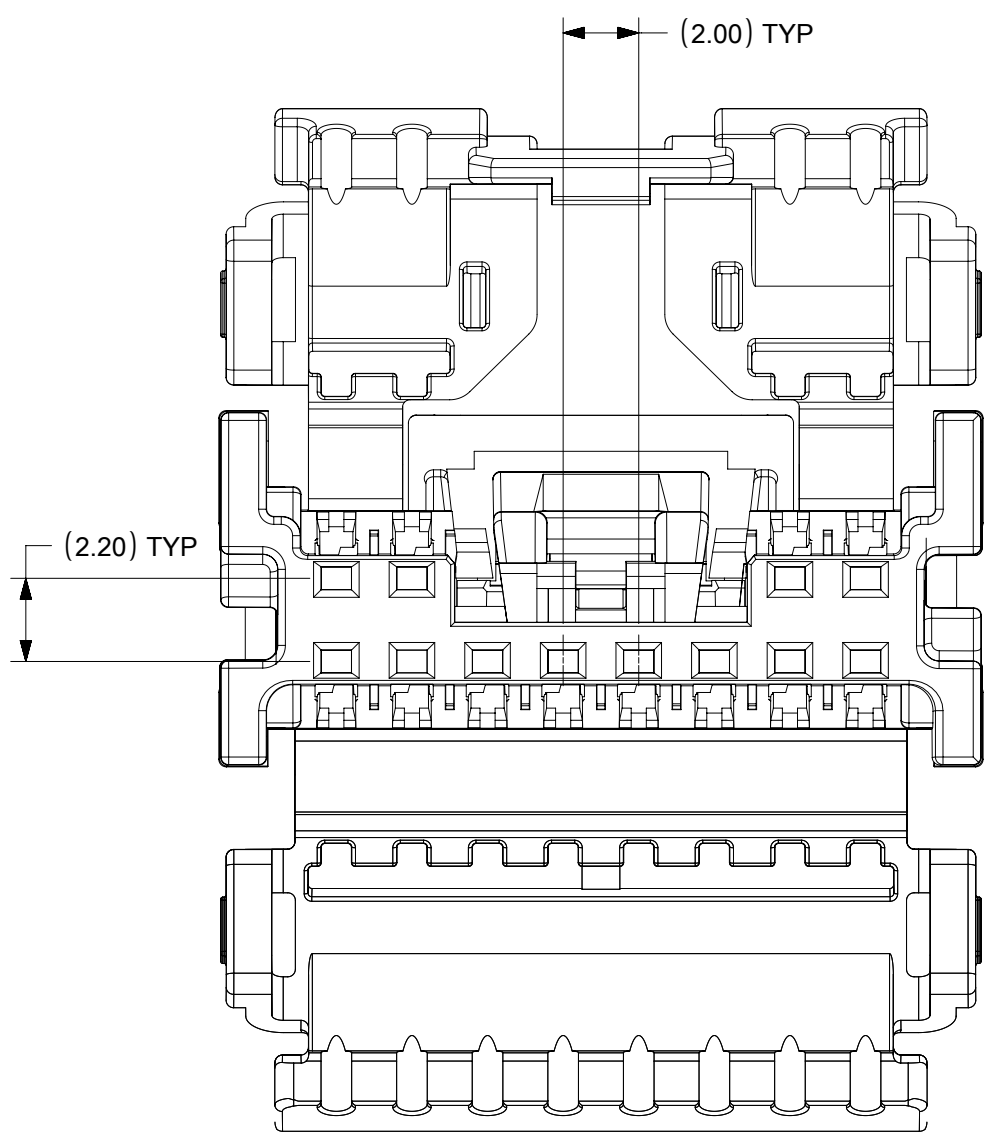
20 CKT USCAR COMPATIBLE
RECEPTACLE W/CPA



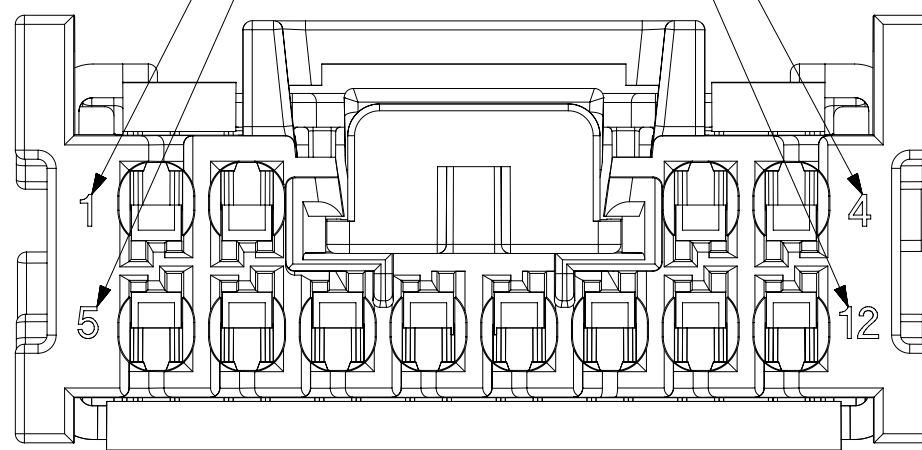
