

[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 the label "HINGES CLOSED". The drawing shows a cross-section of the connector with dimensions and labels. The dimensions are 9.30 (+0.25/-0.17). Labels include "VENDOR ID", "RECYCLING CODE", and "molex".

(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 14.

OPTIONAL LOCK BRIDGE

This technical drawing shows a side view of a bridge structure. It features a central section labeled "OPTIONAL LOCK BRIDGE" with a downward-pointing arrow. The bridge has a series of supports or piers along its length. The entire structure is enclosed within a large circle, with an arrow pointing to the bottom-left edge of the circle.

OPTIONAL LOCK
BRIDGE

28.10 $^{+0.30}_{-0.15}$

16

Diagram illustrating a bridge configuration with hinges closed and an optional lock bridge. The diagram shows a cross-section of a bridge structure with multiple hinges. The text "HINGES CLOSED" and "(BRIDGED/NON-BRIDGED)" is at the top. The text "OPTIONAL LOCK BRIDGE" is in the center, with an arrow pointing to a central locking mechanism.

OPTIONAL LOCK
BRIDGE

(2.00) TYP

HINGES CLOSED
(BRIDGED/NON-BRIDGE)

OPTIONAL LOCK
BRIDGE

OPTIONAL LOCK
BRIDGE

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
34824-0124	NO	USCAR COMPATIBLE	12	A	BLACK	34897-8120	34897-9120	34825-0124	34825-9124	34826-0124	34826-9124
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
34824-0200	NO	USCAR COMPATIBLE	20	A	BLACK	34897-8200	34897-9200	34825-0200	34825-9200	34826-0200	34826-9200
34824-0201	NO	USCAR COMPATIBLE	20	B	GRAY	34897-8201	34897-9201	34825-0201	34825-9201	34826-0201	34826-9201
34824-0202	NO	USCAR COMPATIBLE	20	C	DARK GRAY	34897-8202	34897-9202	34825-0202	34825-9202	34826-0202	34826-9202
34824-1200	YES	USCAR COMPATIBLE	20	A	BLACK	34897-8200	34897-9200	34825-0200	34825-9200	34826-0200	34826-9200
34824-1201	YES	USCAR COMPATIBLE	20	B	GRAY	34897-8201	34897-9201	34825-0201	34825-9201	34826-0201	34826-9201
34824-1202	YES	USCAR COMPATIBLE	20	C	DARK GRAY	34897-8202	34897-9202	34825-0202	34825-9202	34826-0202	34826-9202
34824-0240	NO	USCAR COMPATIBLE	24	A	BLACK	34897-8240	34897-9240	34825-0240	34825-9240	34826-0240	34826-9240
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
34824-1240	YES	USCAR COMPATIBLE	24	A	BLACK	34897-8240	34897-9240	34825-0240	34825-9240	34826-0240	34826-9240
34824-1241	YES	USCAR COMPATIBLE	24	B	GRAY	34897-8241	34897-9241	34825-0241	34825-9241	34826-0241	34826-9241
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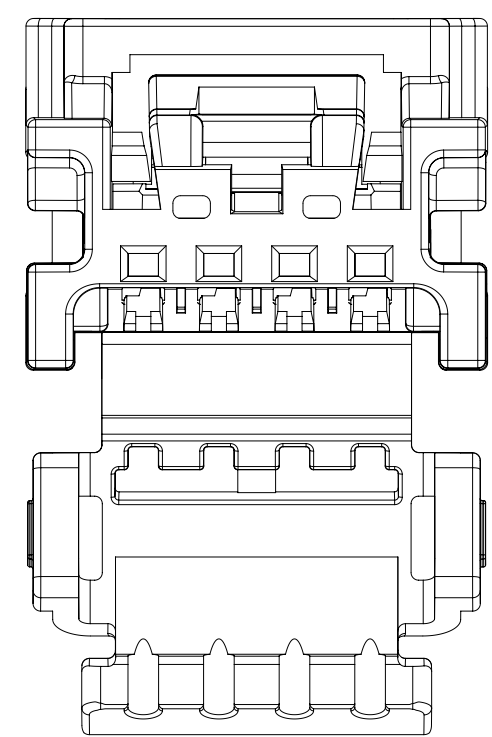
ECOPAXX RECEPTACLES

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

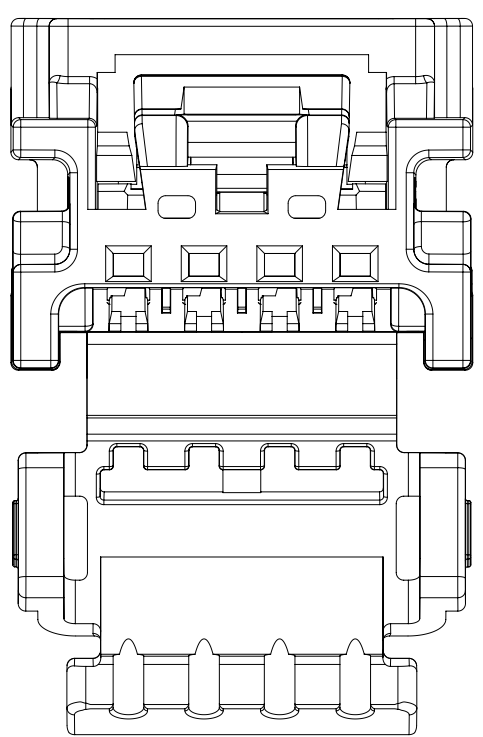
CTX50 UNSEALED RECEPTACLE TERMINALS

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

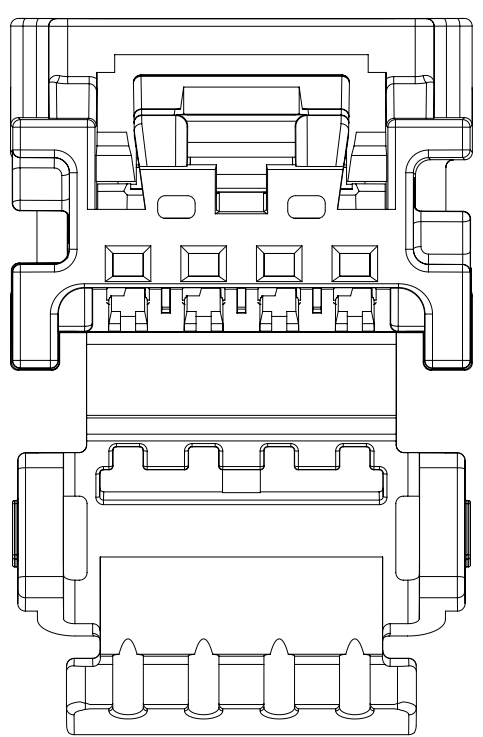
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	= 0			MM ONLY		1:1									
	= 0			ANGULAR TOL ± °		DRWN BY		DATE		MINI50 DUAL ROW RECEPTACLE SALES DRAWING					
	= 0			4 PLACES ±		TCUCU		2011/03/10							
	= 0			3 PLACES ±		CHK'D BY		DATE							
	= 0			2 PLACES ± 0.1		TMACHUGA		2011/03/11							
	= 0			1 PLACE ± 0.2		APPR BY		DATE							
	= 0			0 PLACES ±		SMARCEAU		2012/05/21							
	= 0			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER	
	= 0			REV		E				34824		SEE TABLE		GENERAL MARKET	
	= 0							DOCUMENT NUMBER		DOC TYPE		DOC PART			
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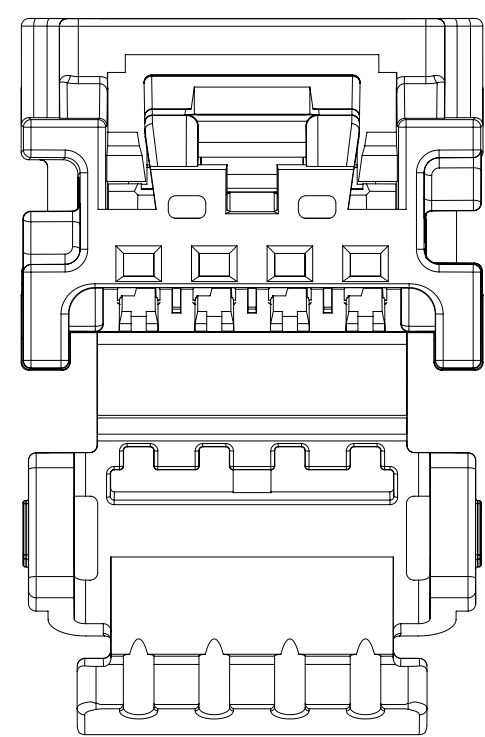
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POLARIZATION OPTION A



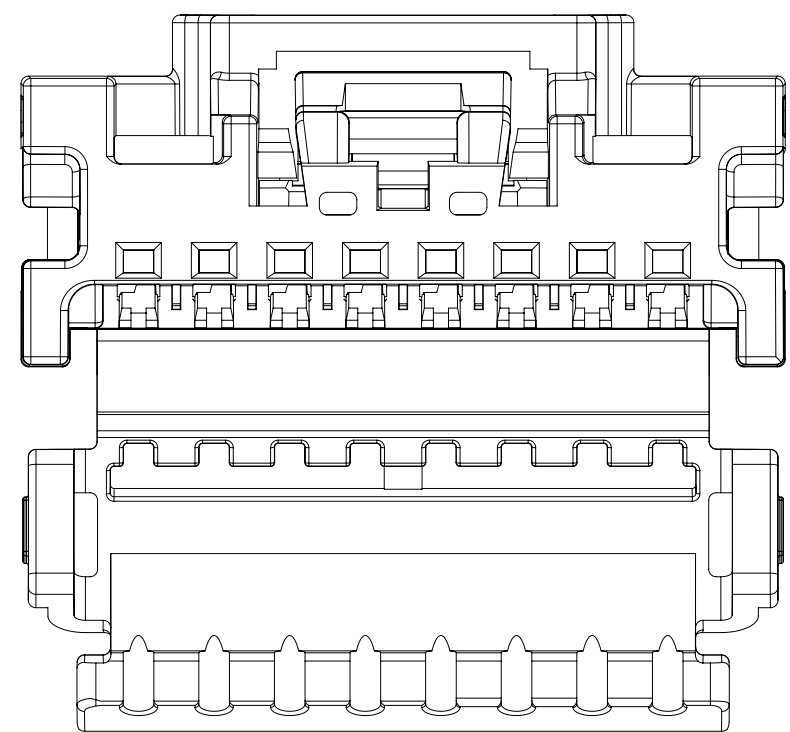
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POLARIZATION OPTION B



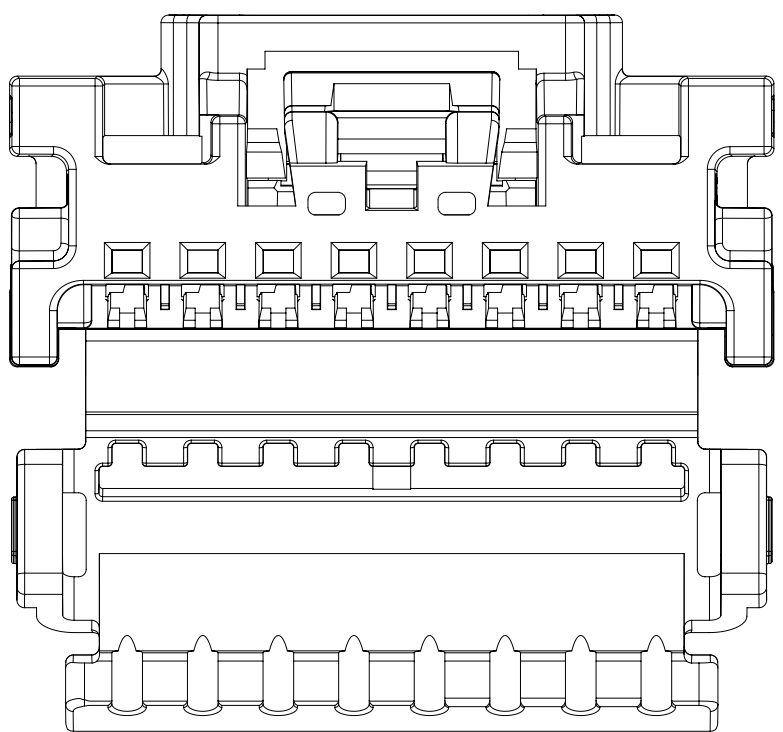
4 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION C



