



产品编号：[347910140](#)
Product Description：Mini50 Unsealed
Receptacle, Single Row, Bridged, 4
Circuits, Polarization Option A, Black
系列号：34791
状态：Active
Product Category：Connector Housings



文件和资源

图纸

[图纸 347910140_sd.pdf](#)
[包装设计图 PK-31301-538-001.pdf](#)

3D 模型和设计文件

[3D模型 347910140_stp.zip](#)

规格

[应用规格 AS-34791-020-CH-001.pdf](#)
[应用规格 AS-34791-020-001.pdf](#)
[应用规格 AS-34791-020-FR-001.pdf](#)
[产品规格 PS-34791-020-001.pdf](#)
[测试摘要 347910020-TS-000.pdf](#)

产物环境合规

合规

GADSL/IMDS	Compliant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

[多部分产品合规性声明](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

多部分行业合规性文件

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

欧盟 RoHS 合格证书

产品详情

常规

状态	活动
类别	Connector Housings
系列	34791
说明	Mini50 Unsealed Receptacle, Single Row, Bridged, 4 Circuits, Polarization Option A, Black
应用	Automotive, Power, Wire-to-Board
产品系列	Mini50 Connection Systems
产品名称	Mini50
UPC	887191319797

物理

电路数（最多）	4
颜色-树脂	黑色
性别	Receptacle
符合灼热丝规范	否
插接极性	是
锁定插接部位	是
材料 - 树脂	PBT
净重	0.787/g
行数	1
包装形式	Bag
面板安装式	否
间距 - 插配接口	2.00mm
间距 - 终端界面	2.00mm
极化	A

有极性的插配件	是
可堆叠的	否
运行温度范围	-40° to +105° C

进程

无铅	不适用
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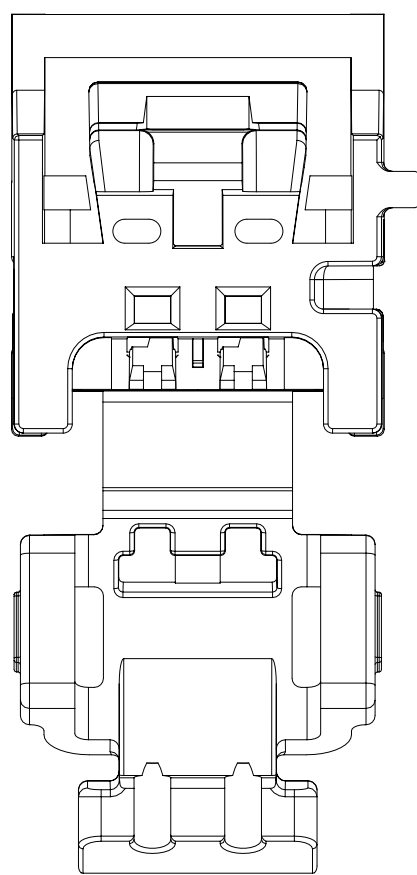
可配插/可连接使用的产品

可配插部件

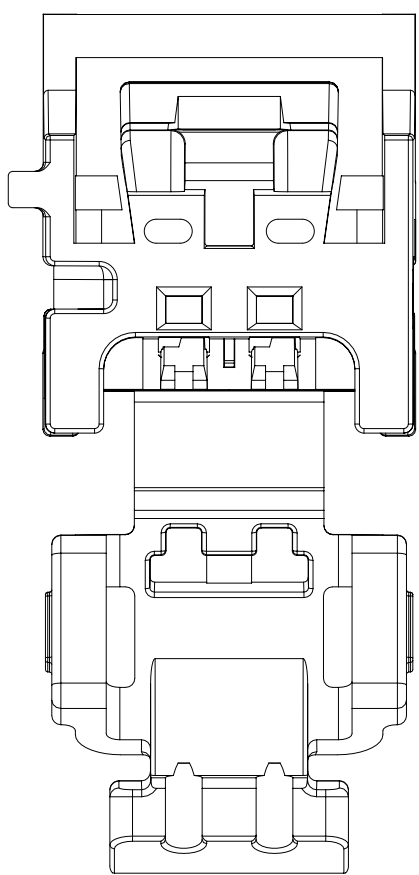
描述	产品编号
Mini50 Unsealed Vertical Headers	<u>34792</u>
Mini50 Unsealed Right-Angle Headers	<u>34793</u>
Mini50 Unsealed Single Row Right-Angle Headers	<u>34912</u>
Mini50 Unsealed Single Row Inline Housings	<u>203700</u>

