

[illegible]

(BRIDGED OPTION SHOWN BELOW)

(2.20)

CUT AWAY SHOWING LOCK BRIDGE HEIGHT

PART SERIES NUMBER

10 9.43±0.15

11 9.31±0.15

34824

PLANT ID

CAVITY ID

12 14.25 ±0.15

CPA TRAY

(8.29)

(BRIDGED OPTION SHOWN)

Technical drawing of a connector with HINGES CLOSED. The drawing shows a cross-section of the connector with labels for 'VENDOR ID', 'HINGES CLOSED', and 'RECYCLING CODE'. A dimension line on the left indicates a height of 9.30 (+0.25 / -0.17) mm. The 'molex' logo is visible on the central component.

(8.47 MAX)

CUTAWAY SHOWING MAXIMUM
POINTS ASSEMBLE HINGES

Technical drawing of a component, likely a cross-section of a multi-layered structure. The drawing shows a central rectangular feature surrounded by complex, multi-layered structures. The overall dimensions are indicated as 20.10x0.10 mm. The drawing is labeled with a circled number 14.

Figure 1 is a technical cross-section drawing of a bridge deck. It shows a symmetrical design with a central void. The top and bottom flanges are clearly defined, and internal stiffeners are shown within the deck. A dimension line at the top indicates a width of (2.00) TYP. The drawing is a line drawing showing the structural components of the bridge deck.

Diagram illustrating the optional lock bridge configuration. The bridge is shown as a central component connecting the two main sections of the system. The text "OPTIONAL LOCK BRIDGE" is labeled with an arrow pointing to the bridge structure.

OPTIONAL LOCK BRIDGE

This diagram illustrates the optional lock bridge installation. It shows a side view of the bridge structure with a lock mechanism. An arrow points to the top of the bridge, labeled "OPTIONAL LOCK BRIDGE". The bridge is shown with a series of rectangular blocks along its length, and a lock mechanism is visible on the right side.

Technical drawing of a double-row ball bearing assembly. The drawing shows a cross-section of the bearing with two rows of balls. The outer ring is shown with a central bore. The inner ring is shown with a central shaft. The balls are arranged in two rows, separated by a cage. The drawing includes a dimension line indicating the overall width of the bearing, which is 28.10 mm with a tolerance of +0.30 mm and -0.15 mm. The dimension is labeled as 28.10 $^{+0.30}_{-0.15}$. The drawing is labeled with a circled number 16.

OPTIONAL LOCK BRIDGE

This technical drawing shows the optional lock bridge for the 1000 Series. It is a side-view cross-section of a rectangular bridge structure. The bridge has a central rectangular opening. On either side of this opening, there are two rows of circular components, likely representing lock bolts or pins. The bridge is shown with mounting flanges at both ends, which would attach it to the main door frame. A leader line points from the text 'OPTIONAL LOCK BRIDGE' to the central part of the bridge.

A technical architectural drawing of a building section. It shows a central staircase with a landing and a door. On either side of the staircase are two rows of rooms. Each room has a door and a window. The drawing is a black and white line drawing.

32.10^{+0.30}_{-0.15}

17

(2.00) TYP

OPTIONAL LOCK BRIDGE

This technical drawing shows the optional lock bridge for the 1000 Series. It is a side-view cross-section of a horizontal assembly. The bridge consists of a central rectangular block with a smaller, recessed section in the middle. This central block is flanked by two long, thin horizontal bars. Each bar has a series of small, rectangular protrusions or slots along its length. The entire assembly is shown within a circular frame, with a label 'OPTIONAL LOCK BRIDGE' pointing to the central block.

OPTIONAL LOCK BRIDGE

This technical drawing shows a side view of the optional lock bridge. It is a horizontal assembly with a central locking mechanism. An arrow points from the text 'OPTIONAL LOCK BRIDGE' to the central part of the bridge. Below the bridge, there are several small, rectangular components, likely representing the locking pins or bolts.

Figure 1 is a top view of the circuit board. It shows a central horizontal strip of components, including a large central component (likely the microcontroller) and several smaller components (resistors, capacitors, etc.) on either side. The board is populated with various components, including a large central component, several smaller components, and a series of components along the bottom edge. The layout is symmetrical about a vertical center line. The circuit ID is located at the top of the board, near the center.

RELEASE STATUS	P1	RELEASE DATE	2018/09/05	19:34:48
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MINI50 RECEPTACLE ASSEMBLIES

PBT RECEPTACLES

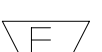
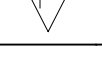
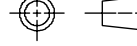
MATERIAL NUMBER BULK PACKAGING PK-31301-538	LOCK BRIDGE OPTION	CONFIGURATION	CIRCUIT	POL	COLOR	MATING COMPONENT					
						SURFACE MOUNT TECHNOLOGY (SMT) HEADER		VERTICAL THRU HOLE HEADER		RIGHT ANGLE THRU HOLE HEADER	
						TAPE AND REEL PACKAGING PK-31301-786	TUBE PACKAGING PK-31301-688	TRAY PACKAGING PK-31301-440	TUBE PACKAGING PK-31301-688	TRAY PACKAGING PK-31301-440	TUBE PACKAGING PK-31301-688
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34824-0125	NO	USCAR COMPATIBLE	12	B	GRAY	34897-8121	34897-9121	34825-0125	34825-9125	34826-0125	34826-9125
34824-0126	NO	USCAR COMPATIBLE	12	C	DARK GRAY	34897-8122	34897-9122	34825-0126	34825-9126	34826-0126	34826-9126
34824-1124	YES	USCAR COMPATIBLE	12	A	BLACK	34897-8120	34897-9120	34825-0124	34825-9124	34826-0124	34826-9124
34824-1125	YES	USCAR COMPATIBLE	12	B	GRAY	34897-8121	34897-9121	34825-0125	34825-9125	34826-0125	34826-9125
34824-1126	YES	USCAR COMPATIBLE	12	C	DARK GRAY	34897-8122	34897-9122	34825-0126	34825-9126	34826-0126	34826-9126
34824-0160	NO	USCAR COMPATIBLE	16	A	BLACK	34897-8160	34897-9160	34825-0160	34825-9160	34826-0160	34826-9160
34824-0161	NO	USCAR COMPATIBLE	16	B	GRAY	34897-8161	34897-9161	34825-0161	34825-9161	34826-0161	34826-9161
34824-0162	NO	USCAR COMPATIBLE	16	C	DARK GRAY	34897-8162	34897-9162	34825-0162	34825-9162	34826-0162	34826-9162
34824-1160	YES	USCAR COMPATIBLE	16	A	BLACK	34897-8160	34897-9160	34825-0160	34825-9160	34826-0160	34826-9160
34824-1161	YES	USCAR COMPATIBLE	16	B	GRAY	34897-8161	34897-9161	34825-0161	34825-9161	34826-0161	34826-9161
34824-1162	YES	USCAR COMPATIBLE	16	C	DARK GRAY	34897-8162	34897-9162	34825-0162	34825-9162	34826-0162	34826-9162
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34824-0202	NO	USCAR COMPATIBLE	20	C	DARK GRAY	34897-8202	34897-9202	34825-0202	34825-9202	34826-0202	34826-9202
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34824-0241	NO	USCAR COMPATIBLE	24	B	GRAY	34897-8241	34897-9241	34825-0241	34825-9241	34826-0241	34826-9241
34824-0242	NO	USCAR COMPATIBLE	24	C	DARK GRAY	34897-8242	34897-9242	34825-0242	34825-9242	34826-0242	34826-9242
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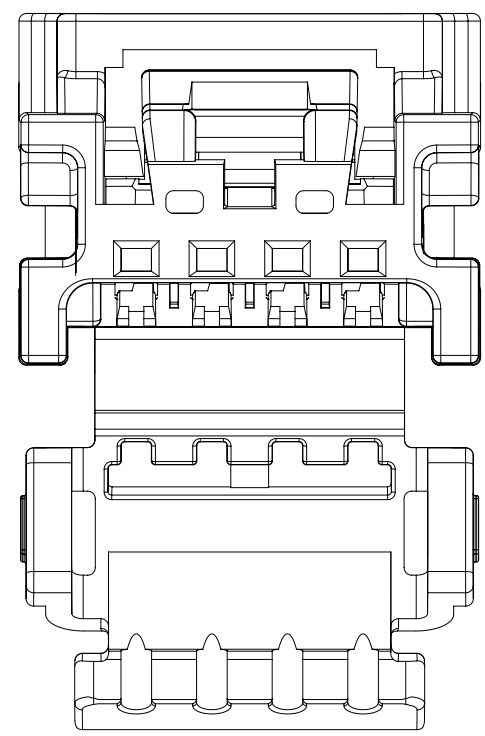
ECOPAXX RECEPTACLES

MATERIAL NUMBER	LOCK BRIDGE OPTION	CONFIGURATION	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	TRAY PACKAGING PK-31301-440	TUBE PACKAGING PK-31301-688	TRAY PACKAGING PK-31301-440	TUBE PACKAGING PK-31301-688
BULK PACKAGING PK-31301-538											
34824-0164	NO	USCAR COMPATIBLE	16	A	BLACK	34897-8160	34897-9160	34825-0160	34825-9160	34826-0160	34826-9160
34824-0165	NO	USCAR COMPATIBLE	16	B	GRAY	34897-8161	34897-9161	34825-0161	34825-9161	34826-0161	34826-9161
34824-0166	NO	USCAR COMPATIBLE	16	C	DARK GRAY	34897-8162	34897-9162	34825-0162	34825-9162	34826-0162	34826-9162
34824-1164	YES	USCAR COMPATIBLE	16	A	BLACK	34897-8160	34897-9160	34825-0160	34825-9160	34826-0160	34826-9160
34824-1165	YES	USCAR COMPATIBLE	16	B	GRAY	34897-8161	34897-9161	34825-0161	34825-9161	34826-0161	34826-9161
34824-1166	YES	USCAR COMPATIBLE	16	C	DARK GRAY	34897-8162	34897-9162	34825-0162	34825-9162	34826-0162	34826-9162
34824-0204	NO	USCAR COMPATIBLE	20	A	BLACK	34897-8200	34897-9200	34825-0200	34825-9200	34826-0200	34826-9200
34824-0205	NO	USCAR COMPATIBLE	20	B	GRAY	34897-8201	34897-9201	34825-0201	34825-9201	34826-0201	34826-9201
34824-0206	NO	USCAR COMPATIBLE	20	C	DARK GRAY	34897-8202	34897-9202	34825-0202	34825-9202	34826-0202	34826-9202
34824-1204	YES	USCAR COMPATIBLE	20	A	BLACK	34897-8200	34897-9200	34825-0200	34825-9200	34826-0200	34826-9200
34824-1205	YES	USCAR COMPATIBLE	20	B	GRAY	34897-8201	34897-9201	34825-0201	34825-9201	34826-0201	34826-9201
34824-1206	YES	USCAR COMPATIBLE	20	C	DARK GRAY	34897-8202	34897-9202	34825-0202	34825-9202	34826-0202	34826-9202
34824-0244	NO	USCAR COMPATIBLE	24	A	BLACK	34897-8240	34897-9240	34825-0240	34825-9240	34826-0240	34826-9240
34824-0245	NO	USCAR COMPATIBLE	24	B	GRAY	34897-8241	34897-9241	34825-0241	34825-9241	34826-0241	34826-9241
34824-0246	NO	USCAR COMPATIBLE	24	C	DARK GRAY	34897-8242	34897-9242	34825-0242	34825-9242	34826-0242	34826-9242
34824-1244	YES	USCAR COMPATIBLE	24	A	BLACK	34897-8240	34897-9240	34825-0240	34825-9240	34826-0240	34826-9240
34824-1245	YES	USCAR COMPATIBLE	24	B	GRAY	34897-8241	34897-9241	34825-0241	34825-9241	34826-0241	34826-9241
34824-1246	YES	USCAR COMPATIBLE	24	C	DARK GRAY	34897-8242	34897-9242	34825-0242	34825-9242	34826-0242	34826-9242