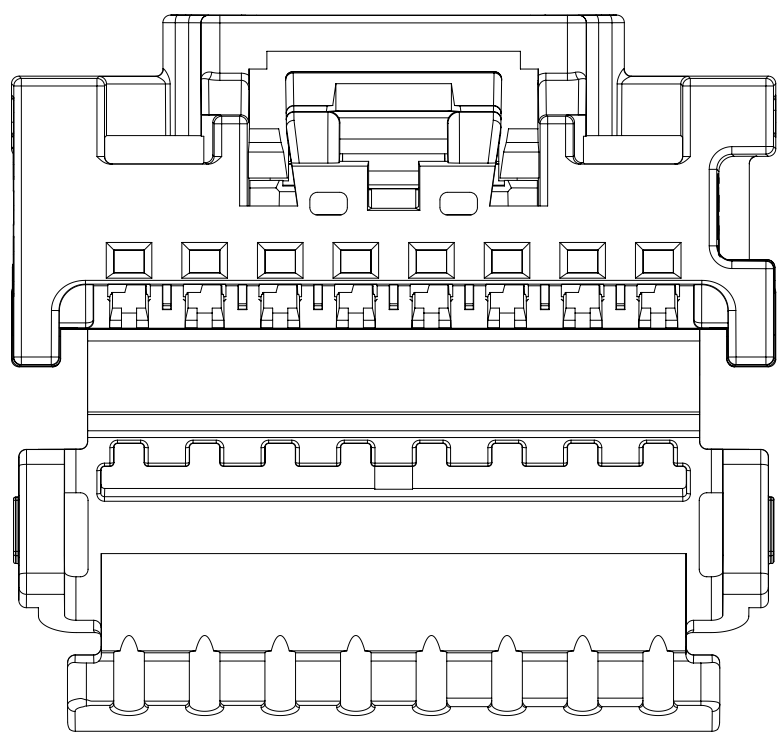
4 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION D



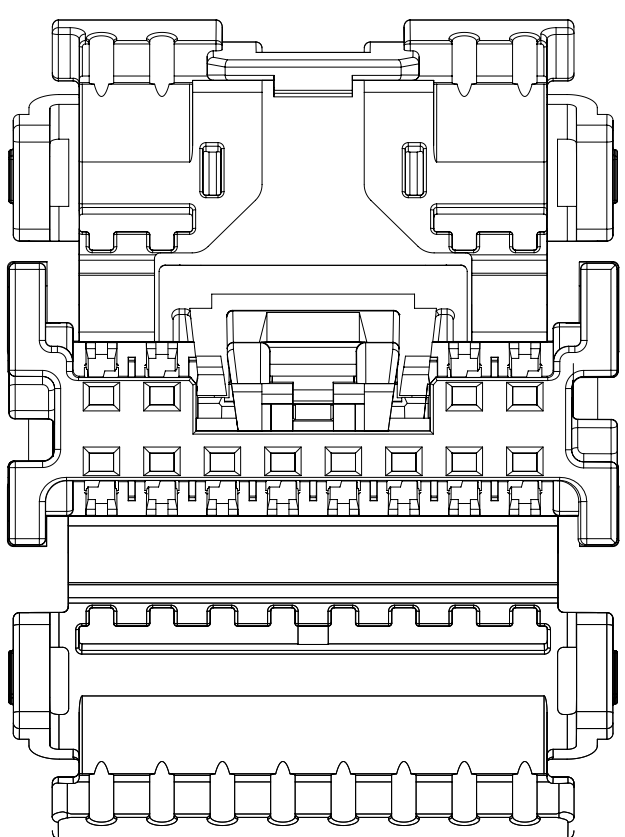
8 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION A



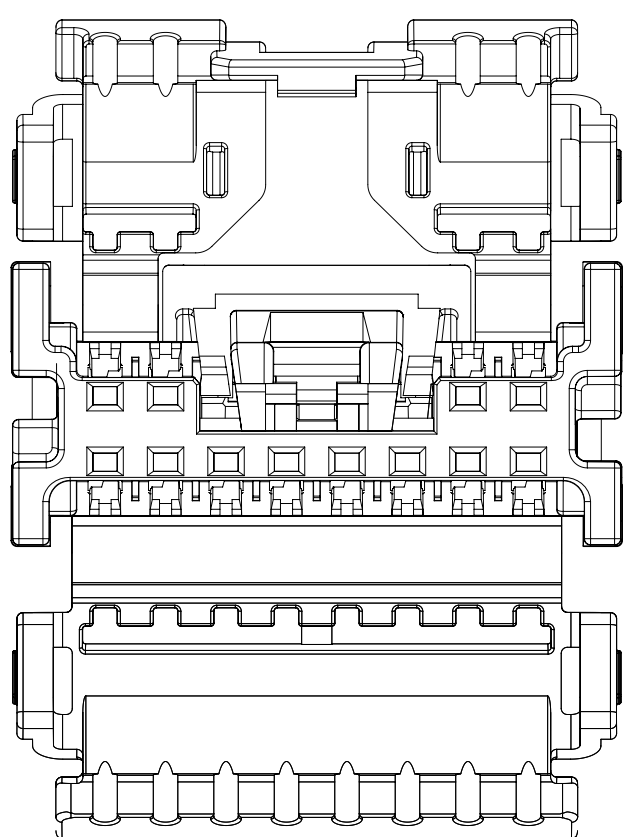
8 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION B



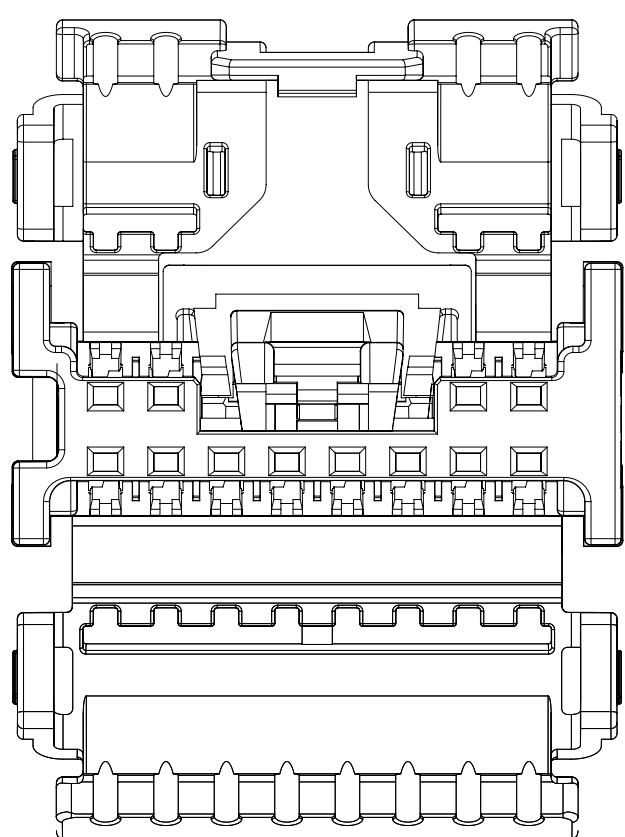
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POLARIZATION OPTION C



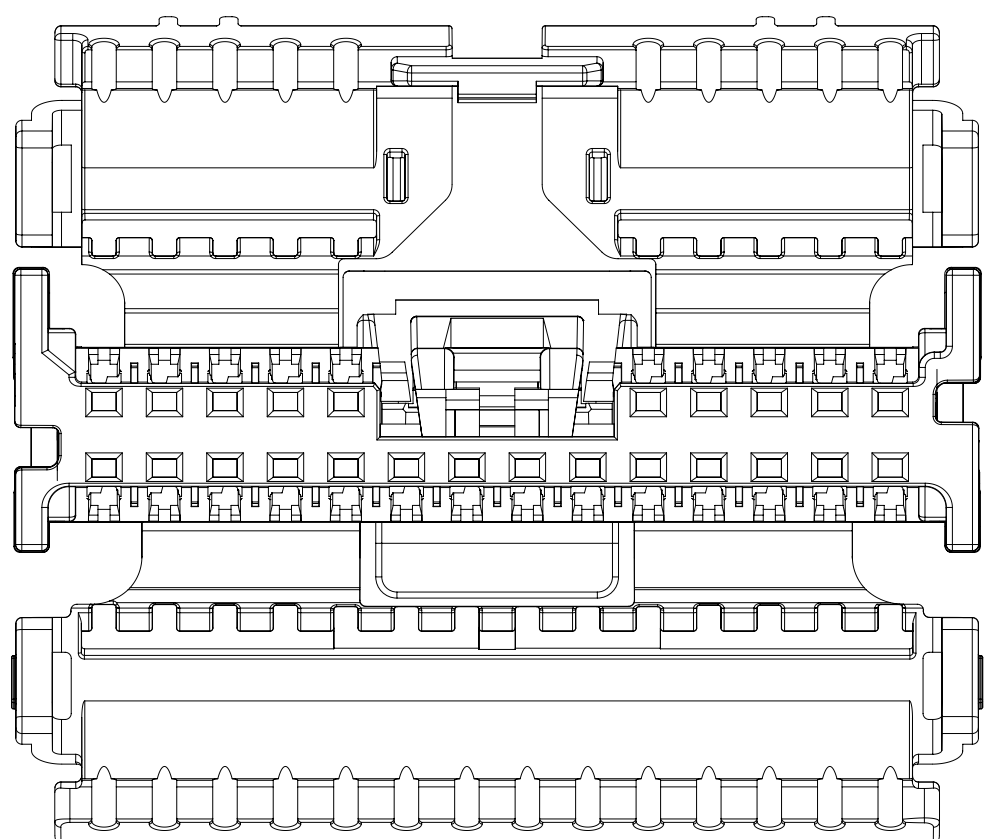
12 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION A



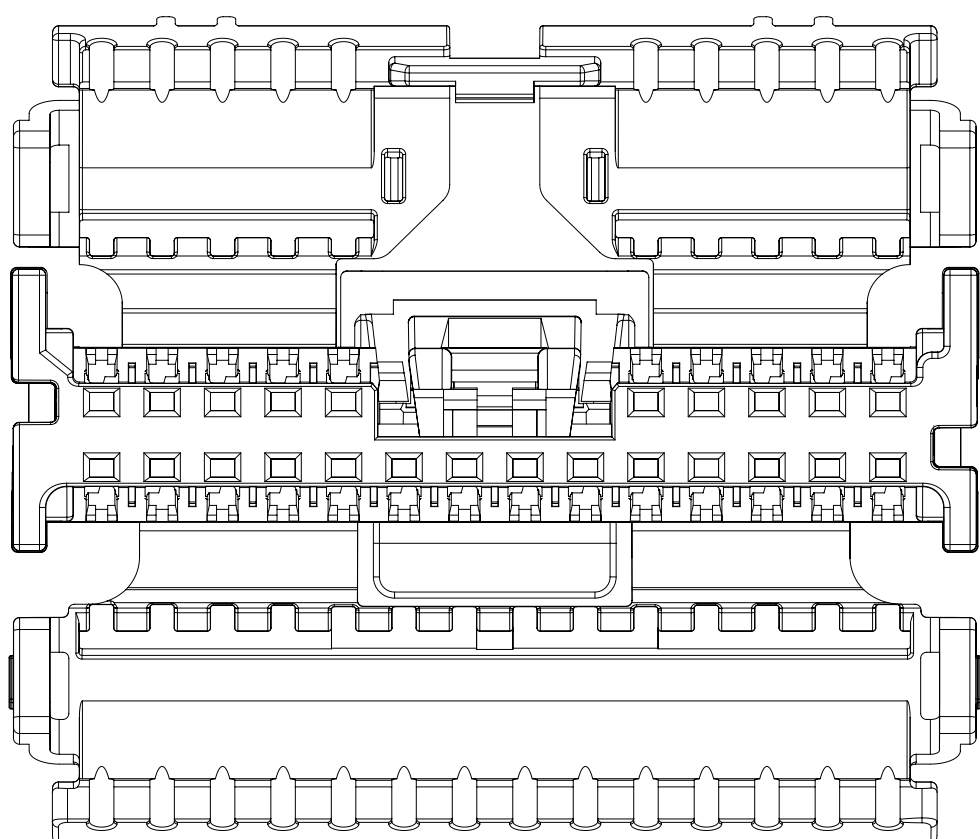
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POLARIZATION OPTION B