可连接使用部件

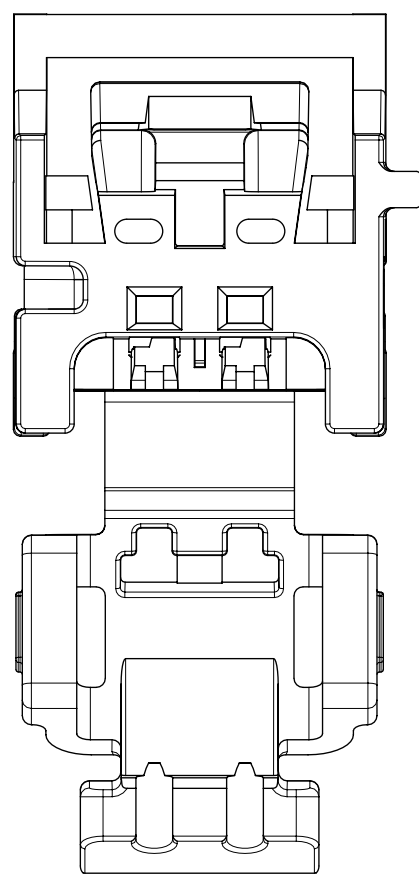
描述	产品编号
CTX50 Unsealed Receptacle Terminals	<u>560023</u>



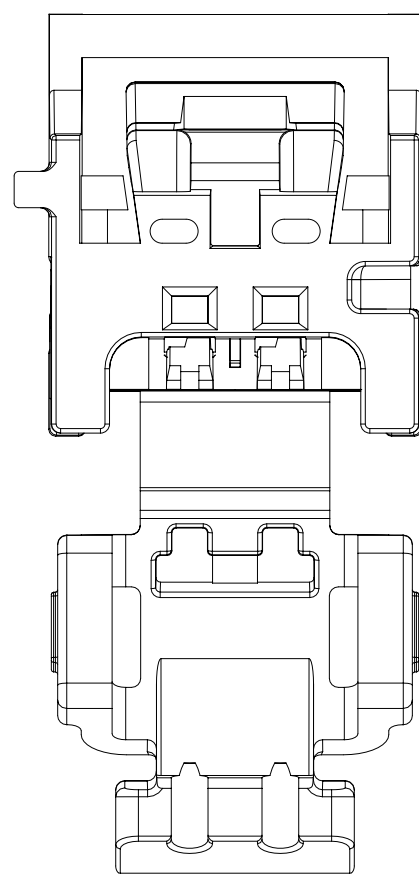
2 CIRCUIT RECEPTACLE BRIDGED POLARIZATION OPTION A



2 CIRCUIT RECEPTACLE BRIDGED POLARIZATION OPTION B



2 CIRCUIT RECEPTACLE BRIDGED POLARIZATION OPTION C



2 CIRCUIT RECEPTACLE BRIDGED POLARIZATION OPTION D

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 (PLAN OBSOLESCENCE IN 2024) AND 5600230800.