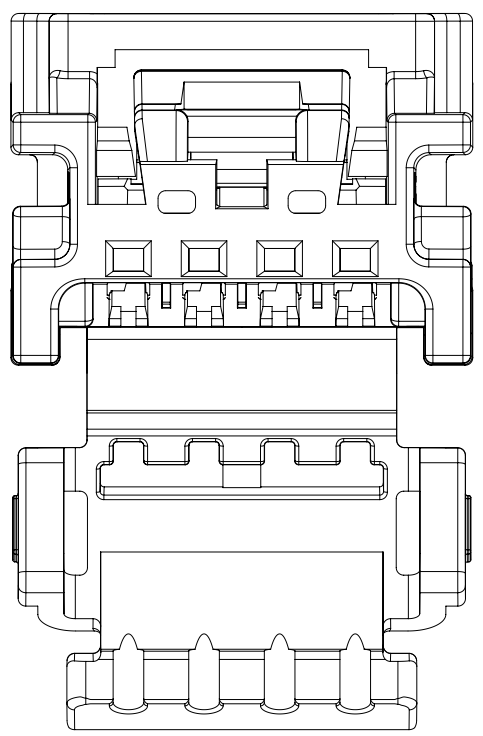
CTX50 UNSEALED RECEPTACLE TERMINALS

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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

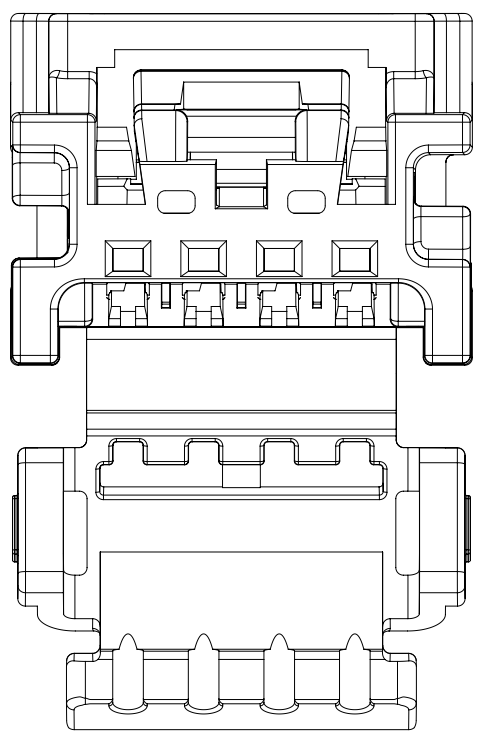
QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
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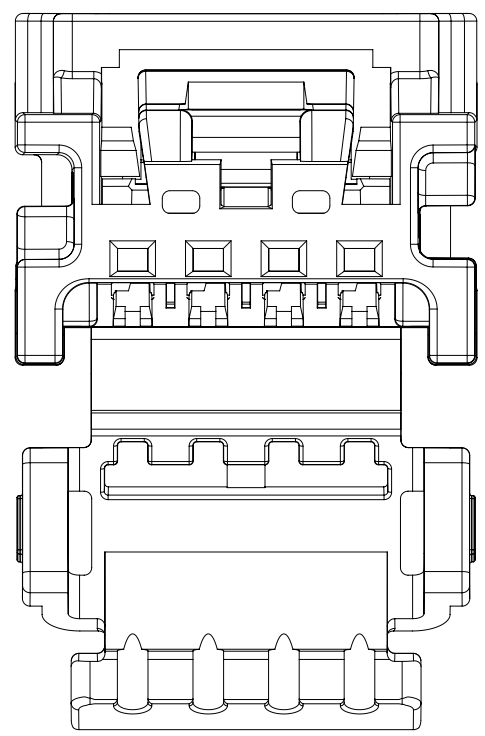
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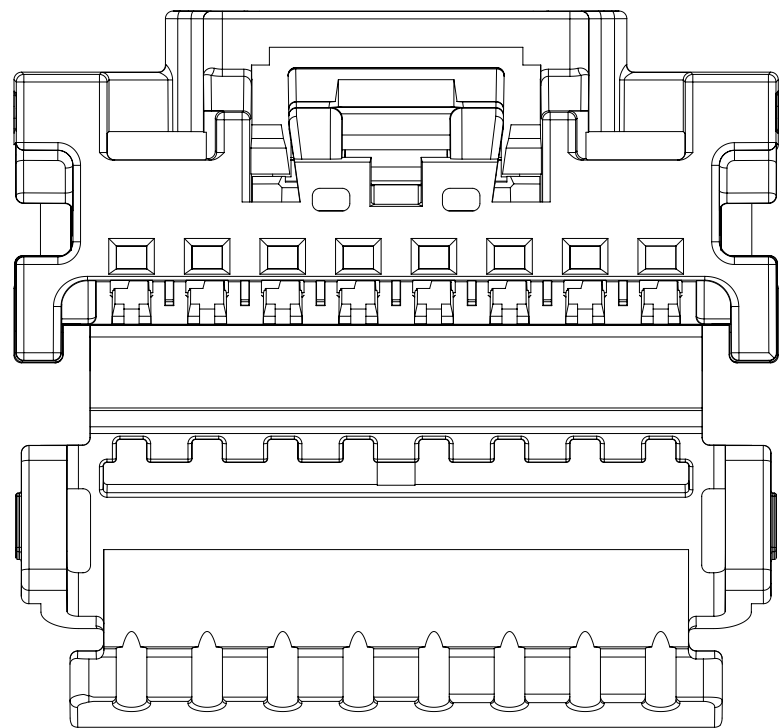
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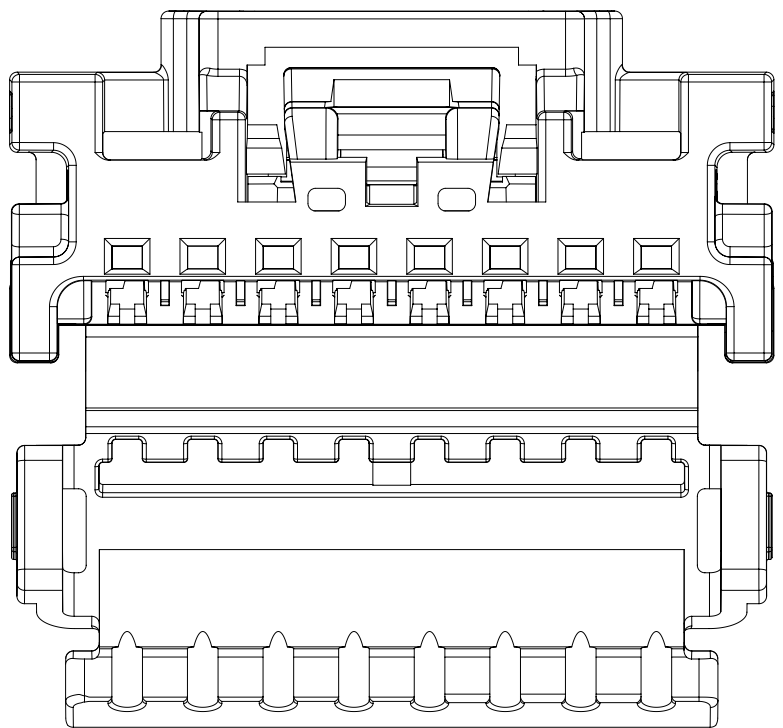
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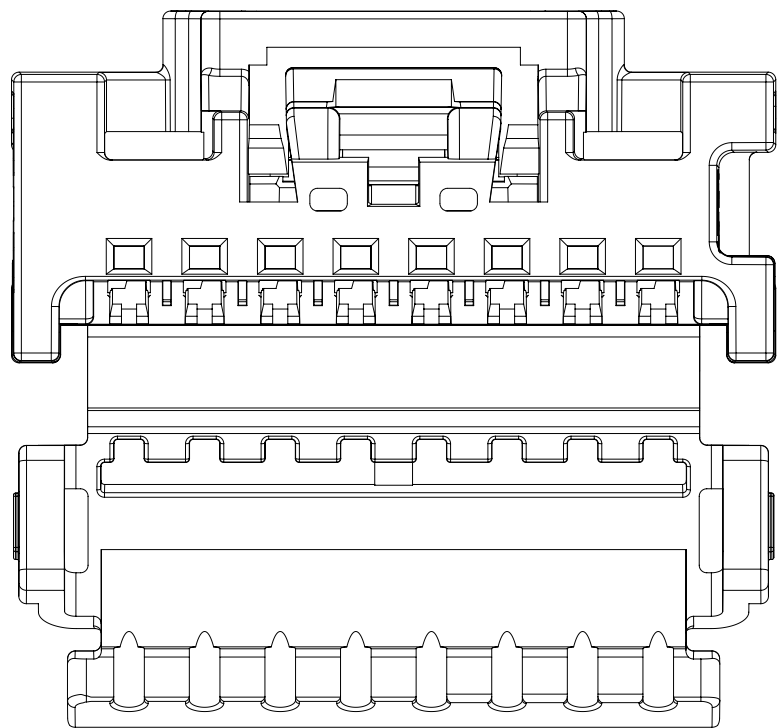
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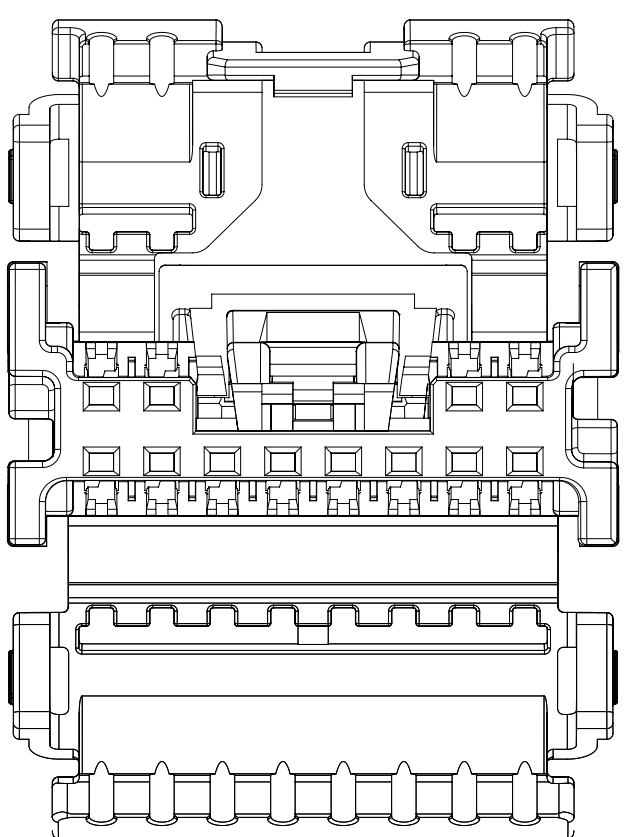
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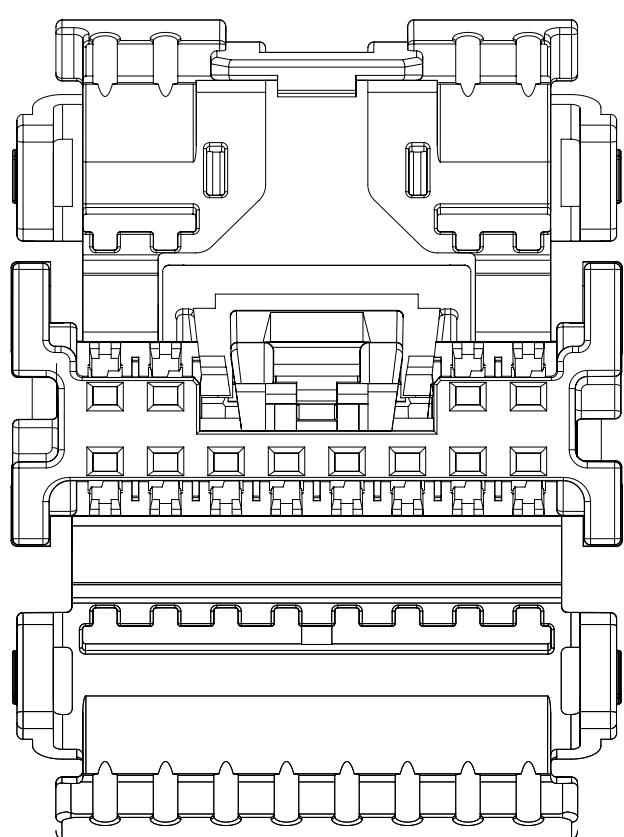
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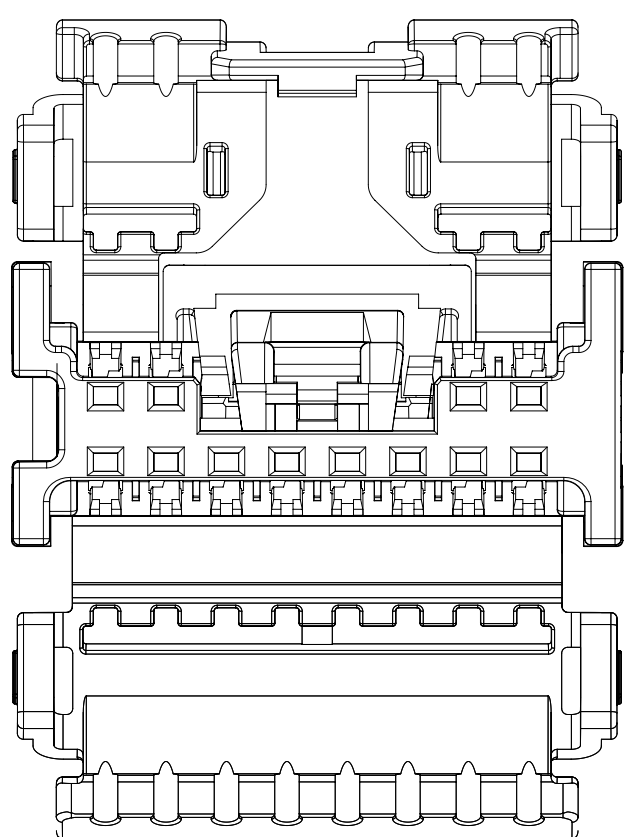
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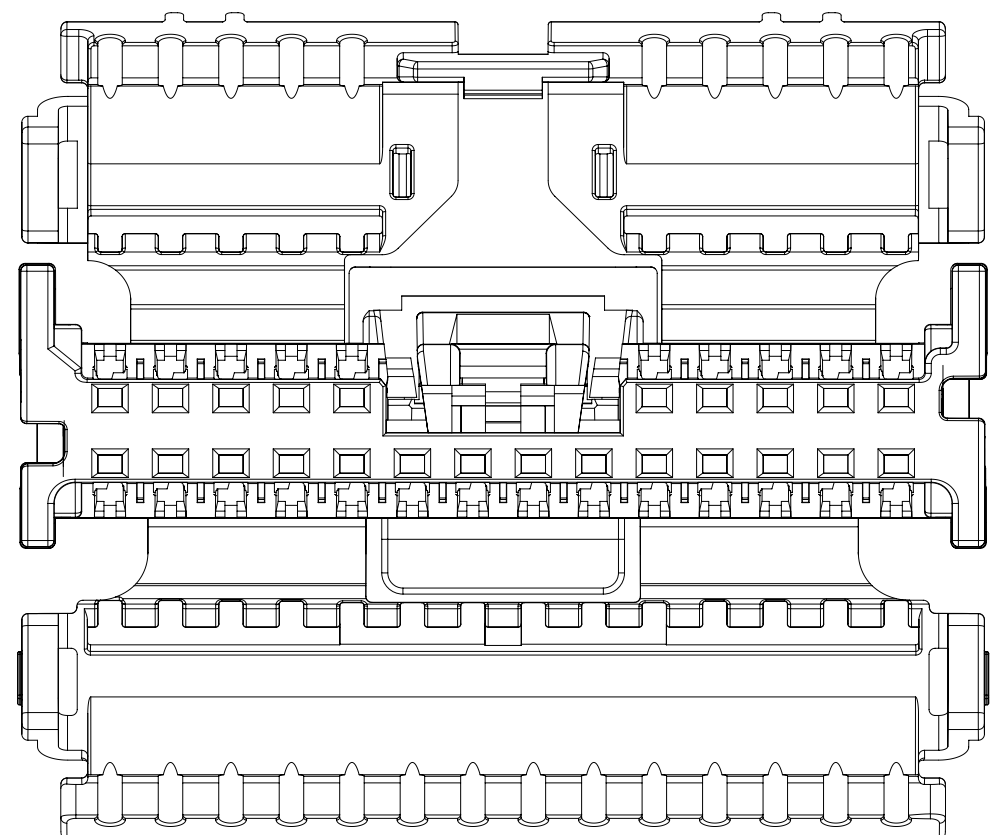
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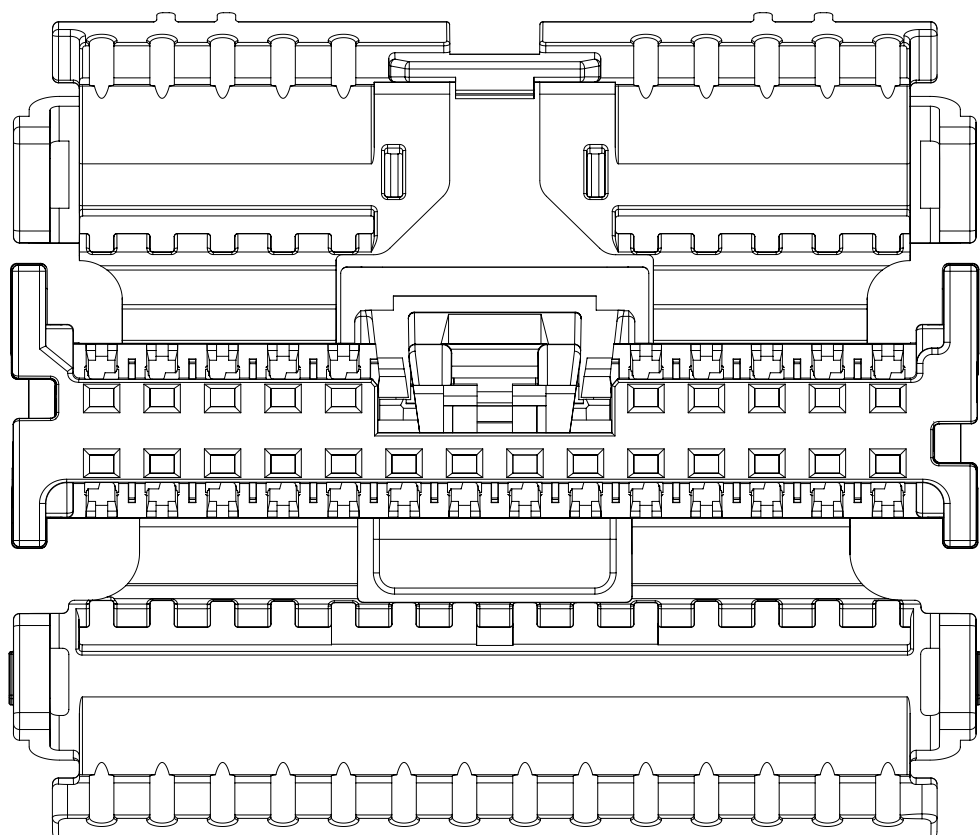
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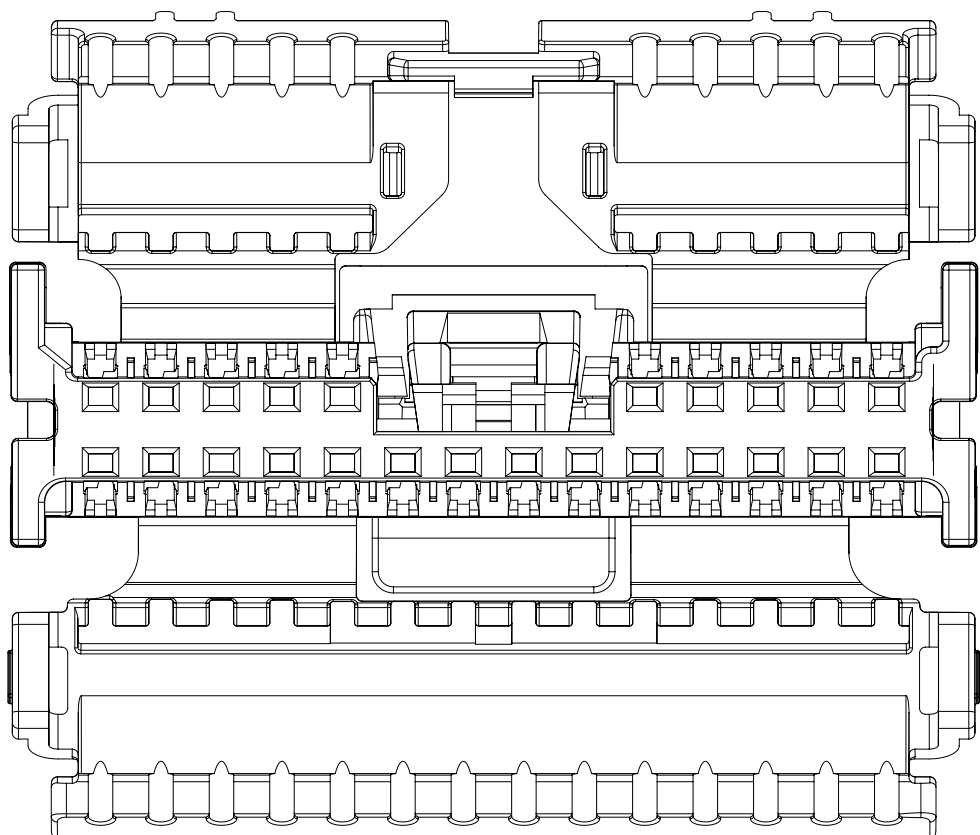
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POLARIZATION OPTION A