24 CKT USCAR COMPATIBLE
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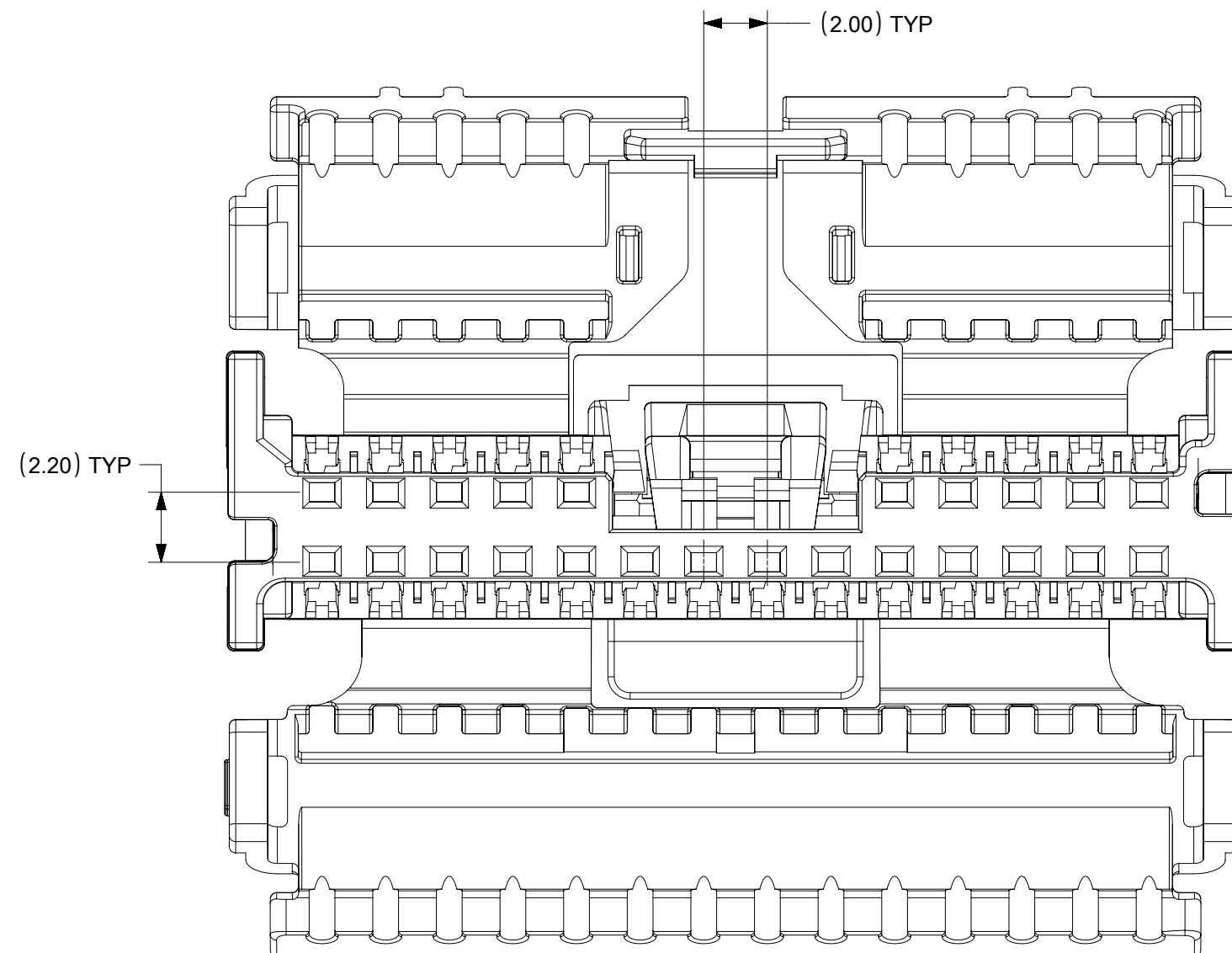
SECTION B-B