2. DESIGN - MATERIALS:

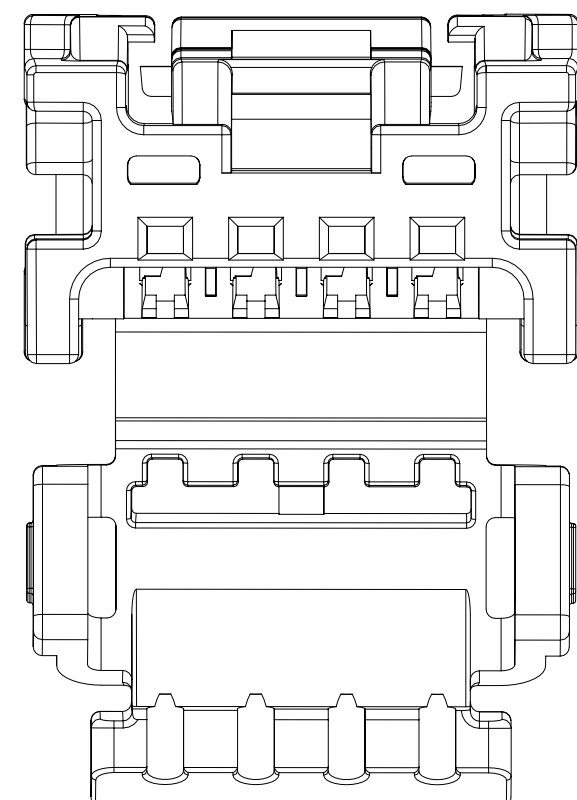
- a. MATERIAL: UNFILLED PBT

3. DESIGN - GEOMETRY:

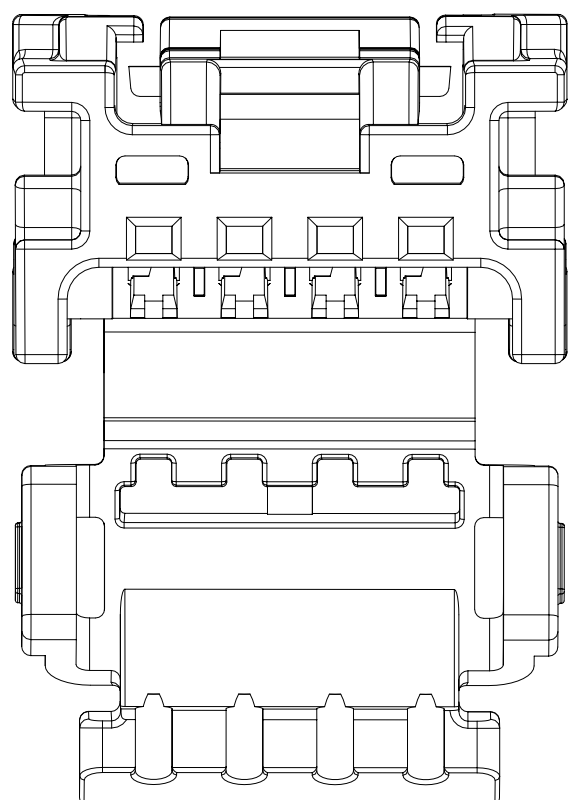
- a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
- c. GENERAL TOLERANCES:
 LINEAR: PER DIN 16901 CODE B FOR 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