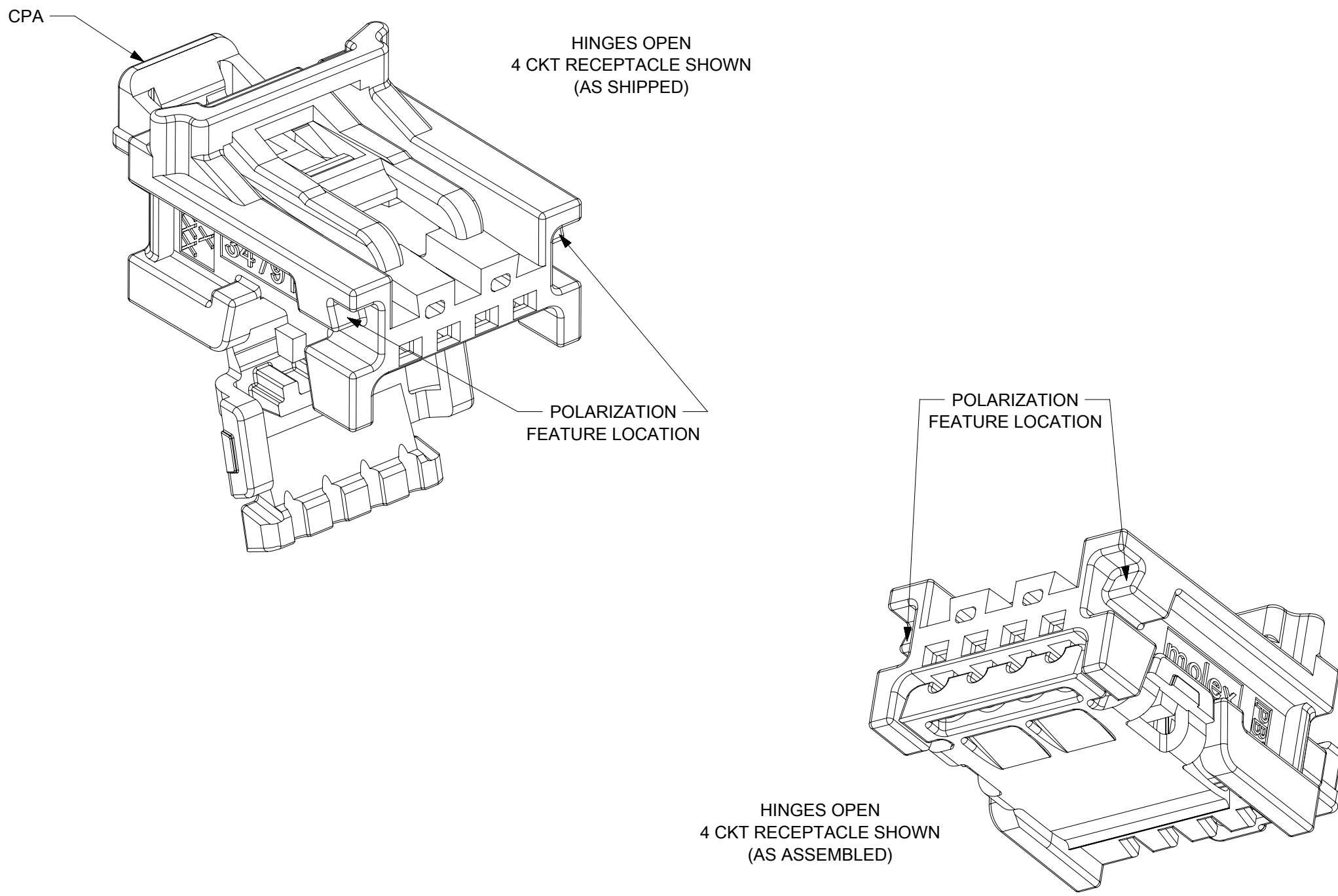
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24 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION C

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.