CIRCUIT ID

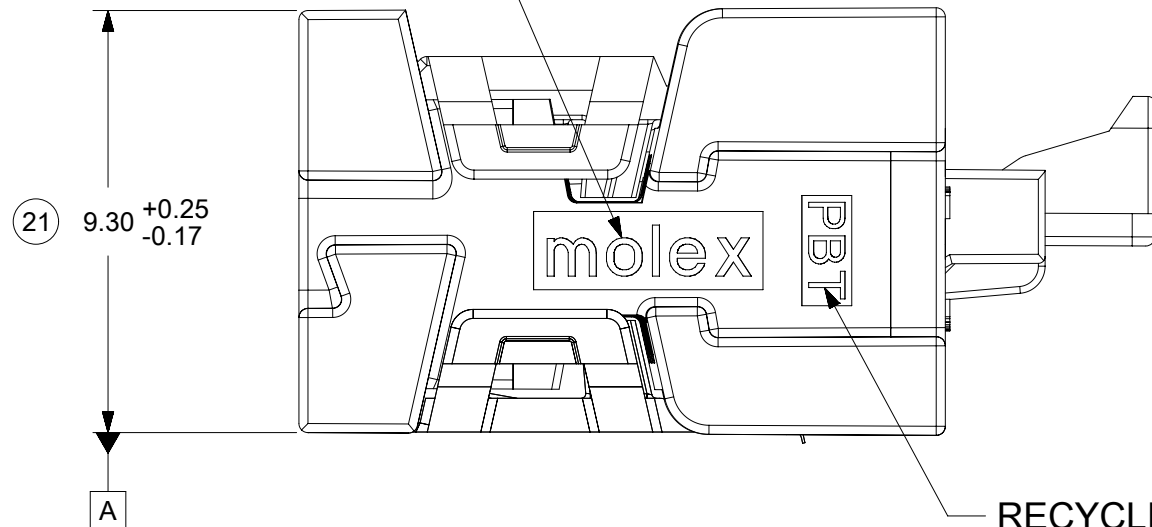


(2.20) TYP

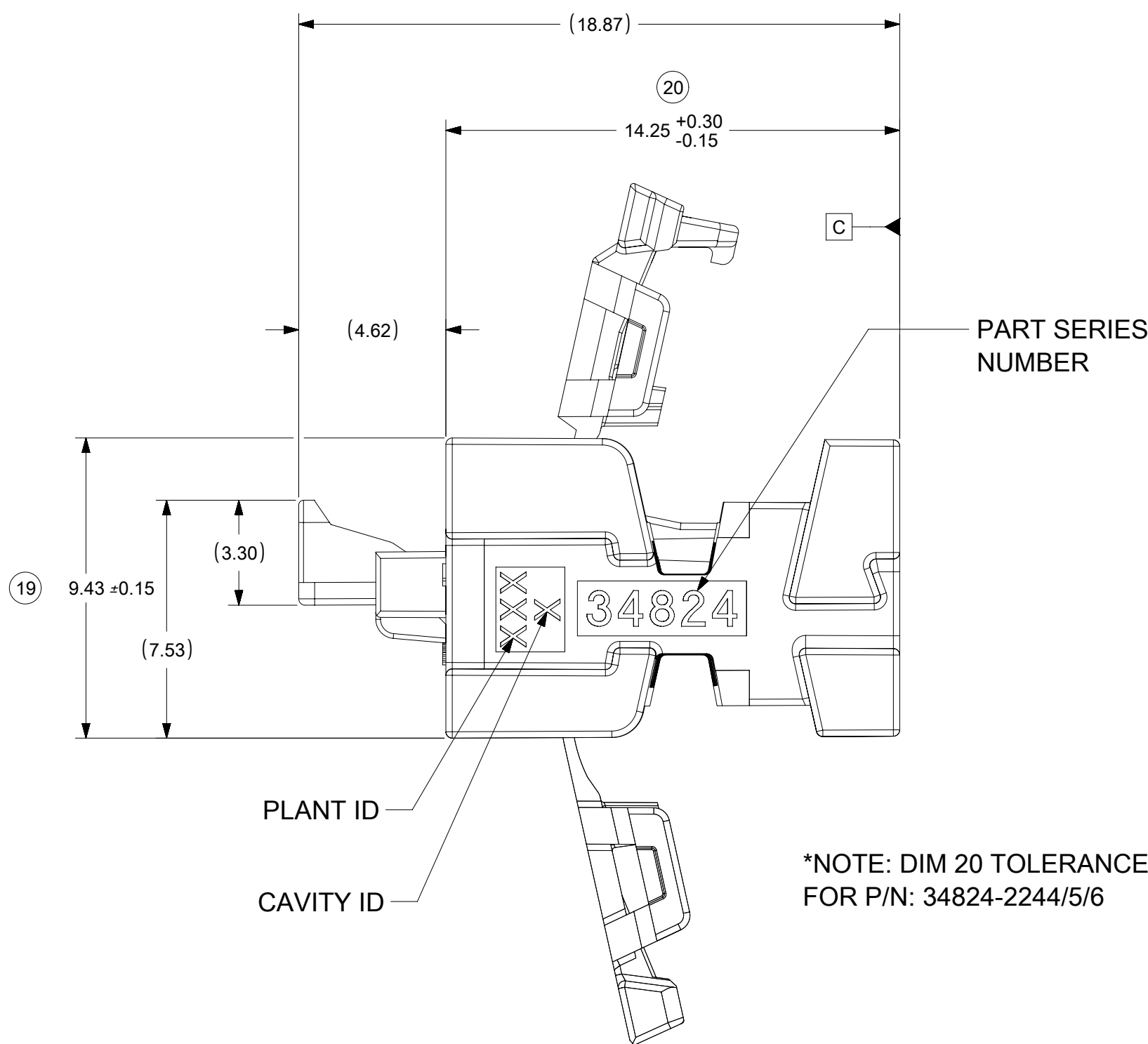


HINGES CLOSED

VENDOR ID















RECYCLING CODE



*NOTE: DIM 20 TOLERANCE IS +0.30/-0.15
FOR P/N: 34824-2244/5/6

*NOTE: DATUMS A AND C ARE SIMILAR FOR 12-24CKT CONNECTORS

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 614746 DRWN: SRUSS 2019/03/27 CHK'D: JDUNAJ 2019/03/29 APPR: JDUNAJ 2019/03/29 INITIAL REVISION: DRWN: TMACHUGA 2013/10/15 APPR: RBAUMAN 2013/11/13					molex MINI 50 SINGLE/DUAL ROW CPA-RECEPTACLE ASSEMBLY SALES DRAWING					
	mm		5:1												
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									PRODUCT CUSTOMER DRAWING					
 = 0	ANGULAR TOL ± 1.0 °														
 = 0	4 PLACES		±							DOCUMENT NUMBER SD-34824-003					DOC TYPE PSD
 = 0	3 PLACES		±												
 = 0	2 PLACES		± 0.1		SHEET NUMBER 3 OF 4										
 = 0	1 PLACE		± 0.2												
 = 0	0 PLACES		±		MATERIAL NUMBER GENERAL MARKET										
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														
 = 0	THIRD ANGLE PROJECTION				DRAWING		SERIES								
 = 0					A1-SIZE		34824								