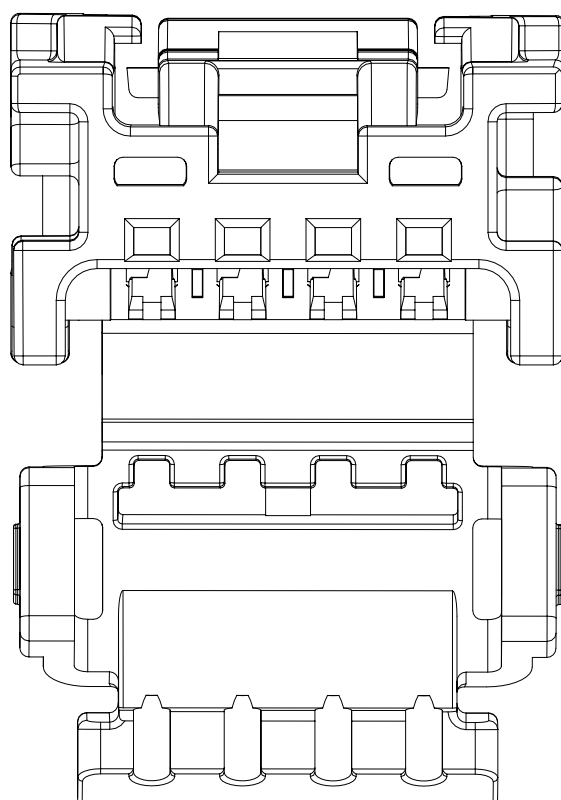
- a. HINGE DOES NOT AFFECT FUNCTION OF THE PART.