M5	REMASTERING DRAWING
M2	UPDATED 24 CKT
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: 177384 DRWN: KHEWITT CHKD: KHEWITT REV APPR: JDUNAJ		2018/05/15 2018/05/29 2018/05/29		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE	
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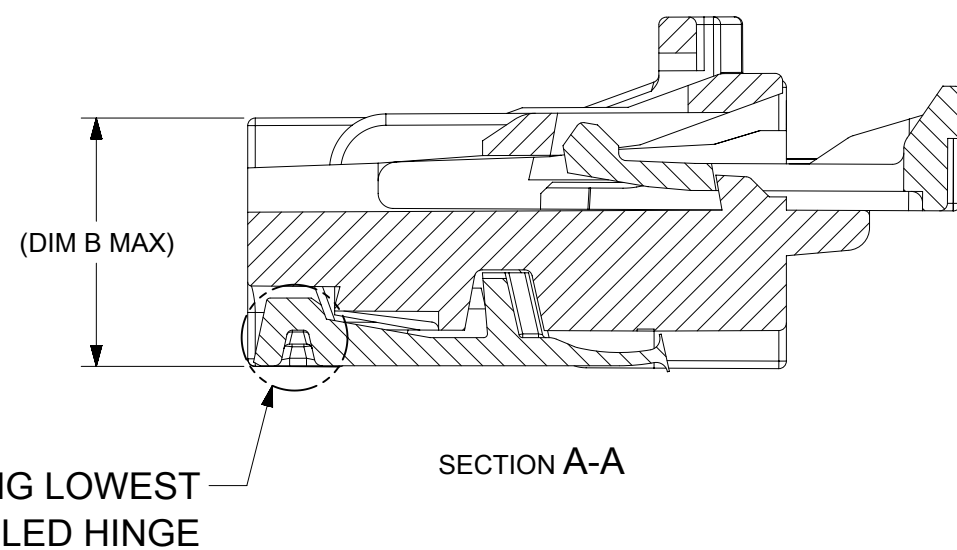
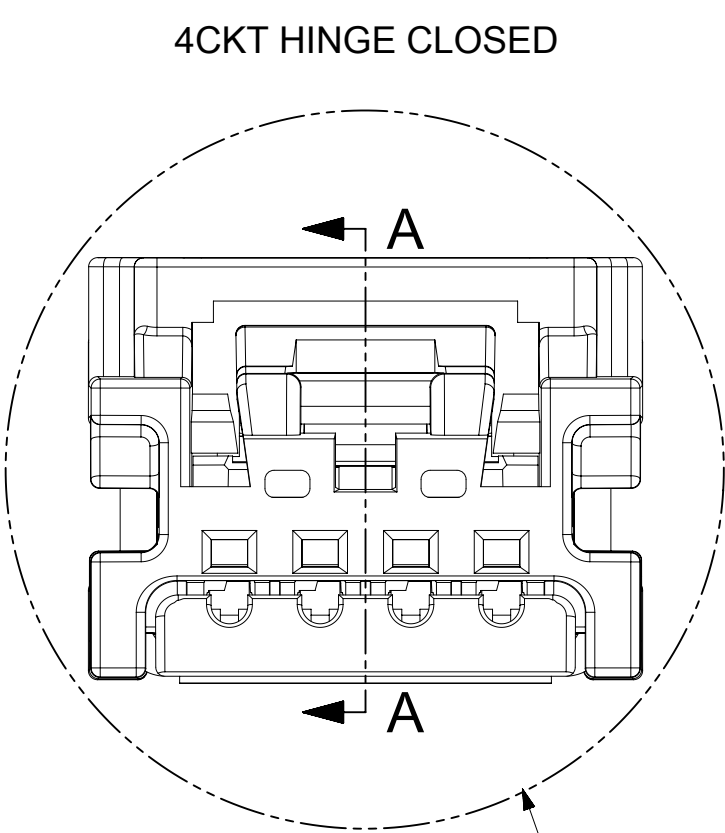
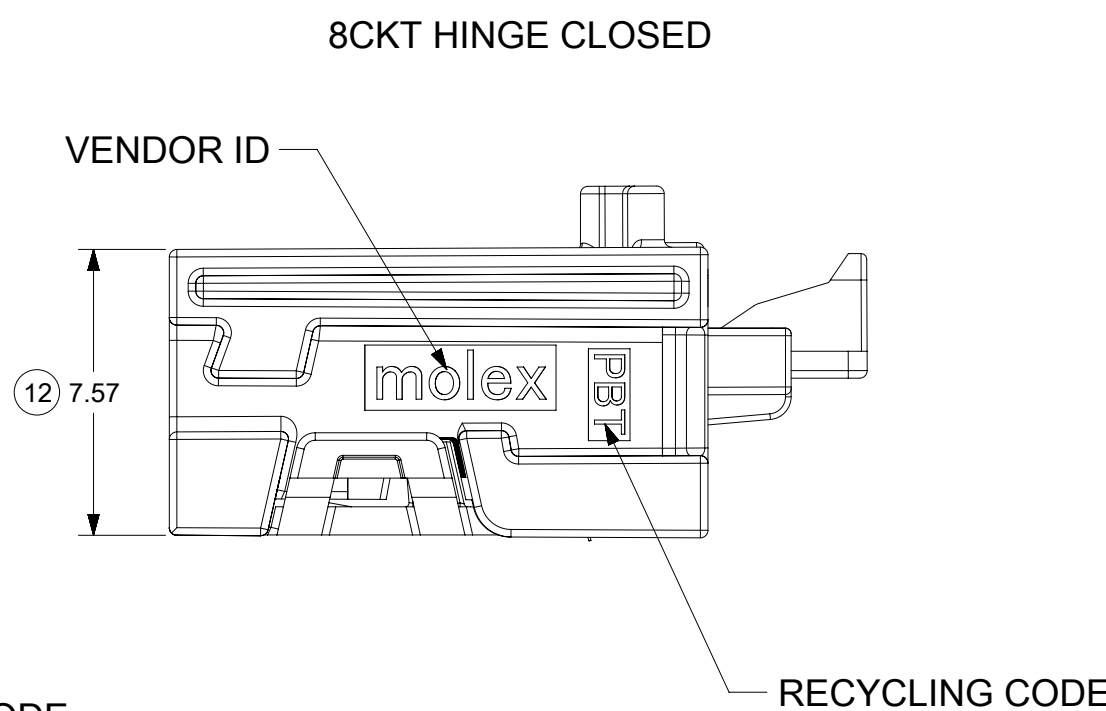