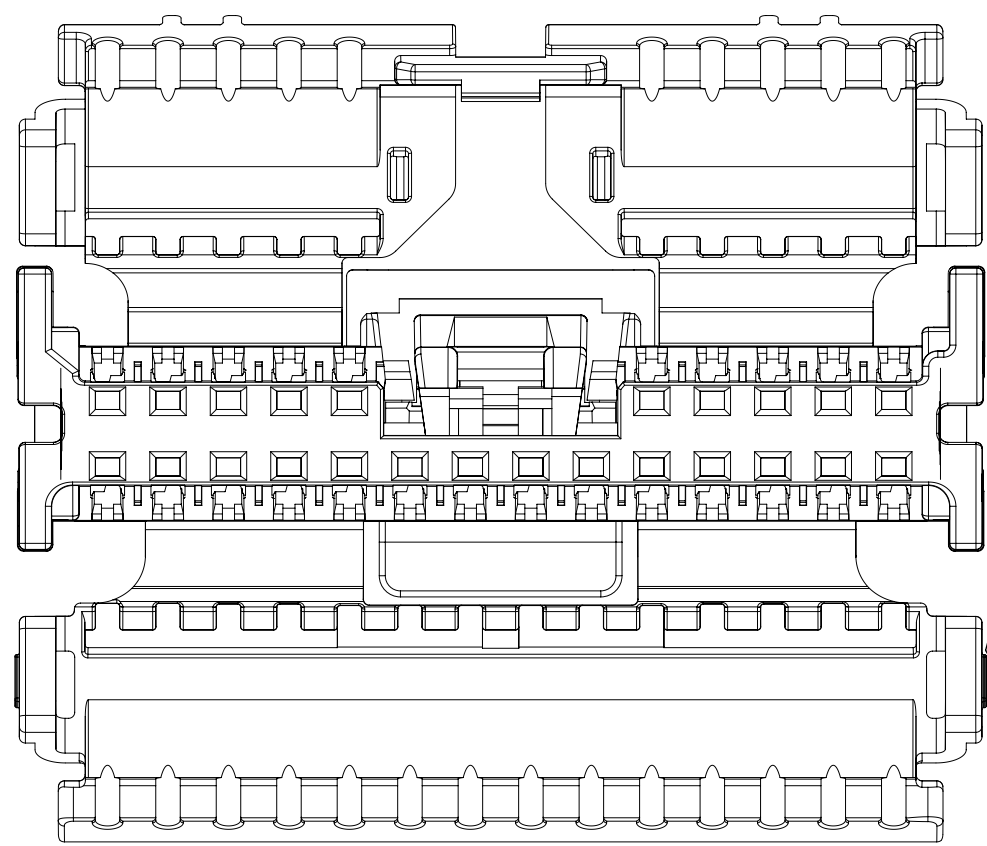
12 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION C



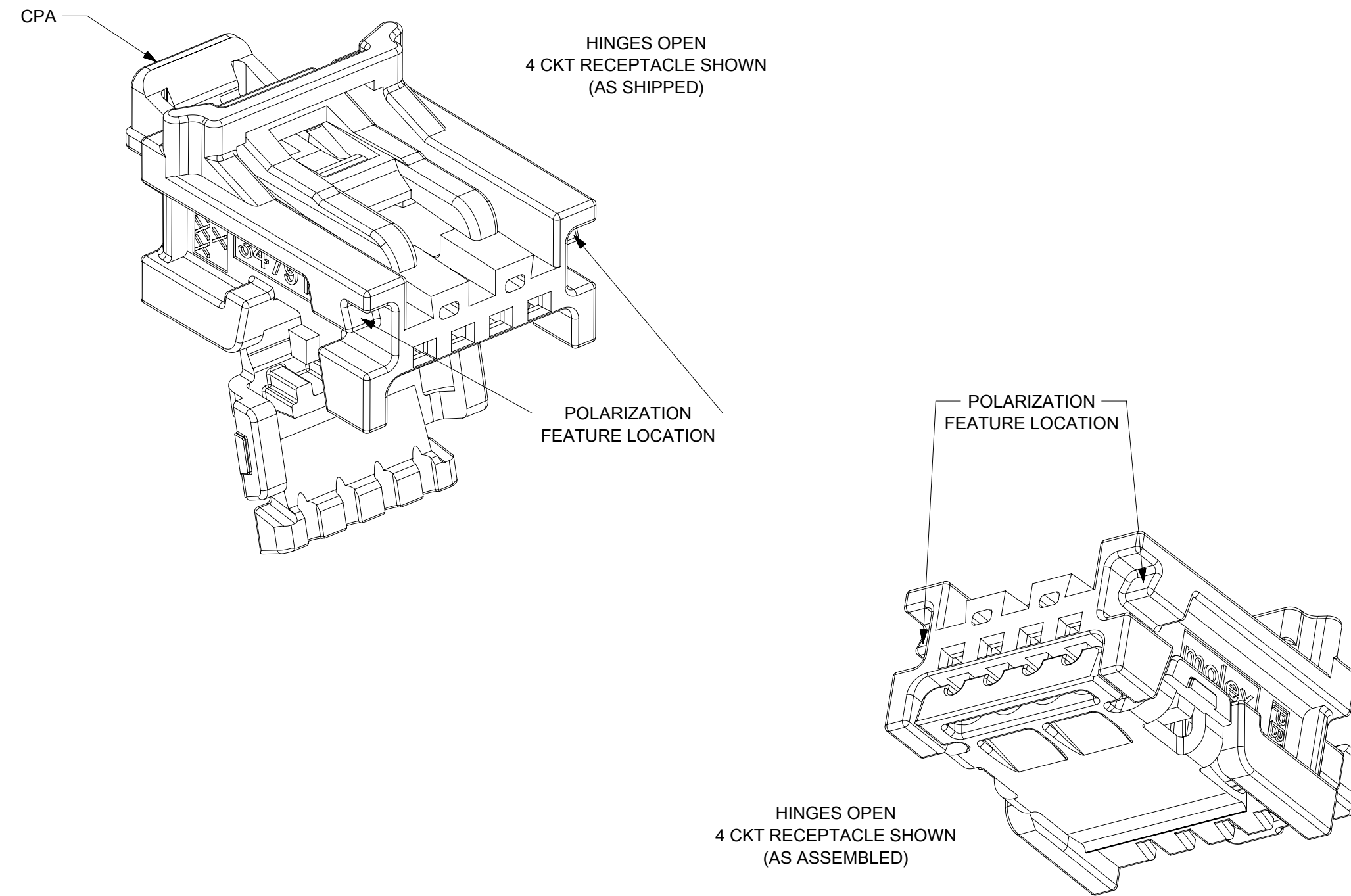
24 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION A



24 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION B



24 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION C



PRE-RELEASE
REFERENCE
USE ONLY

INSPECTION BALLOON NUMBER
PER DRAWING REVISION: M2

LAST BALLOON USED: 21

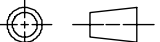
ADDED BALLOON NUMBERS:

REMOVED BALLOON NUMBERS: 22-33

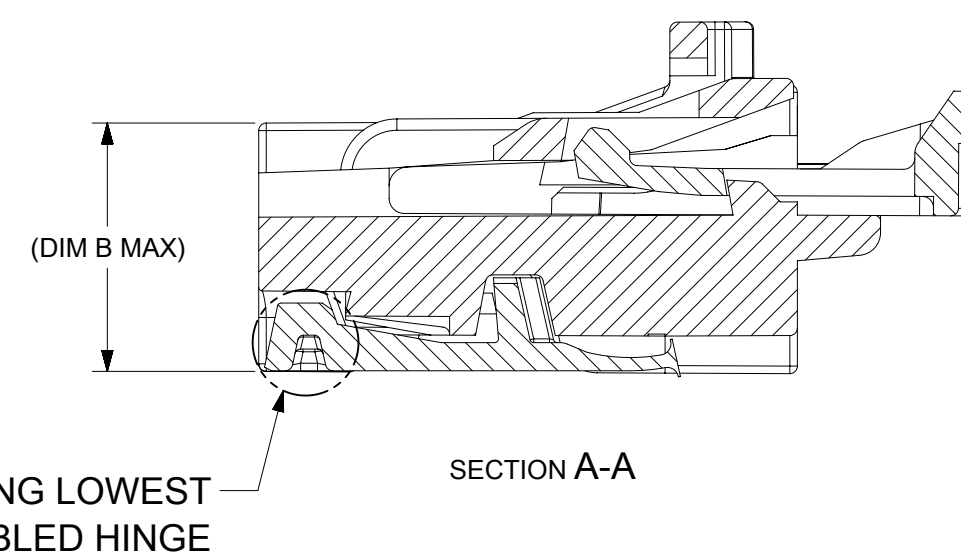
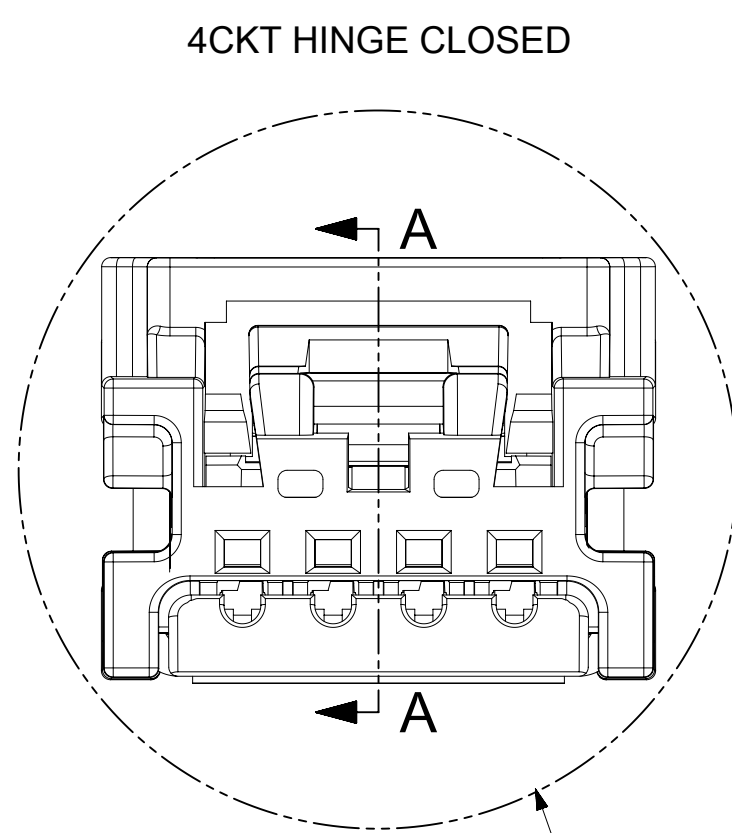
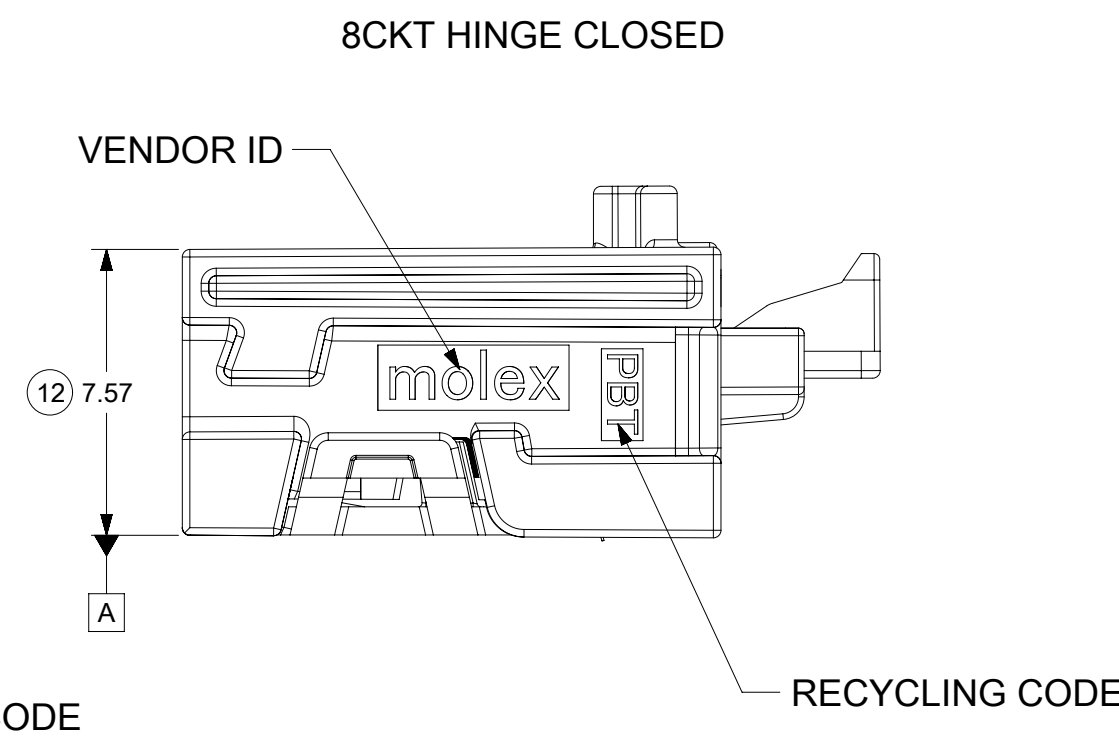
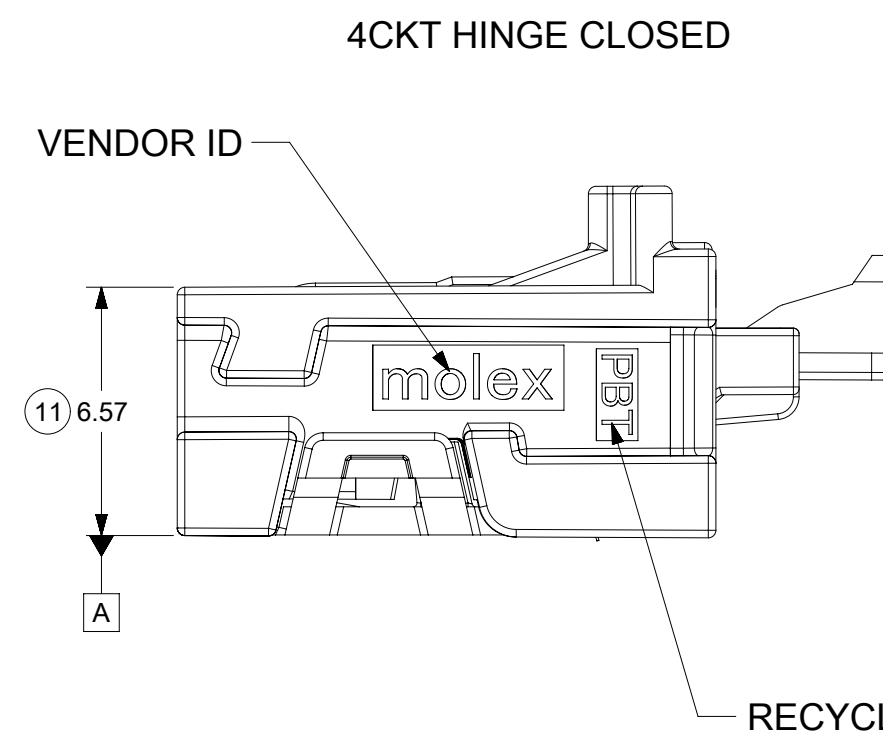
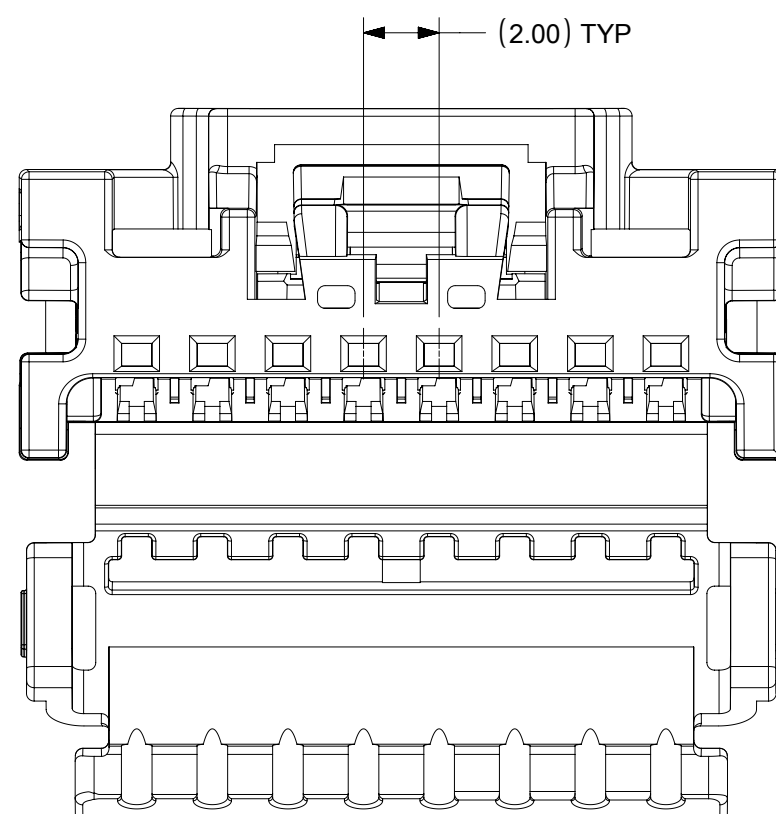
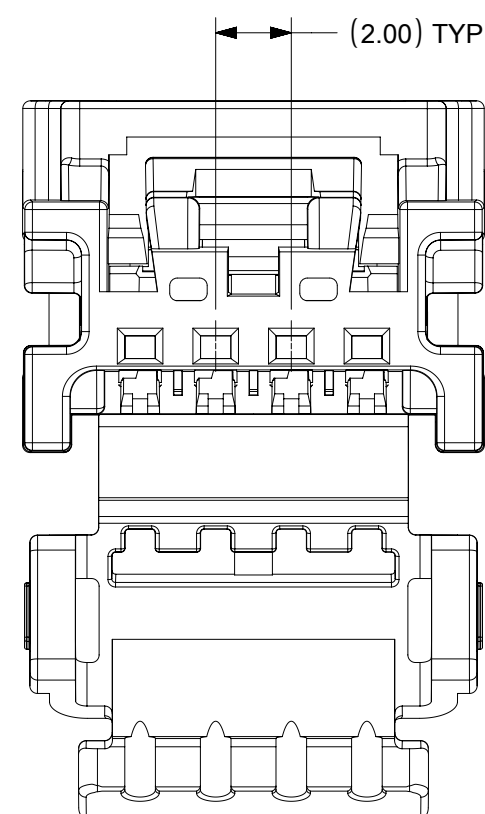