SINGLE ROW ASSEMBLY (RECEPTACLE WITH CPA)

MOLEX MATERIAL NUMBER BULK PACKAGING PK-31301-538	GENERAL MOTORS PART NUMBER	CONFIGURATION	MATERIAL TYPE	CIRCUIT	POL	COLOR	MATING COMPONENT					
							SURFACE MOUNT TECHNOLOGY (SMT) HEADER		VERTICAL THRU HOLE HEADER		RIGHT ANGLE THRU HOLE HEADER	
							TAPE AND REEL PACKAGING PK-31301-786	TUBE PACKAGING PK-31301-688	TAPE AND REEL PACKAGING PK-31301-440	TUBE PACKAGING PK-31301-688	TAPE AND REEL PACKAGING PK-31301-440	TUBE PACKAGING PK-31301-688
34791-5140	13507113	USCAR	PBT	4	A	BLACK	34912-8040	34912-9040	34792-0040	34792-9040	34793-0040	34793-9040
34791-5141	13507115	USCAR		4	B	LIGHT GRAY	34912-8041	34912-9041	34792-0041	34792-9041	34793-0041	34793-9041
34791-5142	13507116	USCAR		4	C	DARK GRAY	34912-8042	34912-9042	34792-0042	34792-9042	34793-0042	34793-9042
34791-5143	13507117	USCAR		4	D	GREEN	34912-8043	34912-9043	34792-0043	34792-9043	34793-0043	34793-9043
34791-5180	13507118	USCAR		8	A	BLACK	34912-8080	34912-9080	34792-0080	34792-9080	34793-0080	34793-9080
34791-5181	13507119	USCAR		8	B	LIGHT GRAY	34912-8081	34912-9081	34792-0081	34792-9081	34793-0081	34793-9081
34791-5182	13507120	USCAR		8	C	DARK GRAY	34912-8082	34912-9082	34792-0082	34792-9082	34793-0082	34793-9082

DUAL ROW ASSEMBLY (RECEPTACLE WITH CPA)

MOLEX MATERIAL NUMBER BULK PACKAGING PK-31301-538	GENERAL MOTORS PART NUMBER	CONFIGURATION	MATERIAL TYPE	CIRCUIT	POL	COLOR	MATING COMPONENT					
							SURFACE MOUNT TECHNOLOGY (SMT) HEADER		VERTICAL THRU HOLE HEADER		RIGHT ANGLE THRU HOLE HEADER	
							TAPE AND REEL PACKAGING PK-31301-786	TUBE PACKAGING PK-31301-688	TAPE AND REEL PACKAGING PK-31301-440	TUBE PACKAGING PK-31301-688	TAPE AND REEL PACKAGING PK-31301-440	TUBE PACKAGING PK-31301-688
34824-2164	N/A	USCAR	ECOPAXX	16	A	BLACK	34897-8160	34897-9160	34825-0160	34825-9160	34826-0160	34826-9160
34824-2165	N/A	USCAR		16	B	LIGHT GRAY	34897-8161	34897-9161	34825-0161	34825-9161	34826-0161	34826-9161
34824-2166	N/A	USCAR		16	C	DARK GRAY	34897-8162	34897-9162	34825-0162	34825-9162	34826-0162	34826-9162
34824-2204	13596105	USCAR		20	A	BLACK	34897-8200	34897-9200	34825-0200	34825-9200	34826-0200	34826-9200
34824-2205	13596106	USCAR		20	B	LIGHT GRAY	34897-8201	34897-9201	34825-0201	34825-9201	34826-0201	34826-9201
34824-2206	13596107	USCAR		20	C	DARK GRAY	34897-8202	34897-9202	34825-0202	34825-9202	34826-0202	34826-9202
34824-2244	N/A	USCAR		24	A	BLACK	34897-8240	34897-9240	34825-0240	34825-9240	34826-0240	34826-9240
34824-2245	N/A	USCAR		24	B	LIGHT GRAY	34897-8241	34897-9241	34825-0241	34825-9241	34826-0241	34826-9241
34824-2246	N/A	USCAR		24	C	DARK GRAY	34897-8242	34897-9242	34825-0242	34825-9242	34826-0242	34826-9242
34824-5124	13507121	USCAR	PBT	12	A	BLACK	34897-8120	34897-9120	34825-0124	34825-9124	34826-0124	34826-9124
34824-5125	13507122	USCAR		12	B	LIGHT GRAY	34897-8121	34897-9121	34825-0125	34825-9125	34826-0125	34826-9125
34824-5126	13507114	USCAR		12	C	DARK GRAY	34897-8122	34897-9122	34825-0126	34825-9126	34826-0126	34826-9126
34824-2160	N/A	USCAR		16	A	BLACK	34897-8160	34897-9160	34825-0160	34825-9160	34826-0160	34826-9160
34824-2161	N/A	USCAR		16	B	LIGHT GRAY	34897-8161	34897-9161	34825-0161	34825-9161	34826-0161	34826-9161
34824-2162	N/A	USCAR		16	C	DARK GRAY	34897-8162	34897-9162	34825-0162	34825-9162	34826-0162	34826-9162
34824-2200	13596105	USCAR		20	A	BLACK	34897-8200	34897-9200	34825-0200	34825-9200	34826-0200	34826-9200
34824-2201	13596106	USCAR		20	B	LIGHT GRAY	34897-8201	34897-9201	34825-0201	34825-9201	34826-0201	34826-9201
34824-2202	13596107	USCAR		20	C	DARK GRAY	34897-8202	34897-9202	34825-0202	34825-9202	34826-0202	34826-9202
34824-2240	N/A	USCAR		24	A	BLACK	34897-8240	34897-9240	34825-0240	34825-9240	34826-0240	34826-9240
34824-2241	N/A	USCAR		24	B	LIGHT GRAY	34897-8241	34897-9241	34825-0241	34825-9241	34826-0241	34826-9241
34824-2242	N/A	USCAR		24	C	DARK GRAY	34897-8242	34897-9242	34825-0242	34825-9242	34826-0242	34826-9242
*NOTE: MOLEX CONFIGURATION CONSISTS OF AN EXPANSION OF THE 12CKT USCAR-COMPATIBLE CONFIGURATION TO ALLOW FOR 16, 20, AND 24 CIRCUITS												