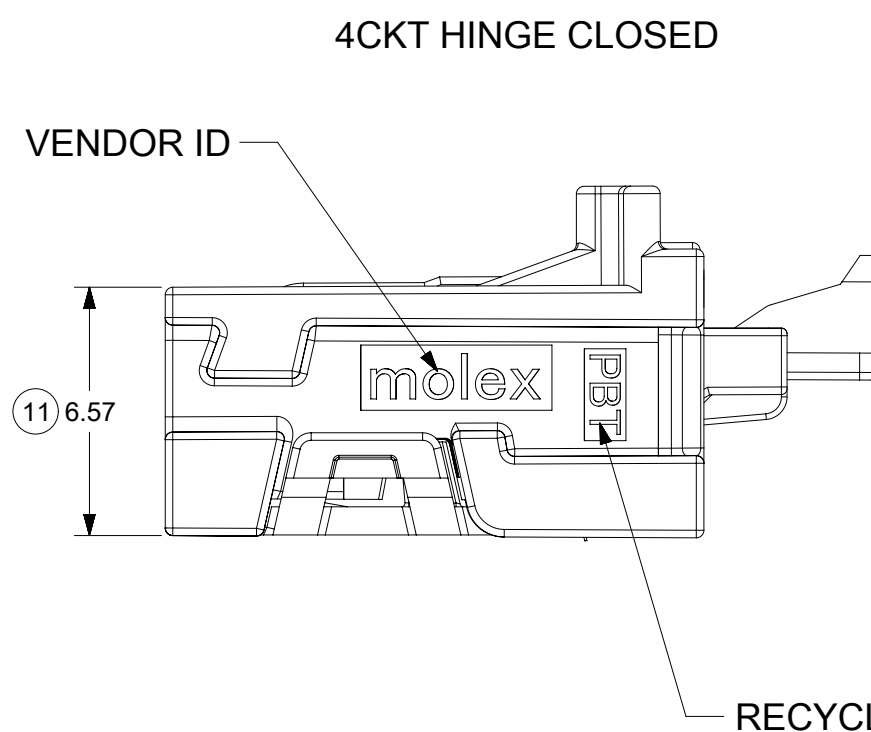
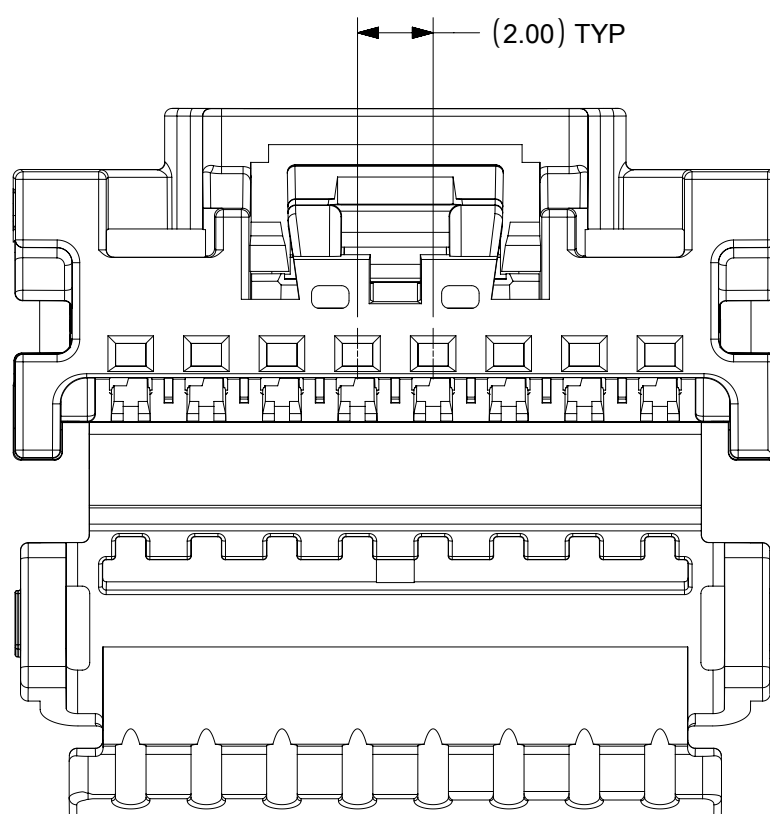
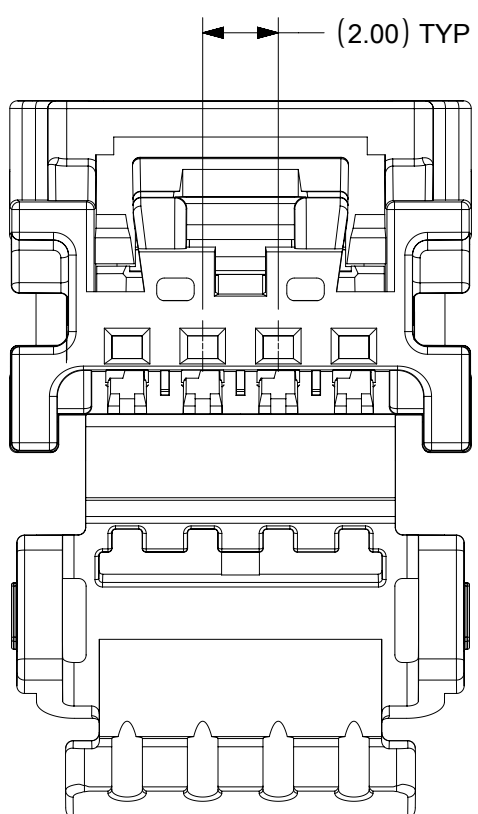
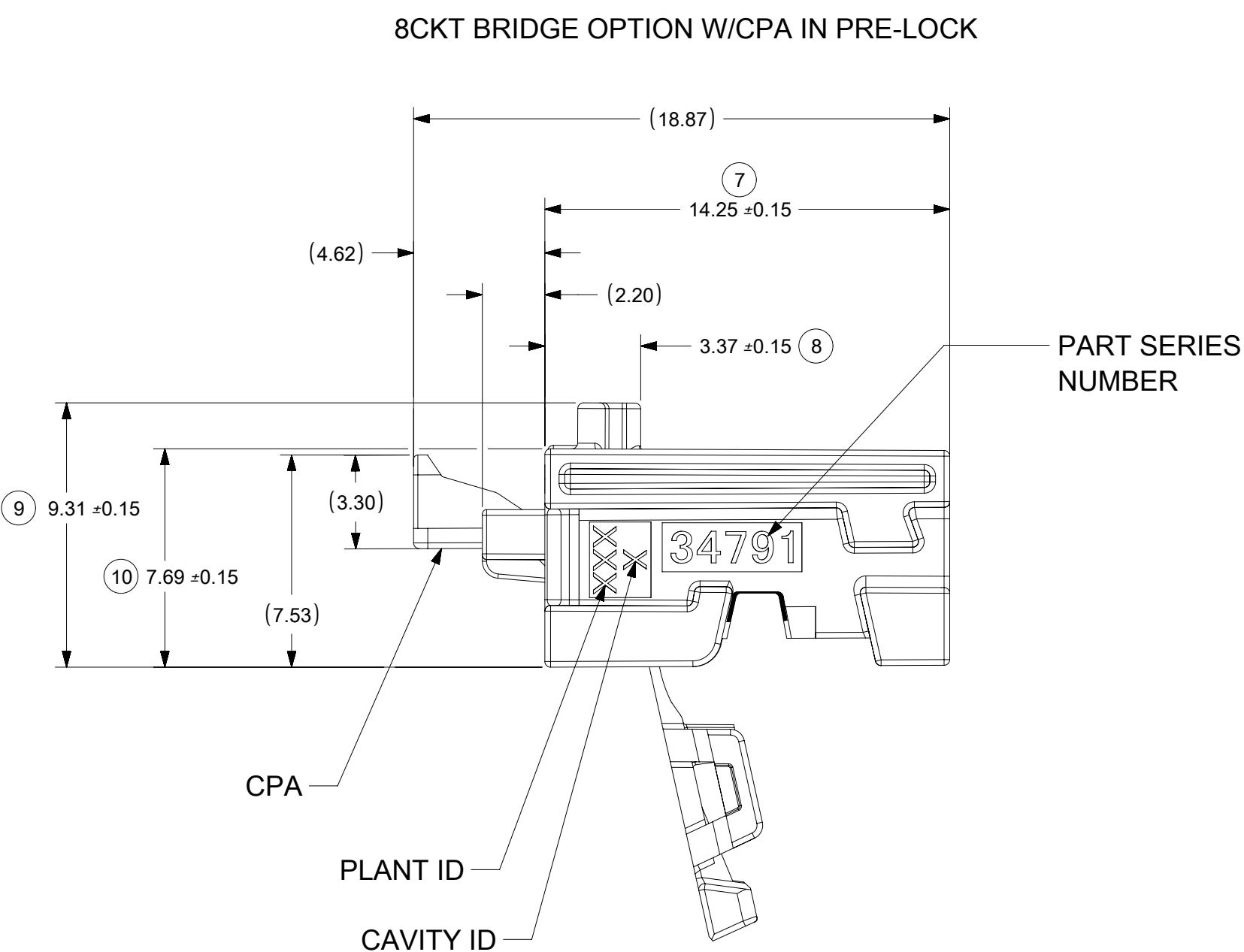
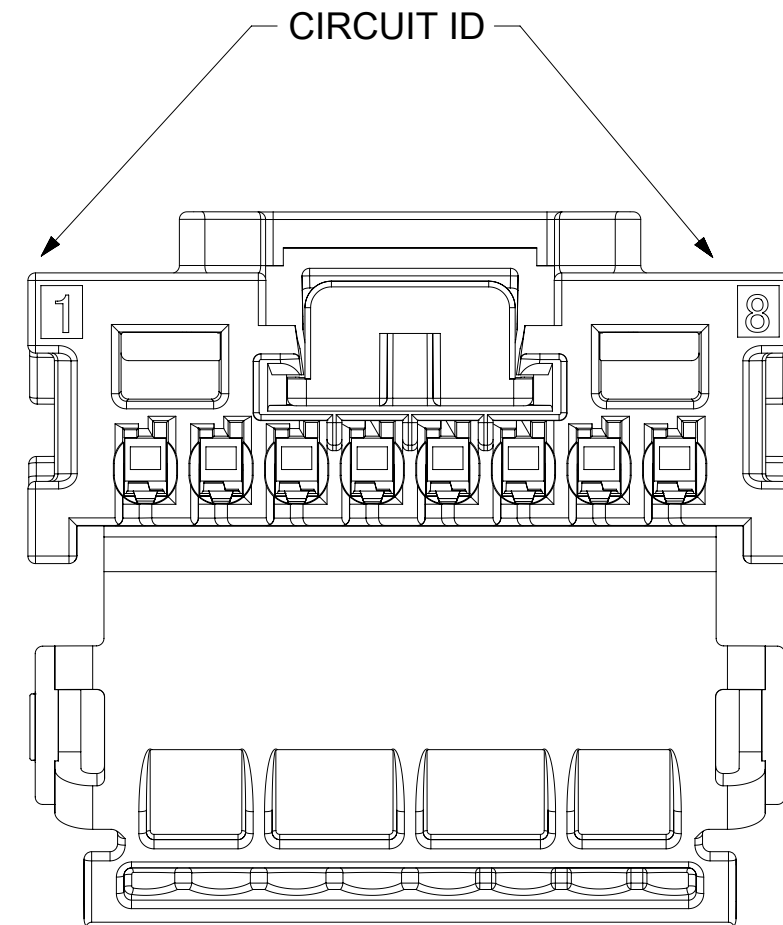
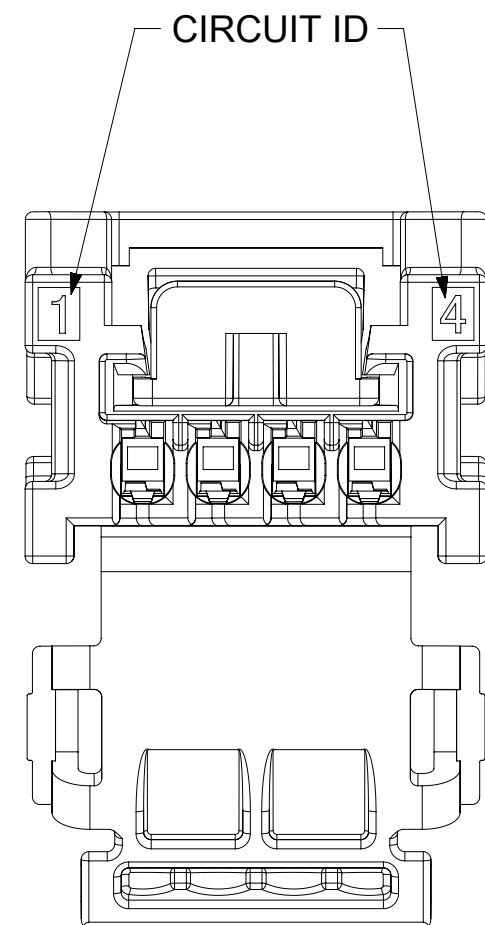
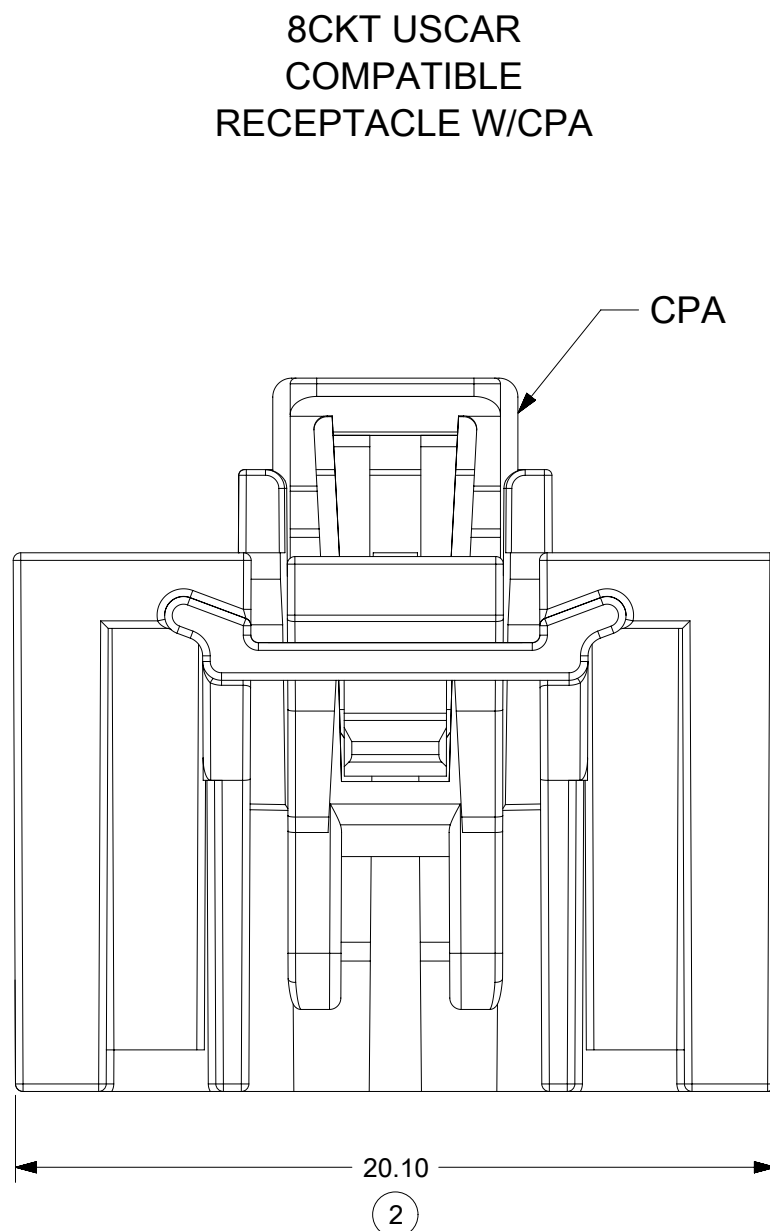
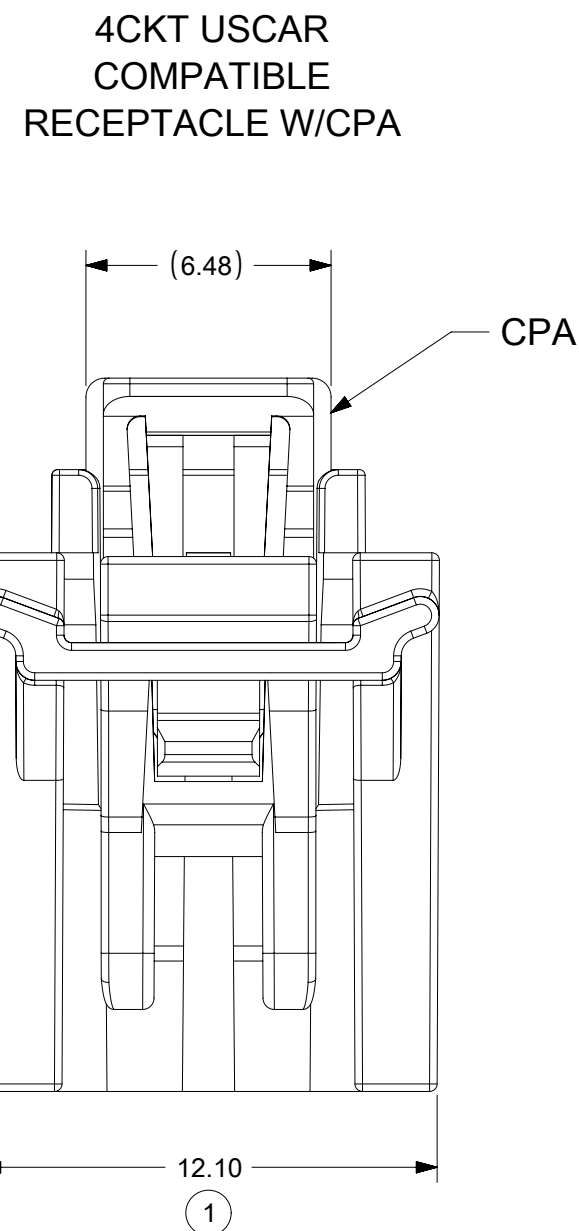
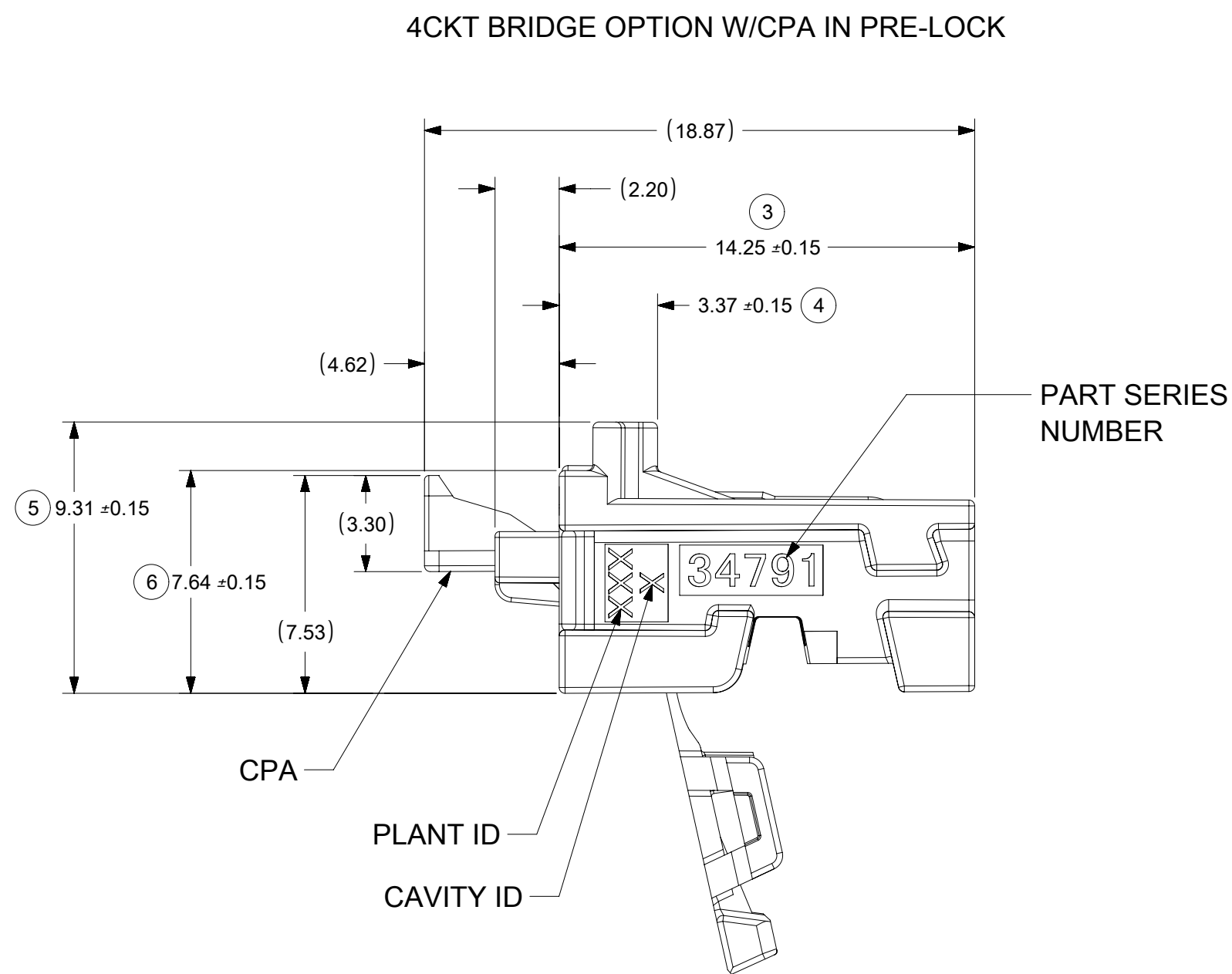
INSPECTION BALLOON NUMBER
PER DRAWING REVISION: M2