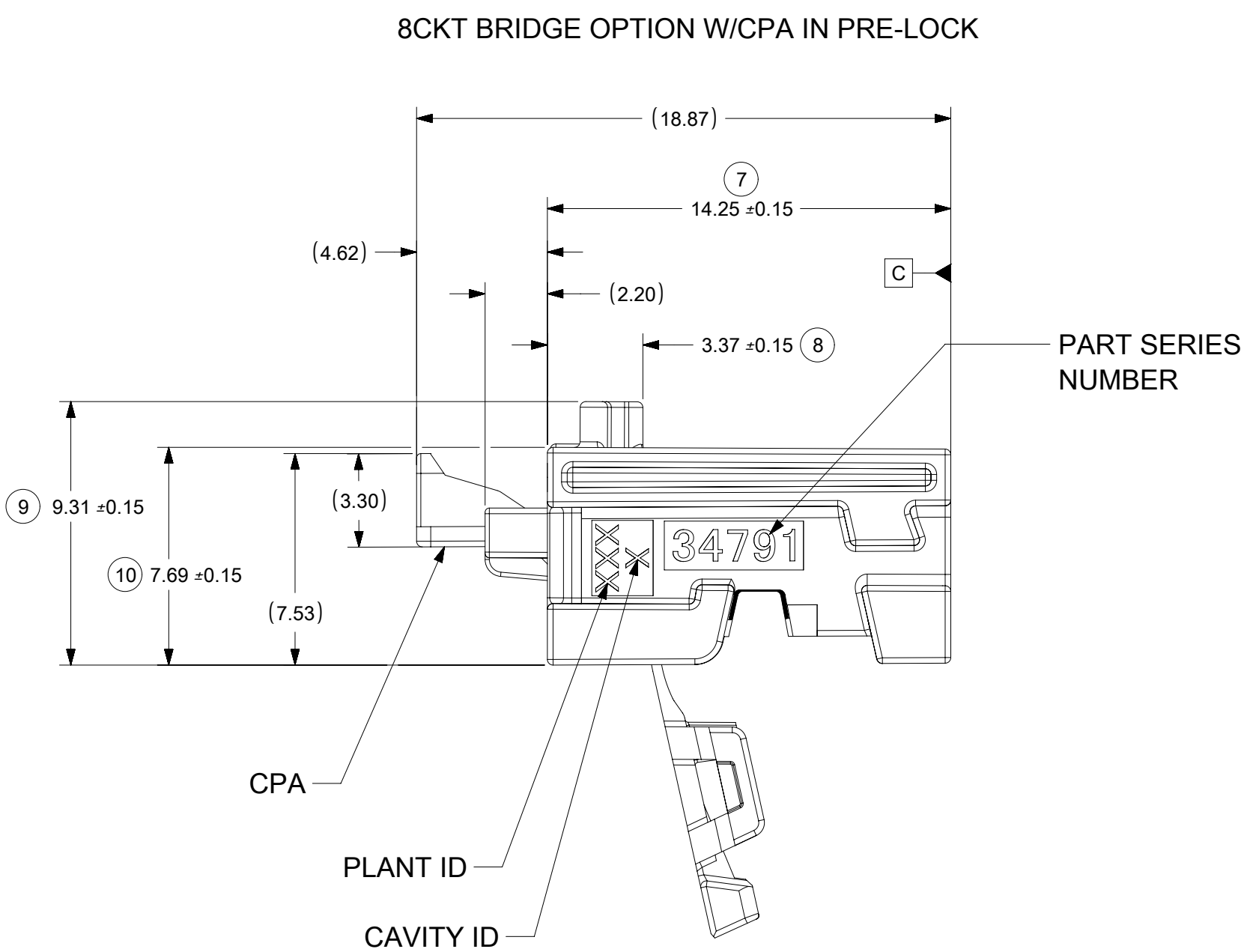
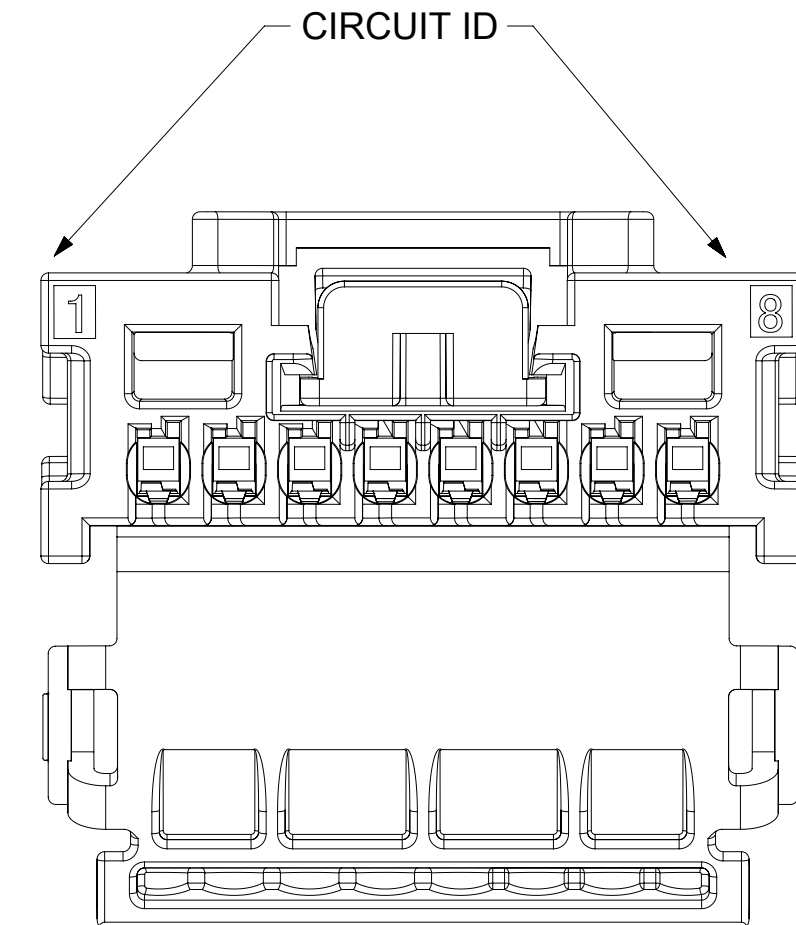
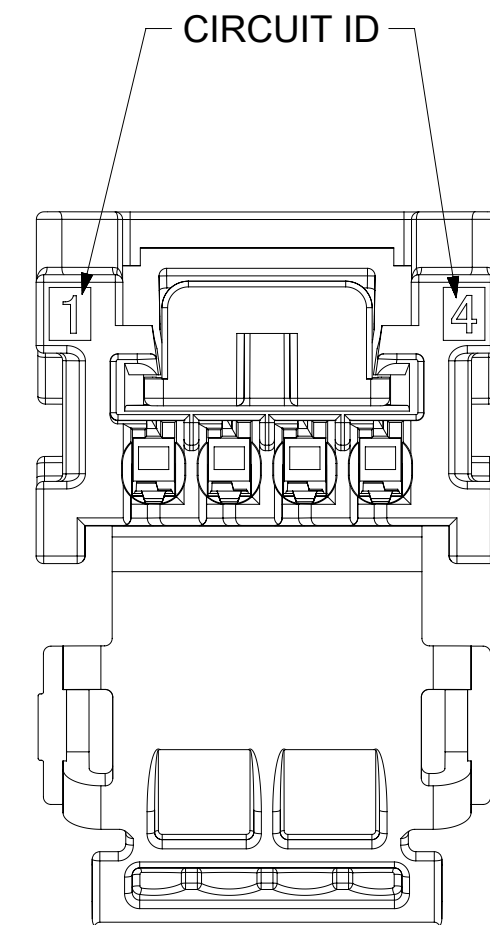
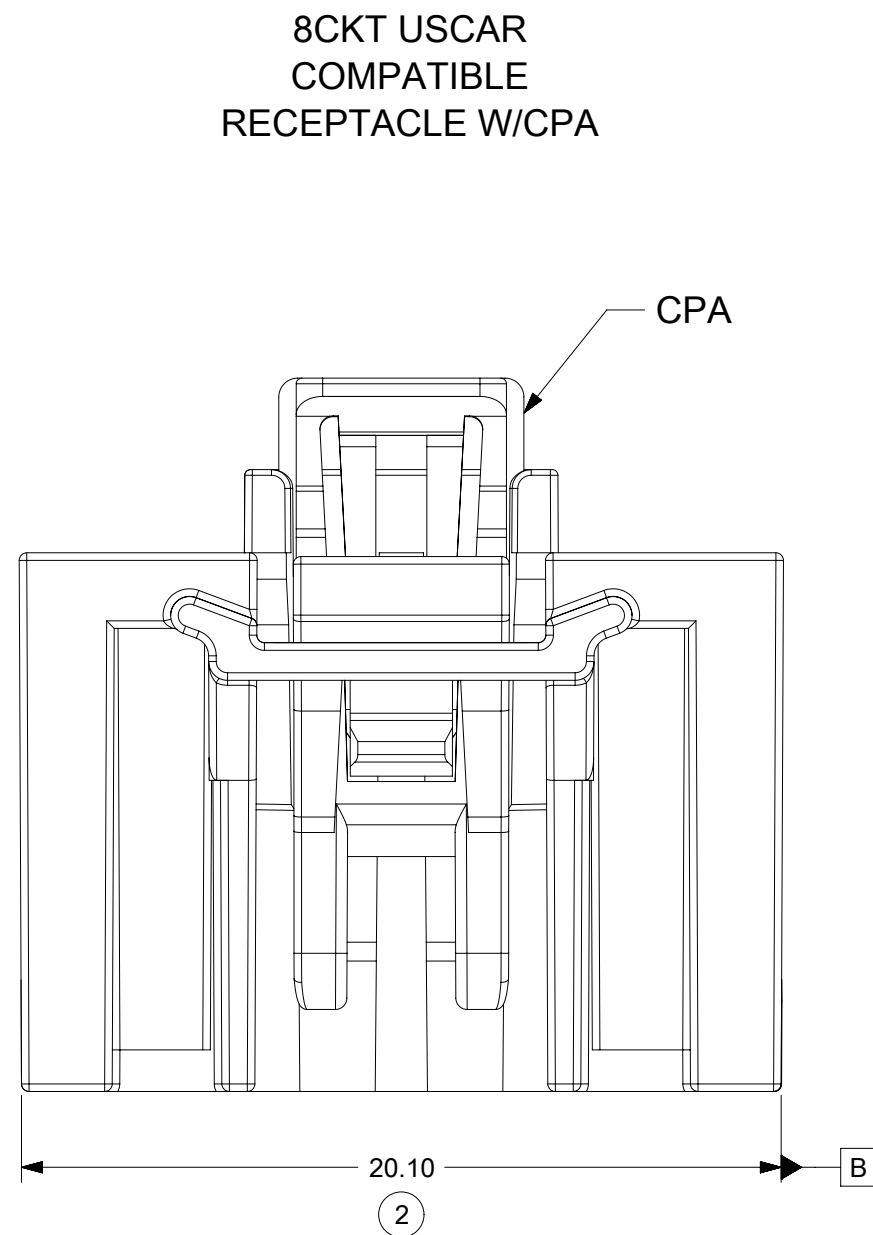
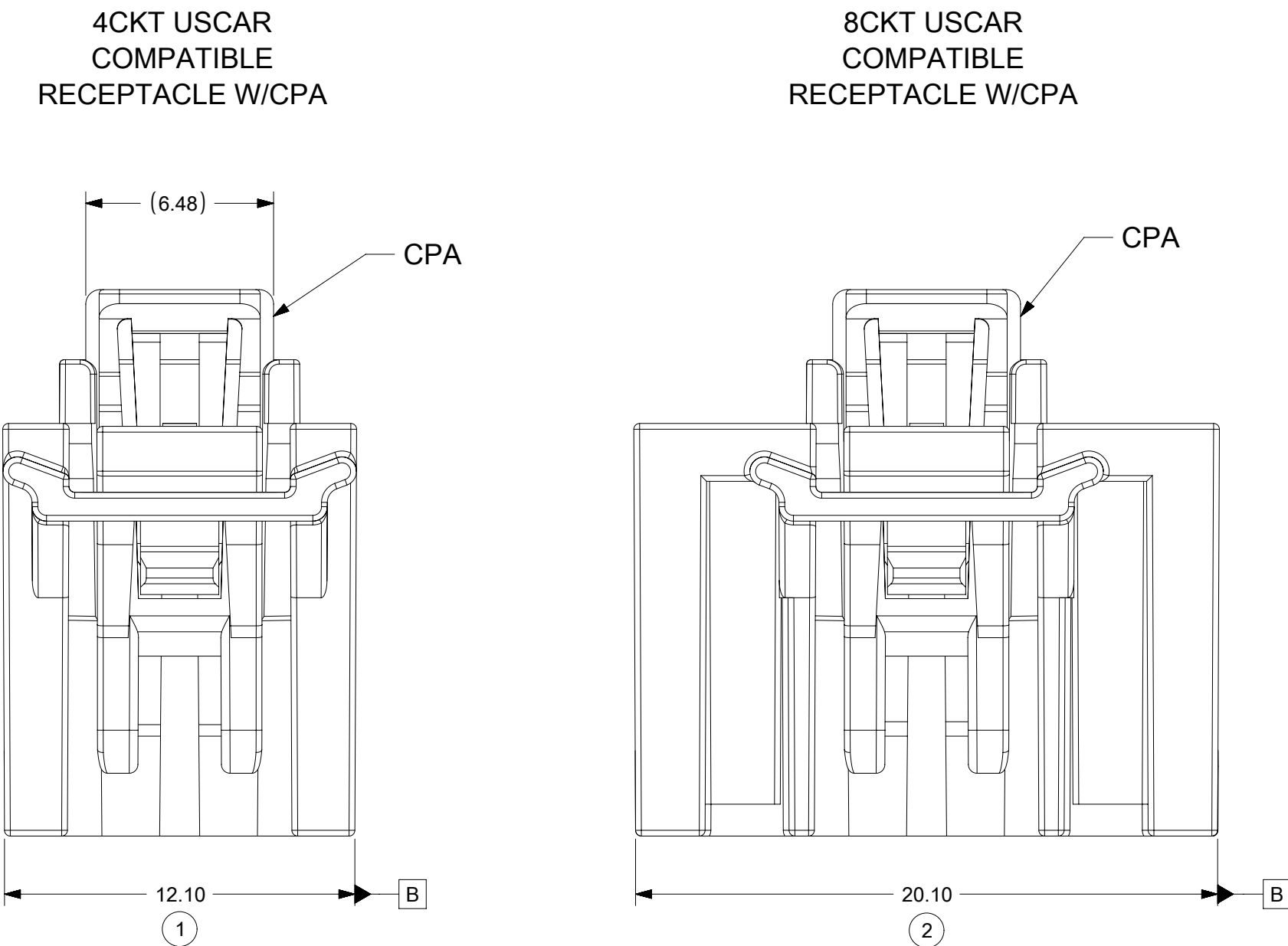
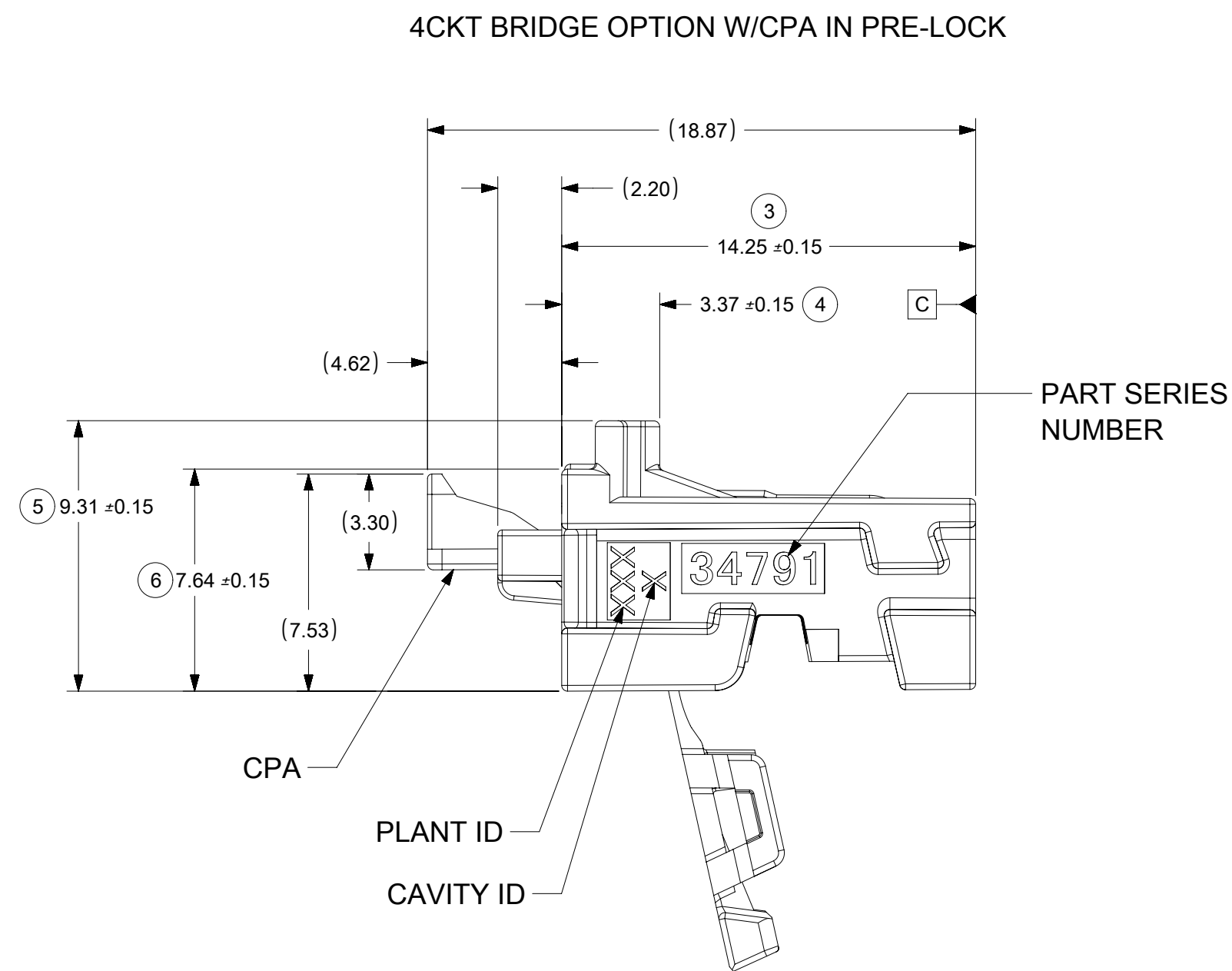
NOTES: VALID UNLESS OTHERWISE SPECIFIED