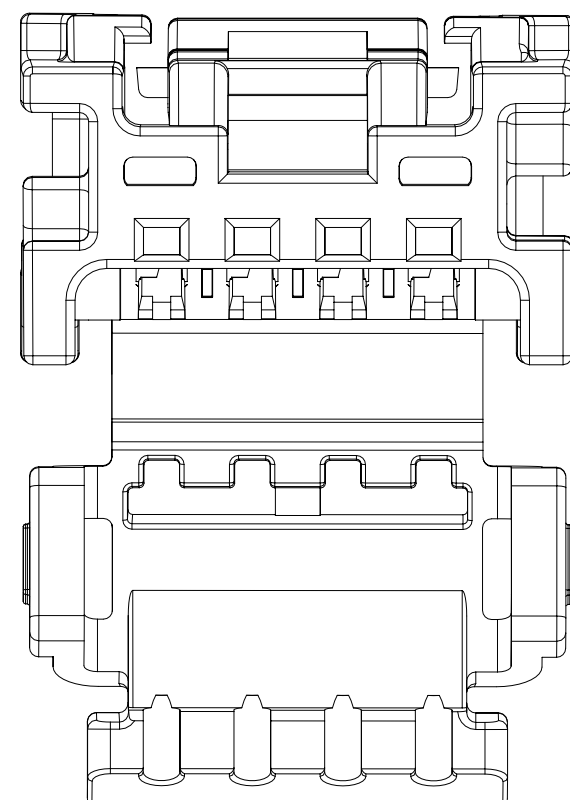
4 CIRCUIT RECEPTACLE NO BRIDGE POLARIZATION OPTION A



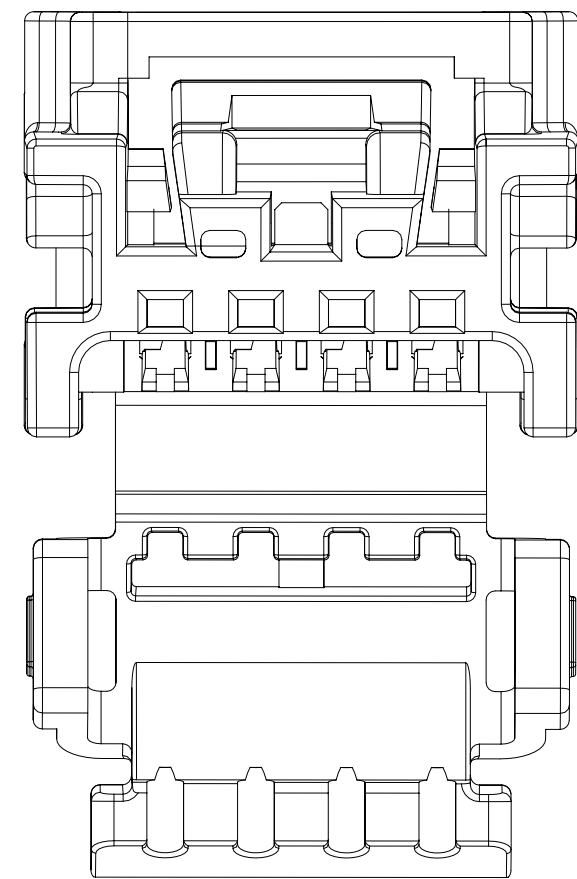
4 CIRCUIT RECEPTACLE NO BRIDGE POLARIZATION OPTION B



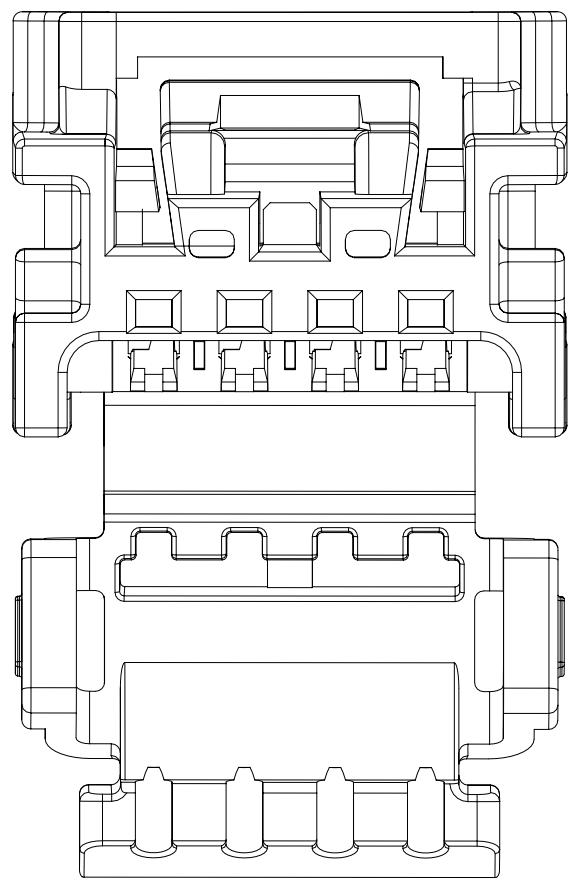
4 CIRCUIT RECEPTACLE NO BRIDGE POLARIZATION OPTION C



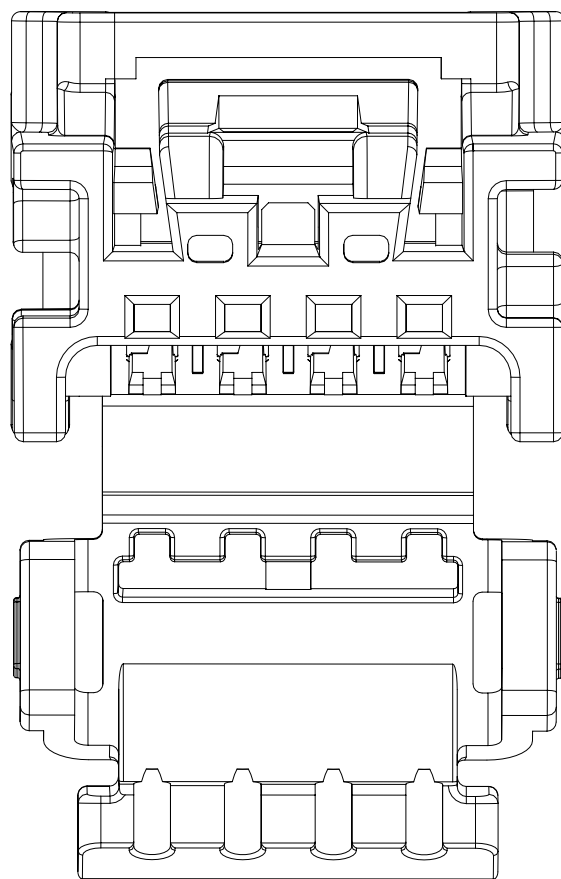