LAST BALLOON USED: 21

ADDED BALLOON NUMBERS:

REMOVED BALLOON NUMBERS: 22-33

24CKT POLARIZATIONS SHOWN ARE REPRESENTATIVE FOR 16 AND 20CKT

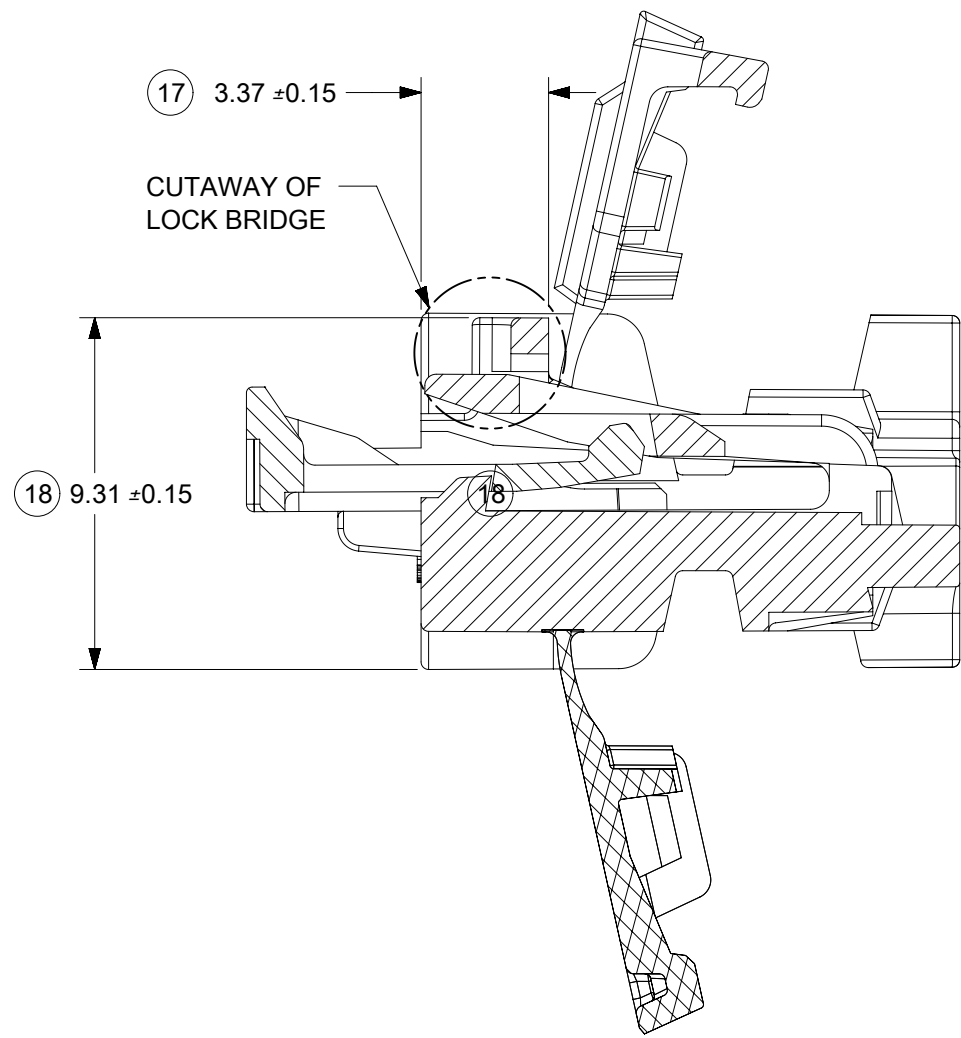


CHARTED DIMENSIONS		
DESCRIPTION	DIMENSION	
	A	B
4 CKT	16.09	6.77
8 CKT	22.52	7.77
12 CKT	23.18	8.47
16 CKT	26.87	8.47
20 CKT	30.65	8.47
24 CKT	34.47	8.47

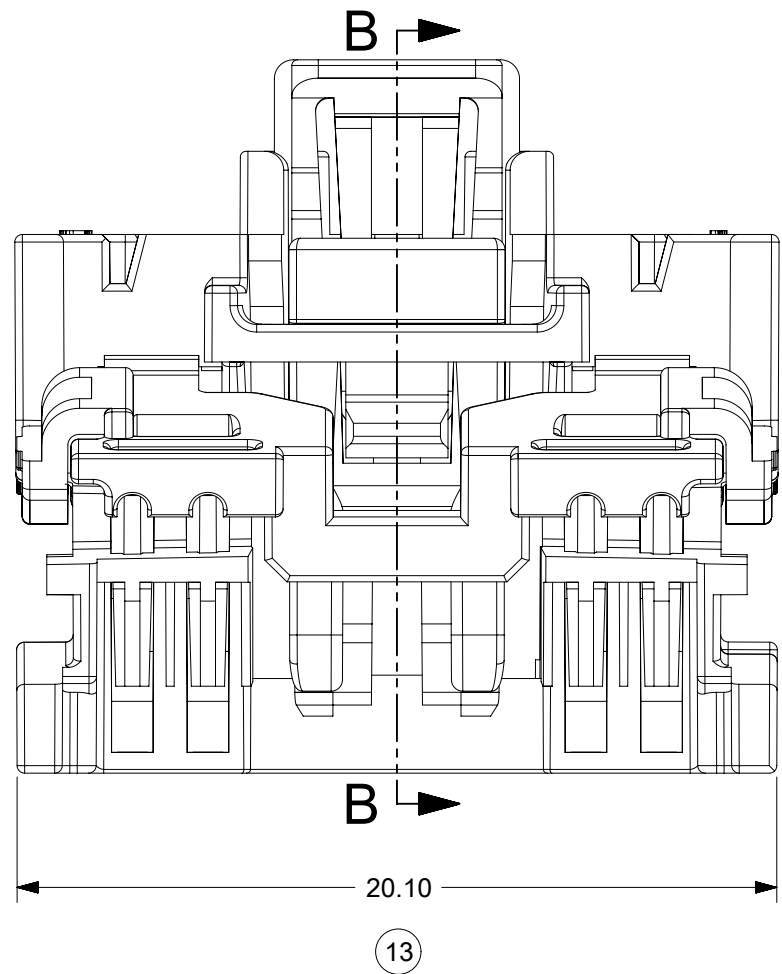
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 177384 DRWN: KHEWITT 2018/05/15 CHK'D: KHEWITT 2018/05/29 APPR: JDUNAJ 2018/05/29 INITIAL REVISION: DRWN: TMACHUGA 2013/10/15 APPR: RBAUMAN 2013/11/13 THIRD ANGLE PROJECTION 			molex MINI 50 SINGLE/DUAL ROW CPA-RECEPTACLE ASSEMBLY SALES DRAWING PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-34824-003 DOC TYPE PSD DOC PART 001 REVISION M5			MATERIAL NUMBER CUSTOMER GENERAL MARKET SHEET NUMBER 2 OF 4	
	mm	5:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
	ANGULAR TOL ± 1.0 °											
	4 PLACES	±										
	3 PLACES	±										
	2 PLACES	± 0.1										
	1 PLACE	± 0.2										
	0 PLACES	±										
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