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.

M6	ADDED DATUMS AND DATUM NOTE
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		2018/11/30	EC NO: 608500 DRWN: JJOYA CHK'D: REV APPR:	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® MINI 50 SINGLE/DUAL ROW CPA-RECEPTACLE ASSEMBLY SALES DRAWING	
F = 0						MM ONLY		5:1			
E = 0				ANGULAR TOL ± 1.0 °		DRWN BY		DATE			
E = 0						MYOUNG01		2013/01/31			
V = 0				4 PLACES ±		CHK'D BY		DATE			
V = 0				3 PLACES ±							
C = 0				2 PLACES ± 0.1		APPR BY		DATE			
C = 0				1 PLACE ± 0.2		RBAUMAN		2013/11/13			
X = 0				0 PLACES ±		DRAWING SIZE		THIRD ANGLE PROJECTION			
X = 0						A1					
V = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						PRODUCT CUSTOMER DRAWING			
						SERIES		MATERIAL NUMBER		CUSTOMER	
						34824		SEE TABLE		GENERAL MARKET	
						DOCUMENT NUMBER		DOC TYPE		DOC PART	
						SD-34824-003		PSD		001	
										SHEET NUMBER	
										1 OF 4	

24CKT POLARIZATIONS SHOWN ARE REPRESENTATIVE FOR 16 AND 20CKT



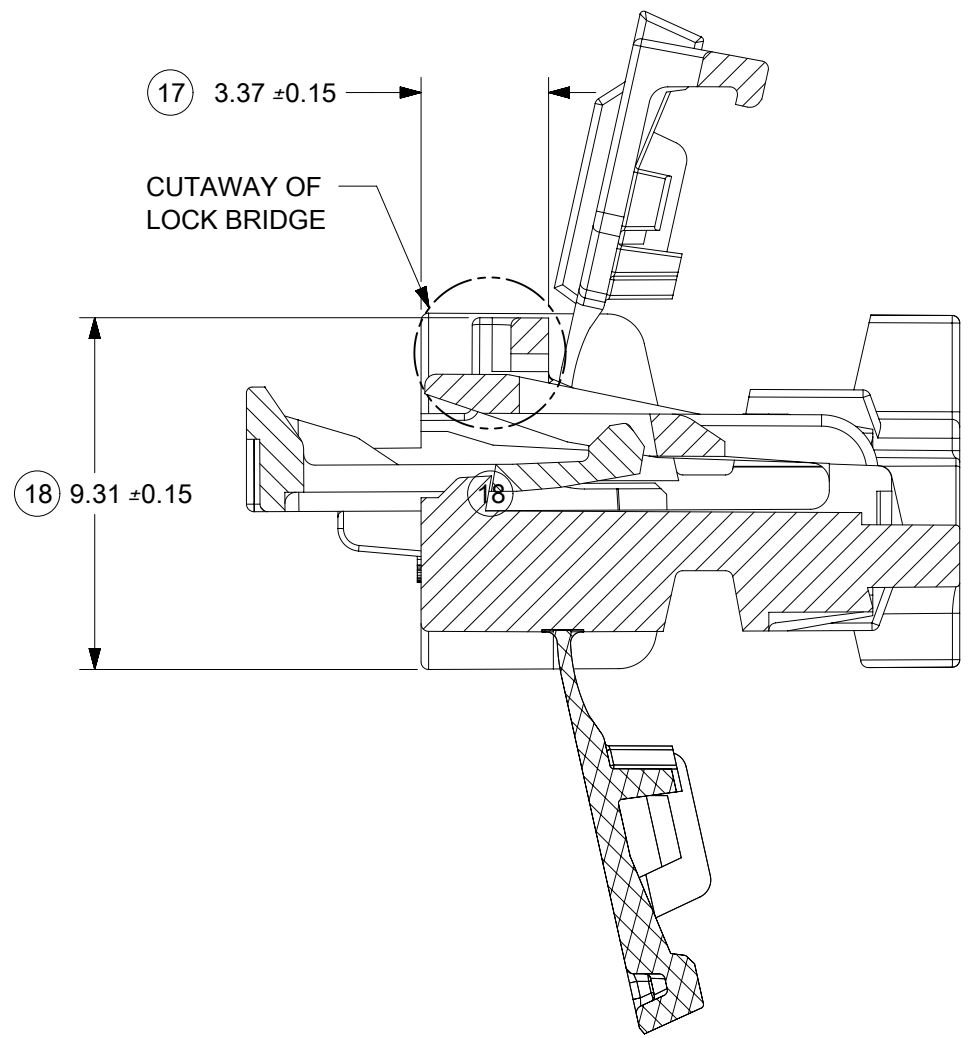
CHARTED DIMENSIONS		
DESCRIPTION	DIMENSION	
	A	B
4 CKT	16.09	6.77
8 CKT	22.52	7.77
12 CKT	23.18	8.47
16 CKT	26.87	8.47
20 CKT	30.65	8.47
24 CKT	34.47	8.47

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

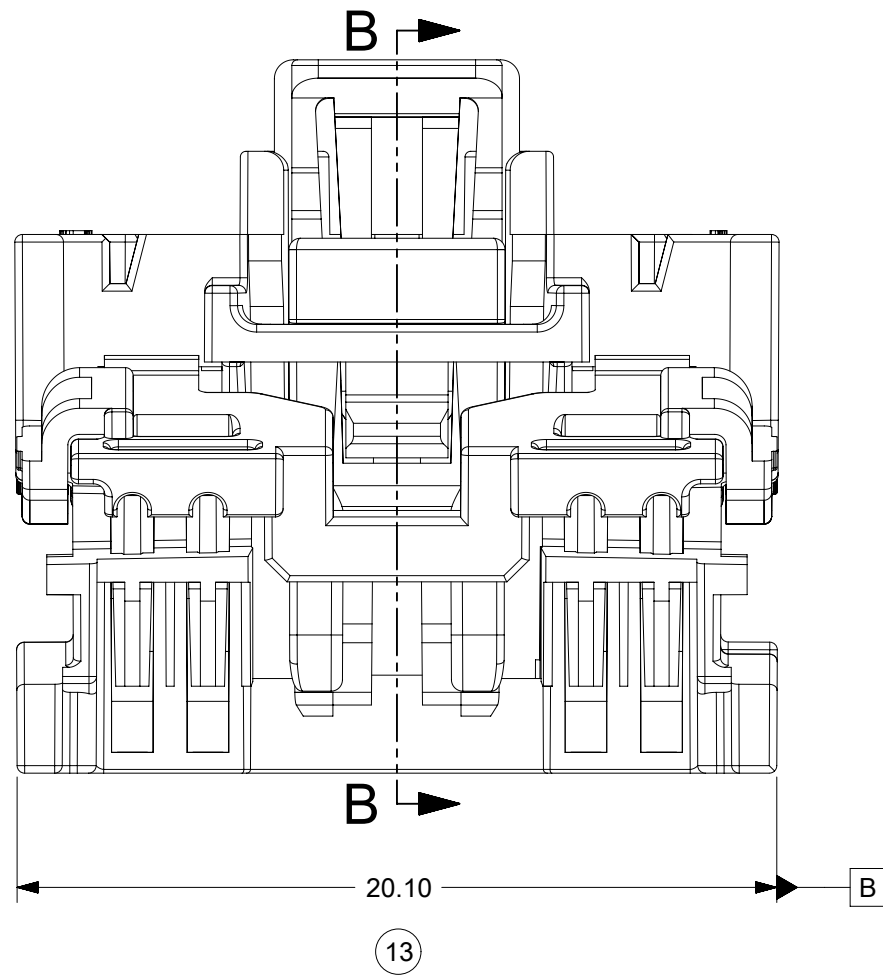
PENDING
APPROVAL

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:			molex		
	DIMENSION UNITS	SCALE				MINI 50 SINGLE/DUAL ROW CPA-RECEPTACLE ASSEMBLY SALES DRAWING		
▽ = 0	mm	5:1						
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)							
▽ = 0	ANGULAR TOL	± 1.0°						
▽ = 0	4 PLACES	±						
▽ = 0	3 PLACES	±						
▽ = 0	2 PLACES	± 0.1						
▽ = 0	1 PLACE	± 0.2						
▽ = 0	0 PLACES	±						
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
▽ = 0			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
▽ = 0			⊕	A1-SIZE	34824		GENERAL MARKET	2 OF 4