MINI50 CPA (APPLIED TO SINGLE AND DUAL ROW BRIDGED RECEPTACLE CONNECTORS)

MATERIAL NUMBER	COLOR	MATING COMPONENT
34824-7000	NATURAL	SEE CHARTS ABOVE

CTX50 UNSEALED RECEPTACLE TERMINALS

PART NUMBER		MATERIAL	WIRE GAGE (mm ²)	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

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:				<div>molex</div>									
mm		1:1															
<div><div>⊲</div>= 0</div>		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 614746				MINI 50 SINGLE/DUAL ROW CPA-RECEPTACLE ASSEMBLY SALES DRAWING							
<div><div>⊳</div>= 0</div>						DRWN: SRUSS 2019/03/27											
<div><div>⊴</div>= 0</div>						CHK'D: JDUNAJ 2019/03/29											
<div><div>⊵</div>= 0</div>		ANGULAR TOL ± 1.0°		APPR: JDUNAJ 2019/03/29				PRODUCT CUSTOMER DRAWING									
<div><div>⊶</div>= 0</div>		4 PLACES ±		INITIAL REVISION:										DOCUMENT NUMBER		DOC TYPE	
<div><div>⊷</div>= 0</div>		3 PLACES ±		2013/10/15				SD-34824-003		PSD		001		M8			
<div><div>⊸</div>= 0</div>		2 PLACES ± 0.1		2013/11/13													
<div><div>⊹</div>= 0</div>		1 PLACE ± 0.2		DRWN: TMACHUGA				MATERIAL NUMBER		CUSTOMER				SHEET NUMBER			
<div><div>⊺</div>= 0</div>		0 PLACES ±		APPR: RBAUMANN				A1-SIZE		34824		GENERAL MARKET				4 OF 4	
<div><div>⊻</div>= 0</div>		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				<div><div>⊘</div><div><div></div><div></div></div></div>											

DOCUMENT STATUS	P1	RELEASE DATE	2019/03/29	20:37:37
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