DOCUMENT STATUS	P1	RELEASE DATE	2018/05/29	22:03:32
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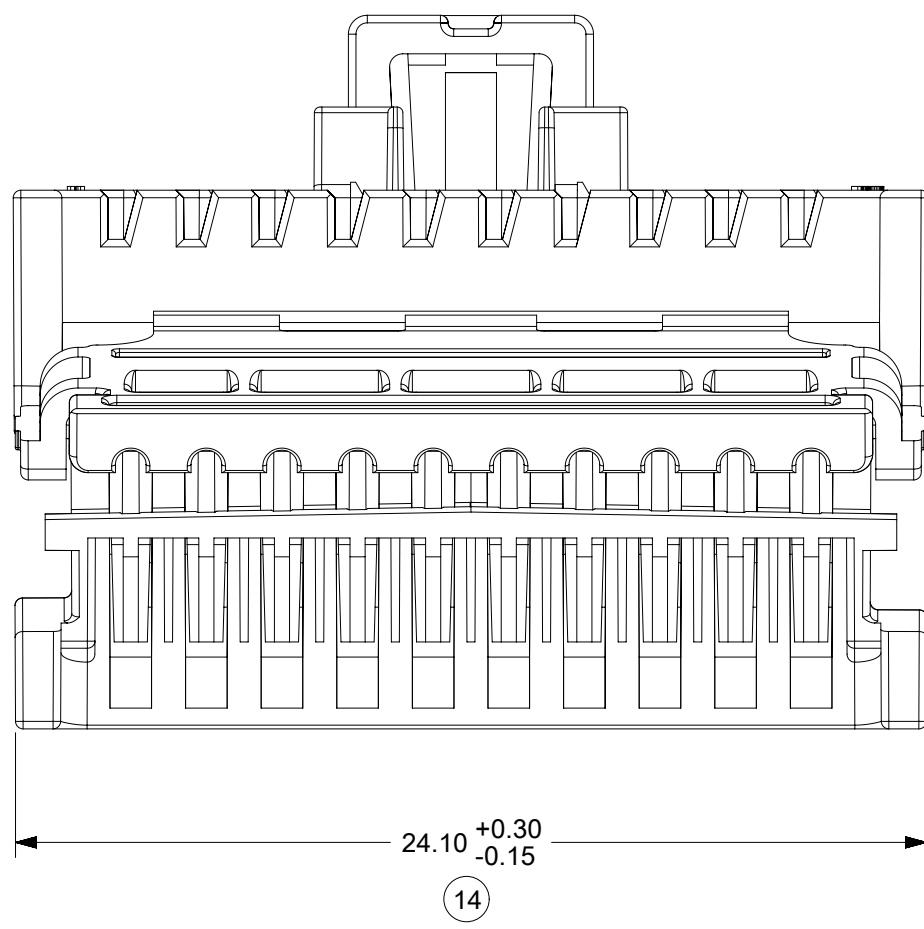
DUAL ROW LOCK BRIDGE OPTION