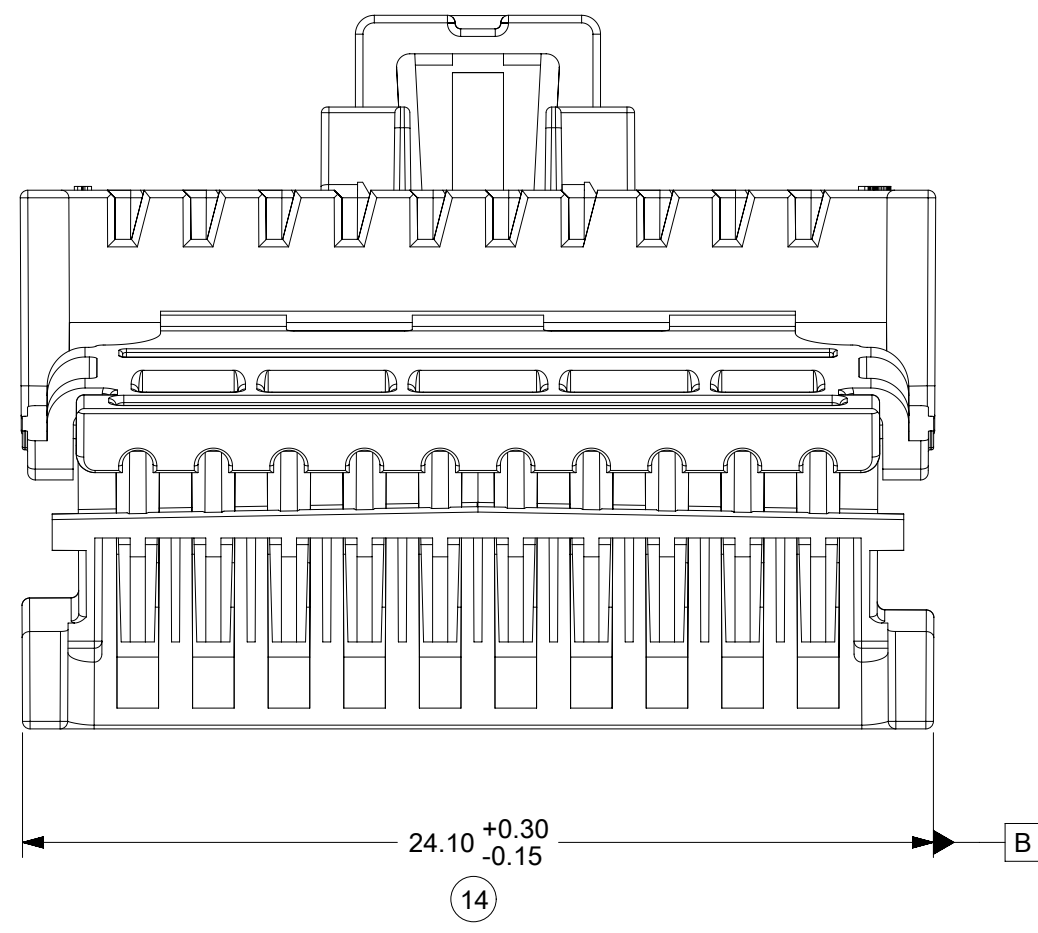
DUAL ROW LOCK BRIDGE OPTION



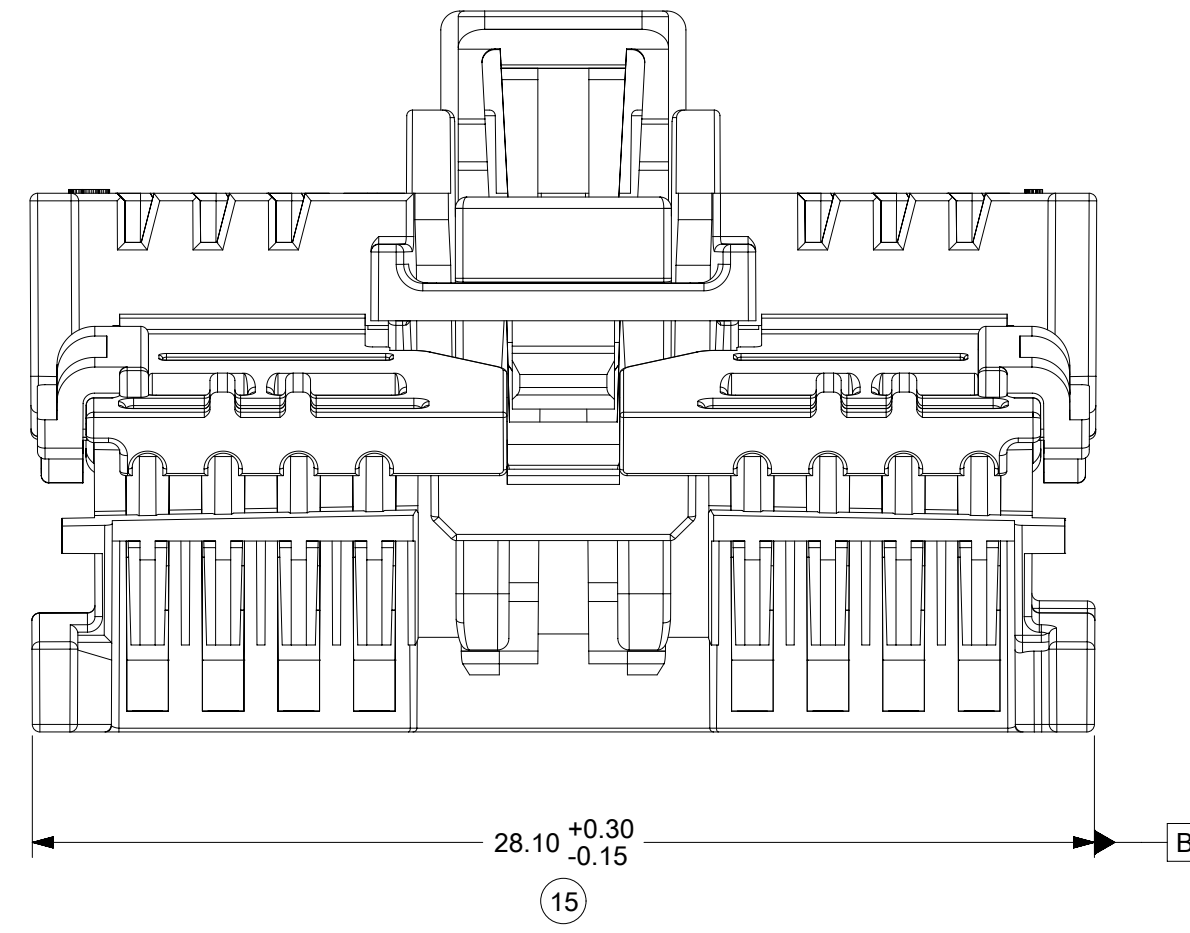
12 CKT USCAR COMPATIBLE
RECEPTACLE W/CPA



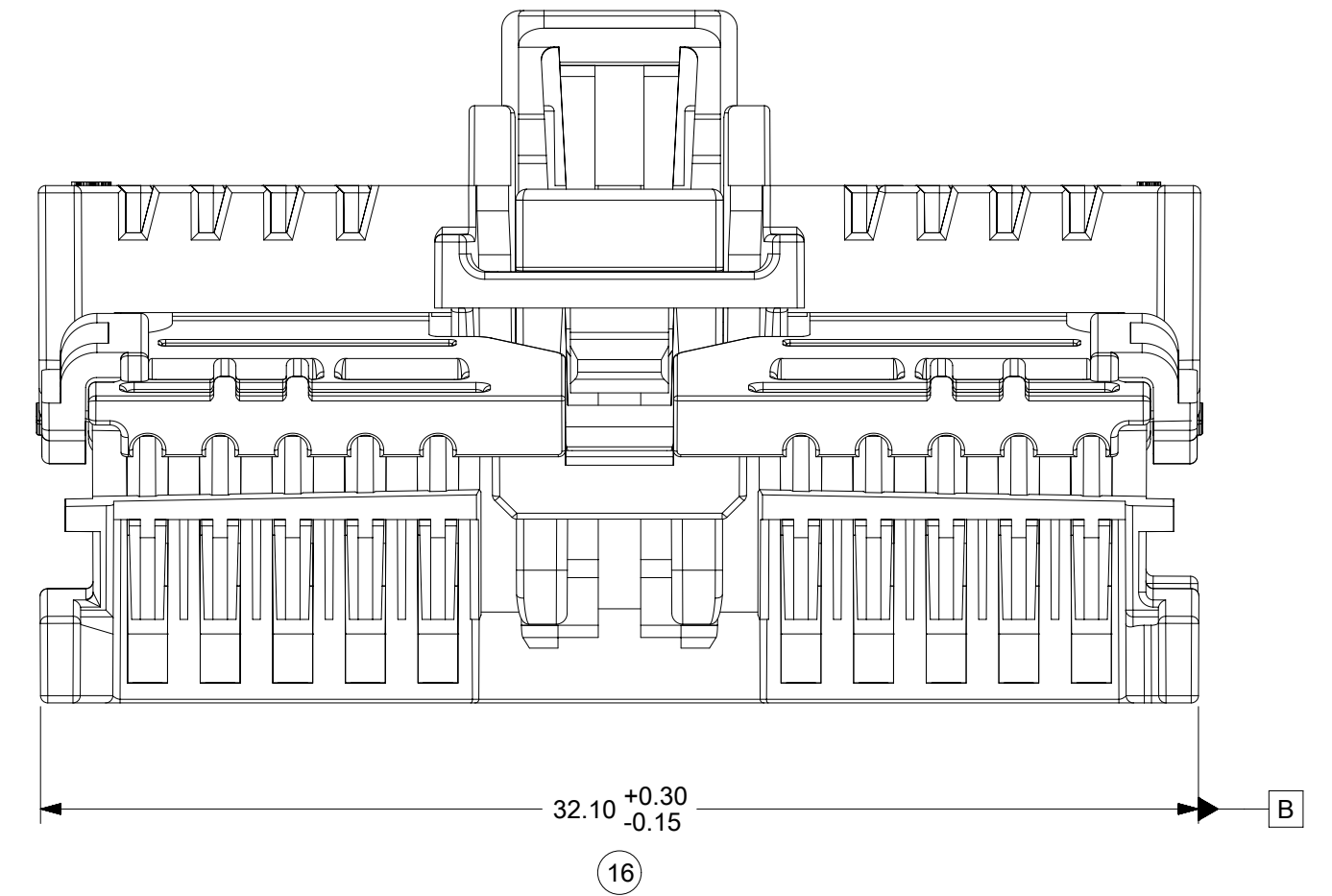
16 CKT USCAR COMPATIBLE
RECEPTACLE W/CPA



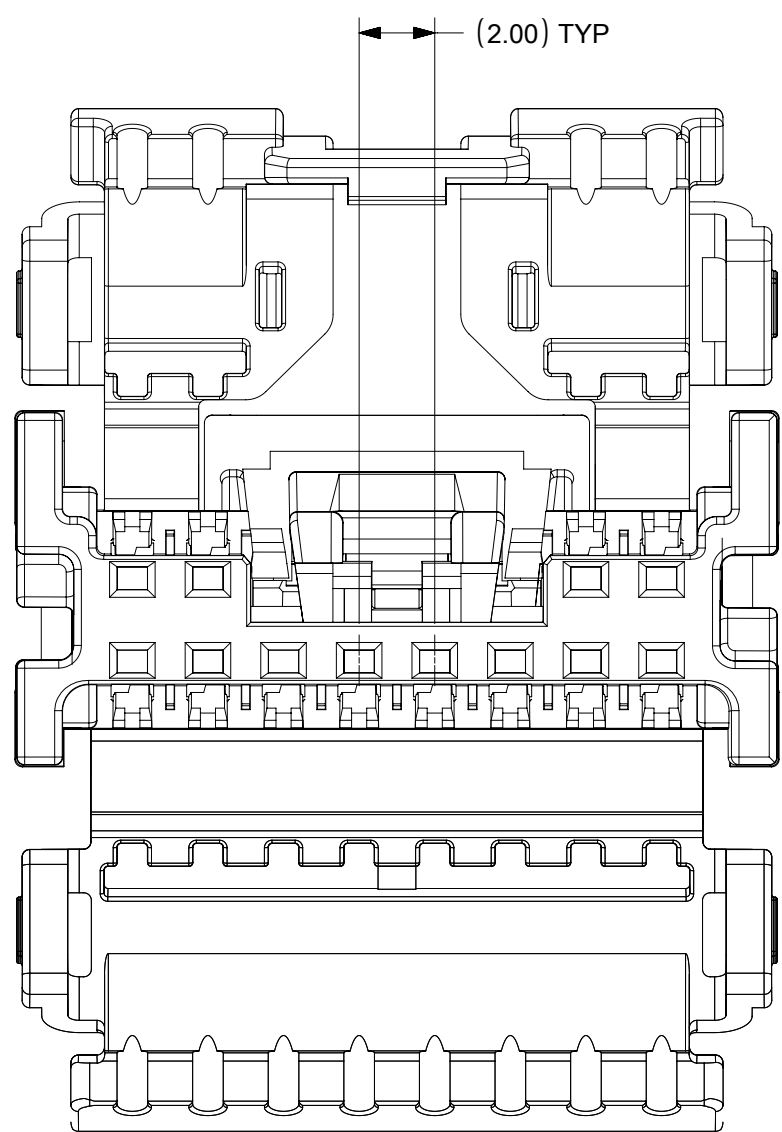
20 CKT USCAR COMPATIBLE
RECEPTACLE W/CPA



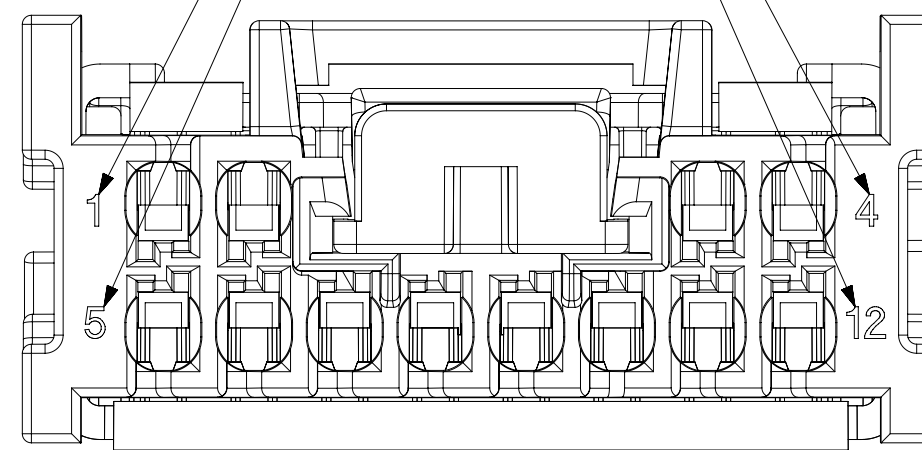
24 CKT USCAR COMPATIBLE
RECEPTACLE W/CPA



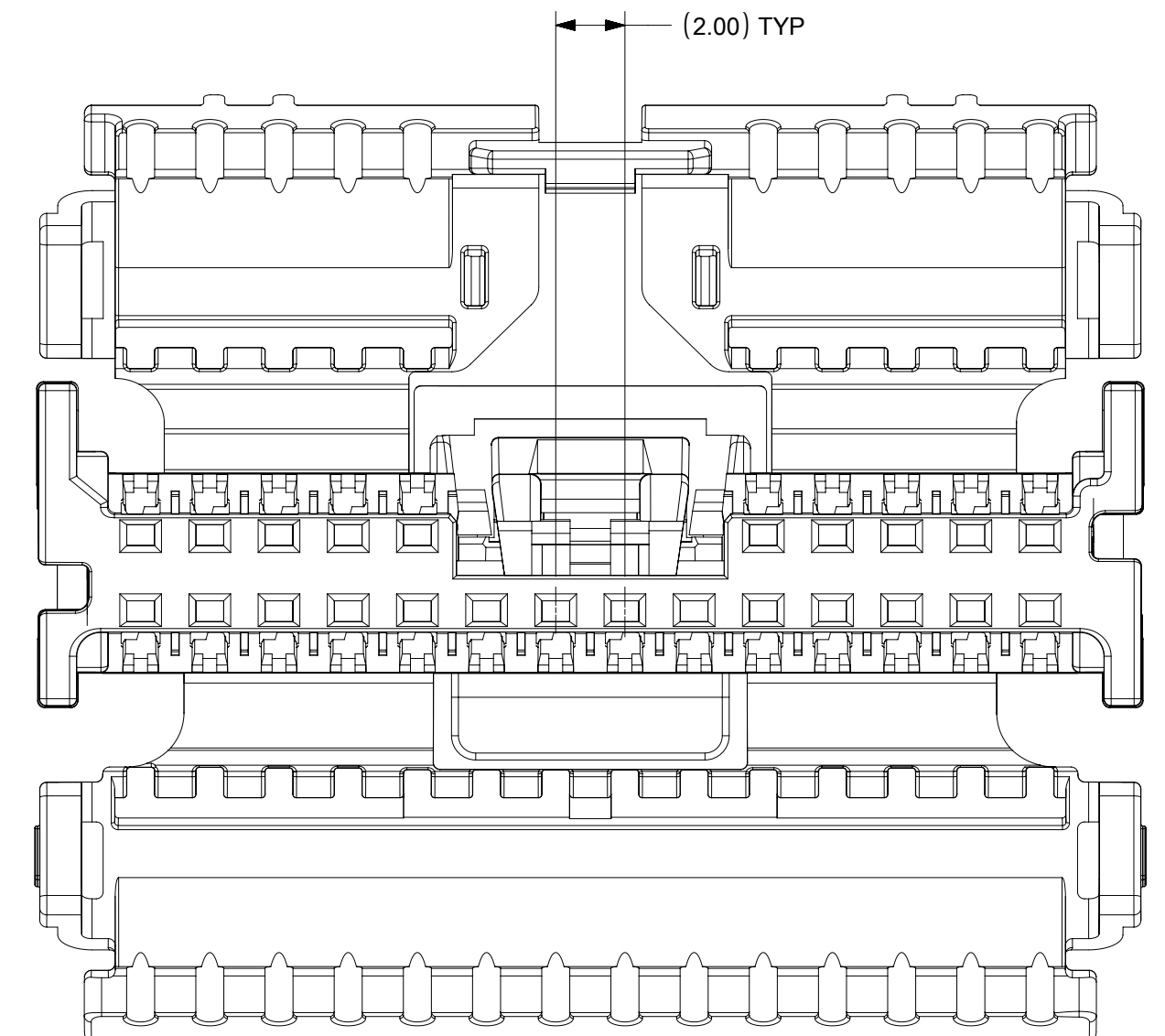
SECTION B-B



CIRCUIT ID

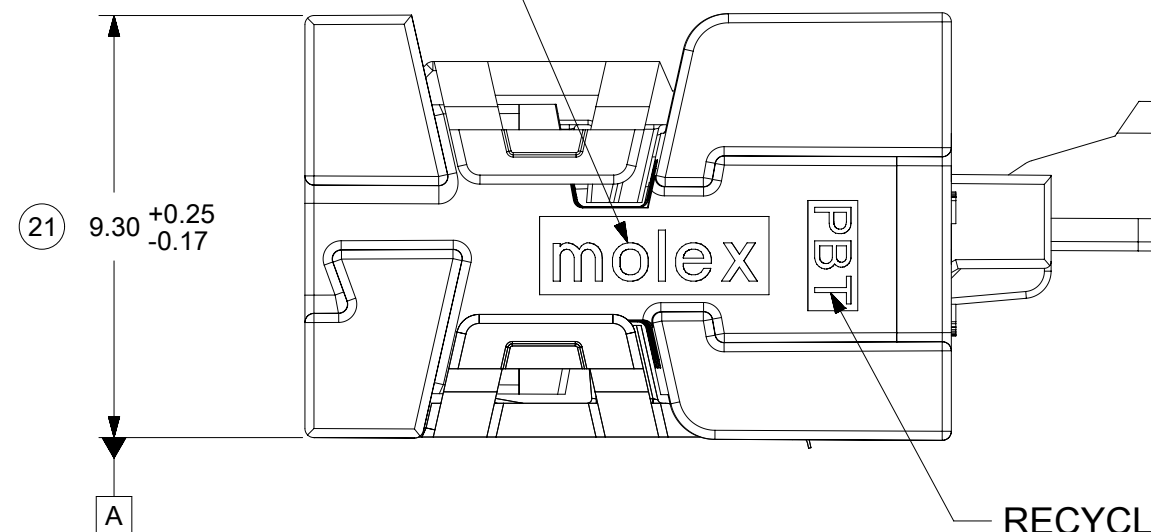


(2.00) TYP



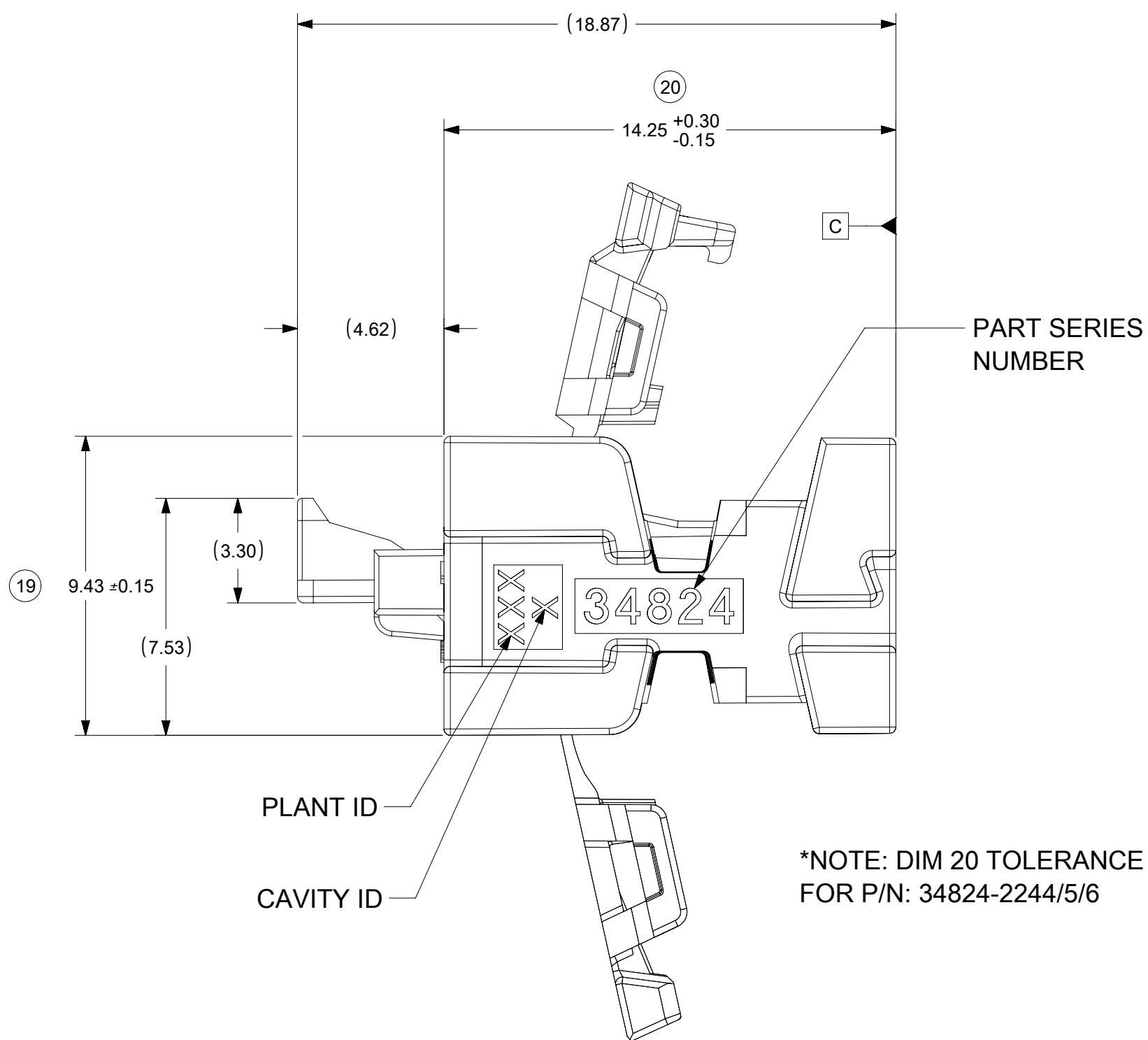
HINGES CLOSED

VENDOR ID



RECYCLING CODE

PENDING
APPROVAL



*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															
		DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
		mm		5:1													
		GENERAL TOLERANCES (UNLESS SPECIFIED)															
		ANGULAR TOL		± 1.0 °													
		4 PLACES		±													
		3 PLACES		±		EC NO: 608500 DRWN: JJOYA 2018/11/30 CHK'D: APPR:				MINI 50 SINGLE/DUAL ROW CPA-RECEPTACLE ASSEMBLY SALES DRAWING							
		2 PLACES		± 0.1													
		1 PLACE		± 0.2													
		0 PLACES		±		INITIAL REVISION: DRWN: TMACHUGA 2013/10/15 APPR: RBAUMAN 2013/11/13				PRODUCT CUSTOMER DRAWING							
										DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
										SD-34824-003		PSD	001	M7			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								A1-SIZE		34824				GENERAL MARKET		3 OF 4	

DOCUMENT STATUS	RQ	RELEASE DATE

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

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			
560023-0421	560023-0423			
560023-0422	560023-0424			

[illegible]