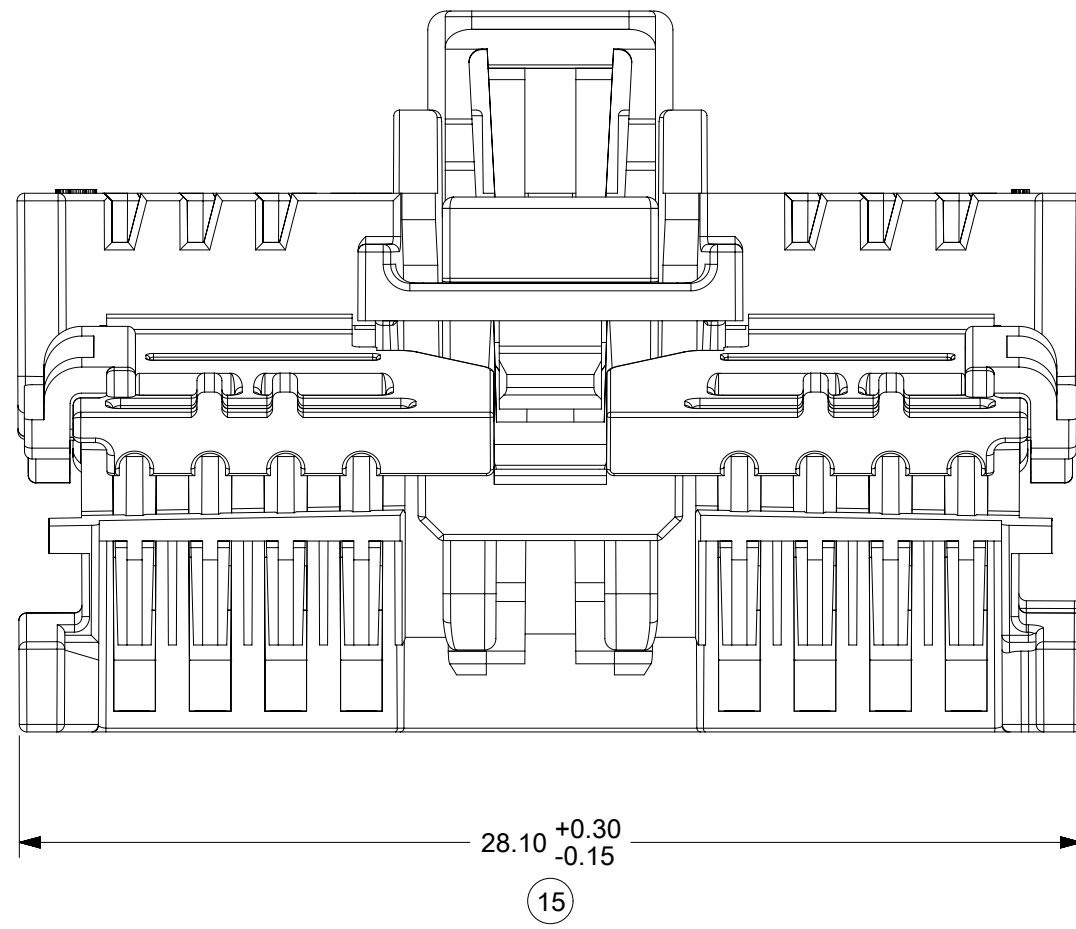
12 CKT USCAR COMPATIBLE
RECEPTACLE W/CPA



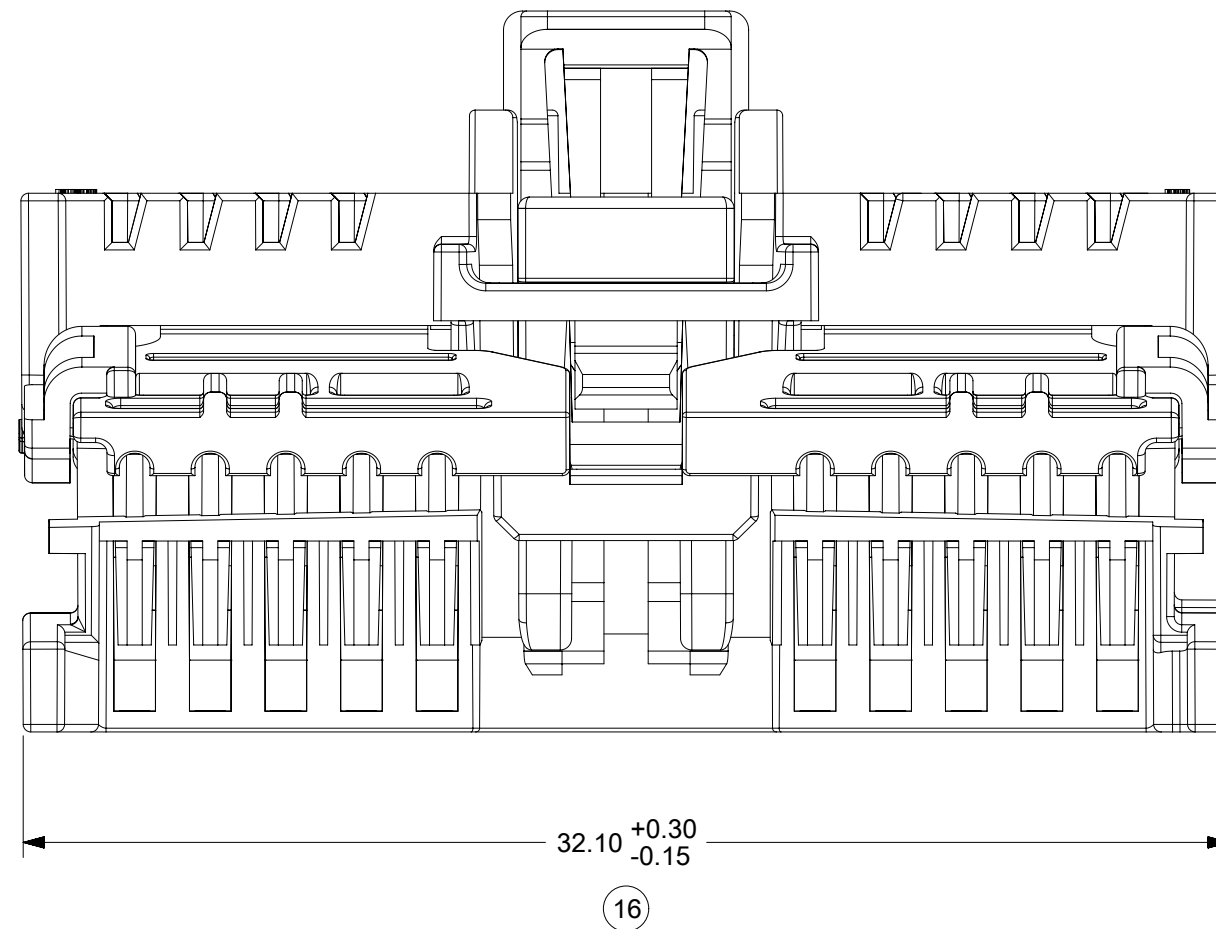
16 CKT USCAR COMPATIBLE
RECEPTACLE W/CPA



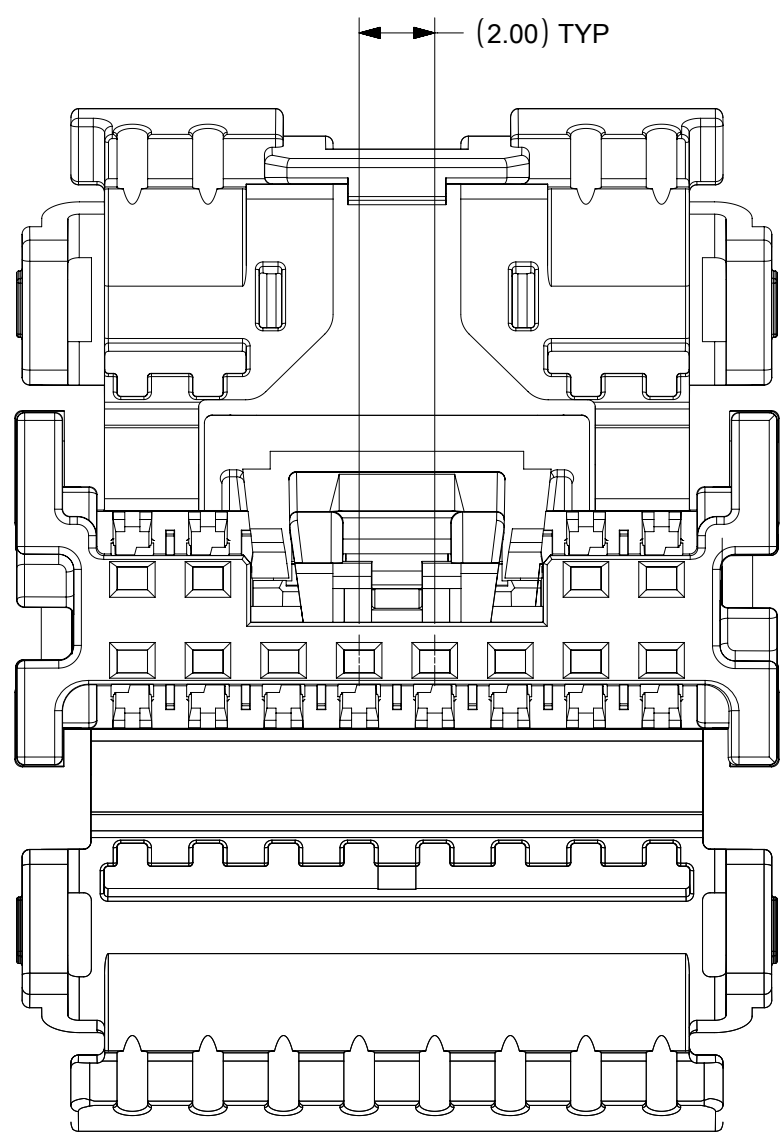
20 CKT USCAR COMPATIBLE
RECEPTACLE W/CPA



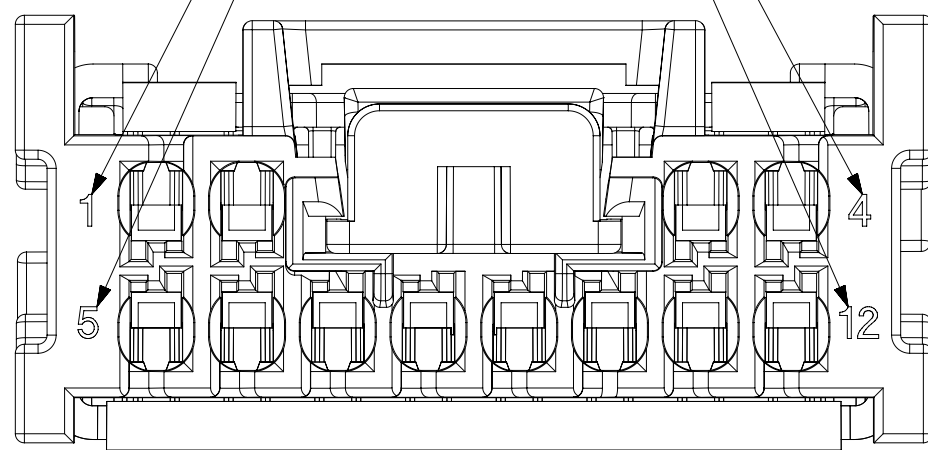
24 CKT USCAR COMPATIBLE
RECEPTACLE W/CPA



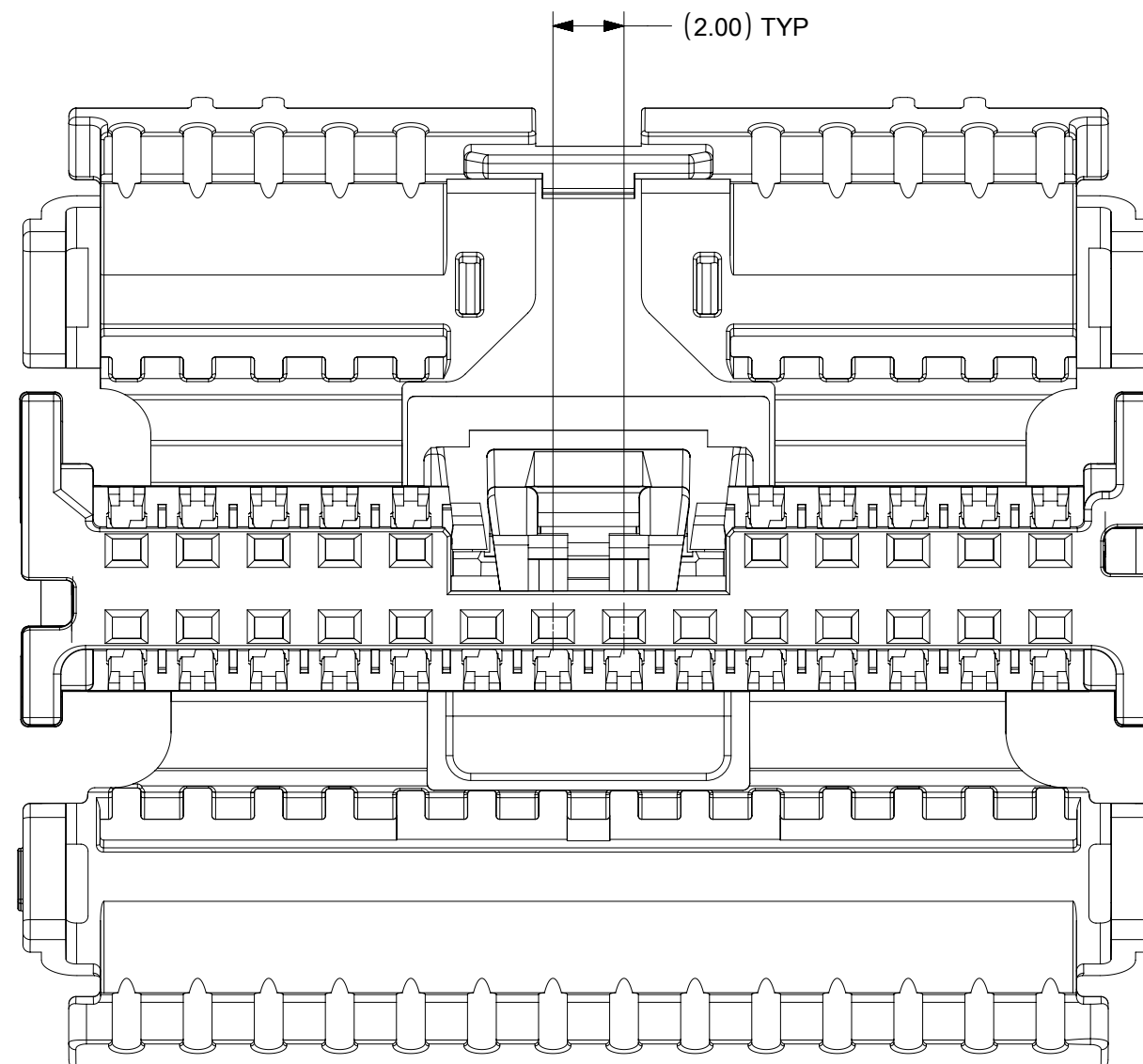
SECTION B-B



CIRCUIT ID

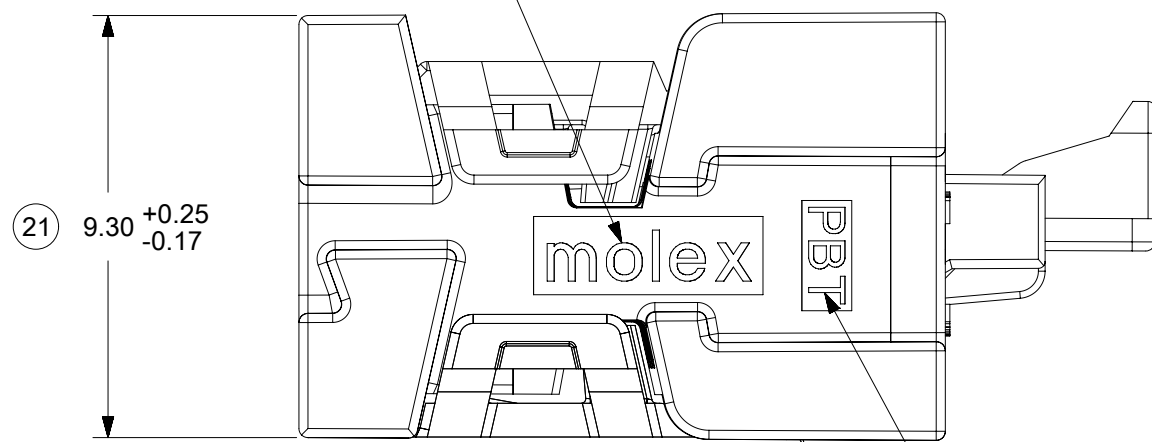


(2.00) TYP

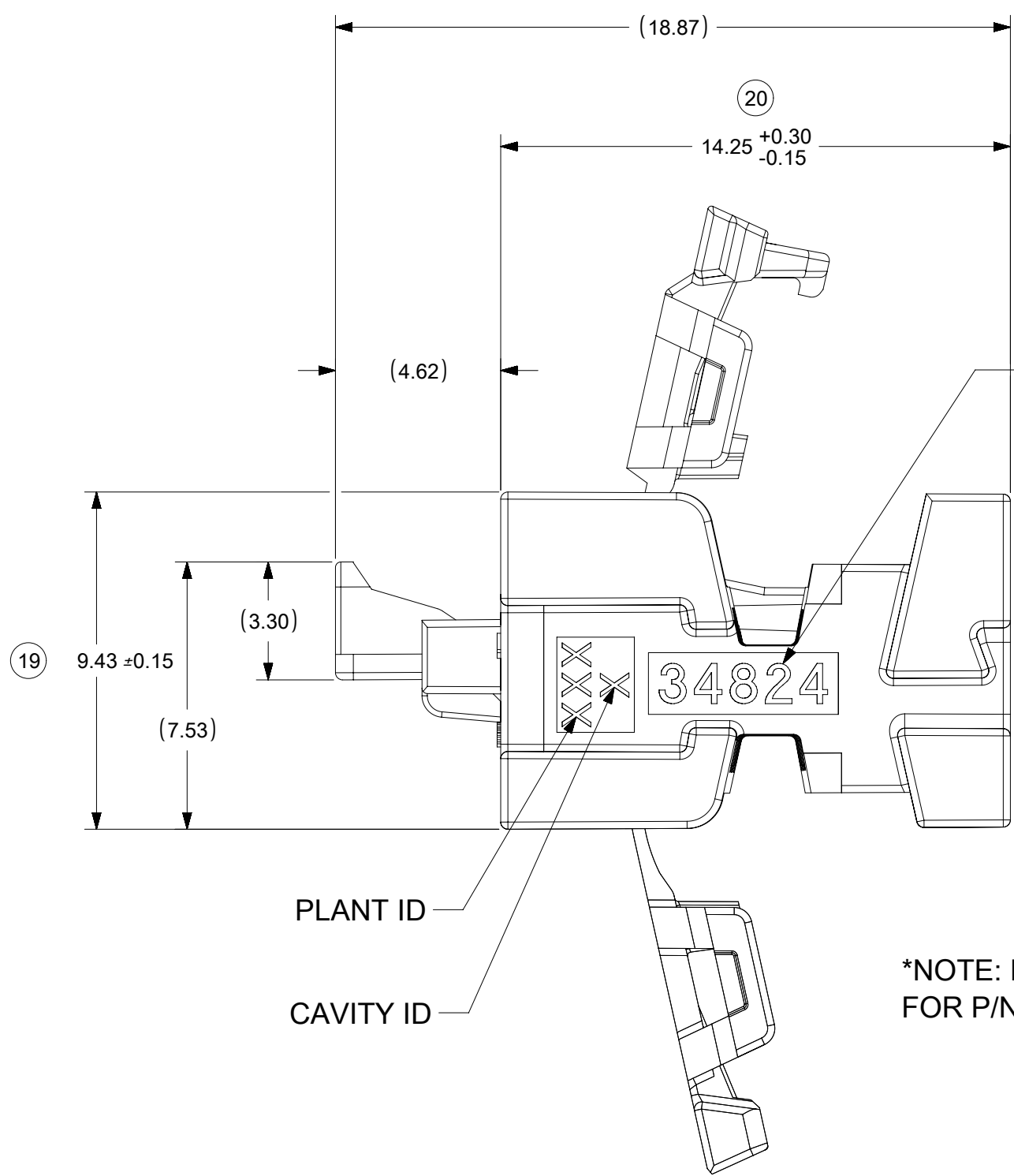


HINGES CLOSED

VENDOR ID



RECYCLING CODE



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

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: EC NO: 177384 DRWN: KHEWITT 2018/05/15 CHK'D: KHEWITT 2018/05/29 APPR: JDUNAJ 2018/05/29 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																		
	GENERAL TOLERANCES (UNLESS SPECIFIED)												PRODUCT CUSTOMER DRAWING								
	ANGULAR TOL ± 1.0 °																				
	4 PLACES		±										DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION		
	3 PLACES		±										SD-34824-003				PSD	001	M5		
	2 PLACES		± 0.1																		
	1 PLACE		± 0.2										MATERIAL NUMBER				CUSTOMER				SHEET NUMBER
	0 PLACES		±																		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								THIRD ANGLE PROJECTION		DRAWING		SERIES		GENERAL MARKET				3 OF 4		
				A1-SIZE		34824															

DOCUMENT STATUS	P1	RELEASE DATE	2018/05/29 22:03:32
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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
34824-5124	13507121	USCAR	ECOPAXX	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
34824-2164	N/A	USCAR		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
34824-2160	N/A	USCAR	PBT	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 (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

SYMBOLS

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▽ = 0

▽ = 0

▽ = 0

▽ = 0

▽ = 0

▽ = 0

▽ = 0

▽ = 0

▽ = 0

DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL ± 1.0°

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.1

1 PLACE ± 0.2

0 PLACES ±

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 177384

DRWN: KHEWITT 2018/05/15

CHK'D: KHEWITT 2018/05/29

APPR: JDUNAJ 2018/05/29

INITIAL REVISION:

DRWN: TMACHUGA 2013/10/15

APPR: RBAUMAN 2013/11/13

THIRD ANGLE PROJECTION

DRAWING

SERIES

A1-SIZE

34824

DOCUMENT NUMBER

SD-34824-003

DOC TYPE

PSD

DOC PART

001

REVISION

M5

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

GENERAL MARKET

4 OF 4

18

17

16

15

14

13

12

11

10

9

8

7

6

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1