4 CIRCUIT RECEPTACLE NO BRIDGE
POLARIZATION OPTION D



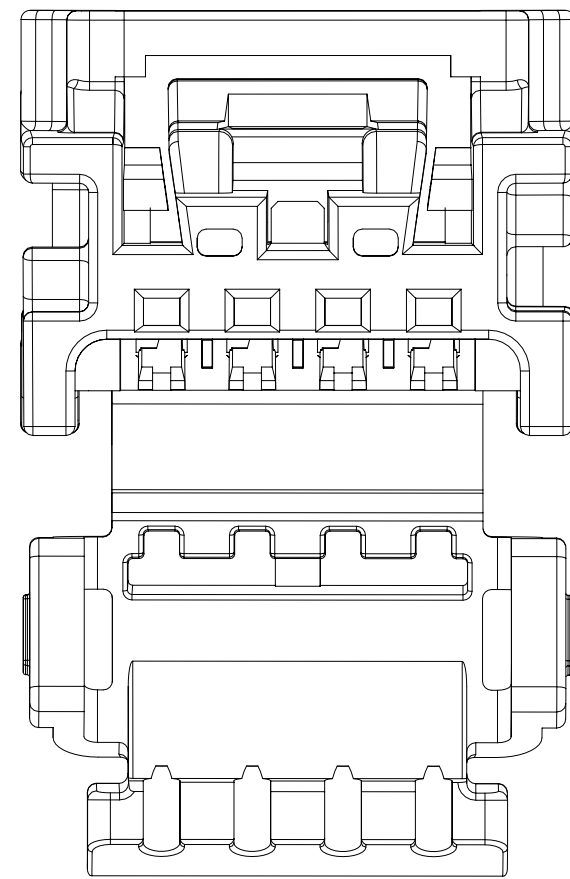
4 CIRCUIT RECEPTACLE BRIDGED POLARIZATION OPTION A



4 CIRCUIT RECEPTACLE BRIDGED POLARIZATION OPTION B



4 CIRCUIT RECEPTACLE BRIDGED POLARIZATION OPTION C

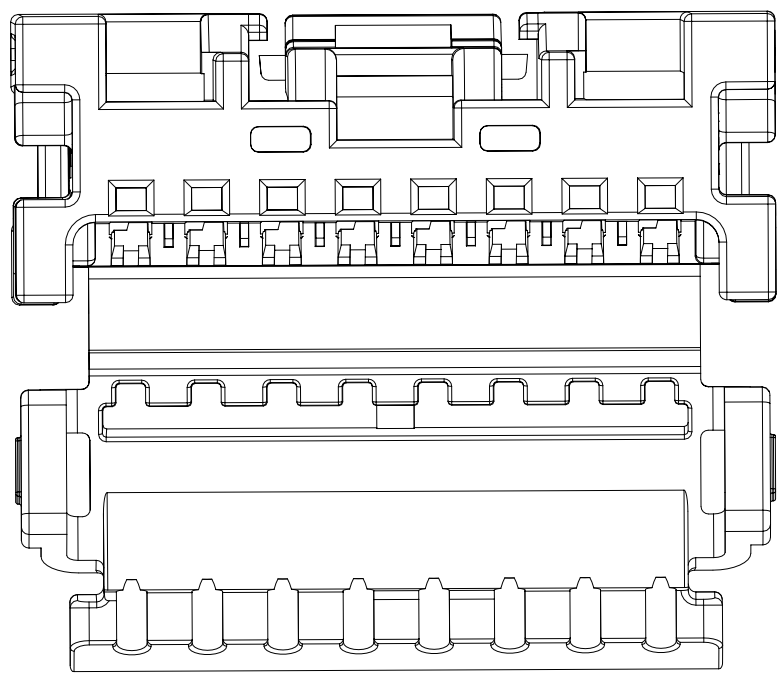


4 CIRCUIT RECEPTACLE BRIDGED POLARIZATION OPTION D

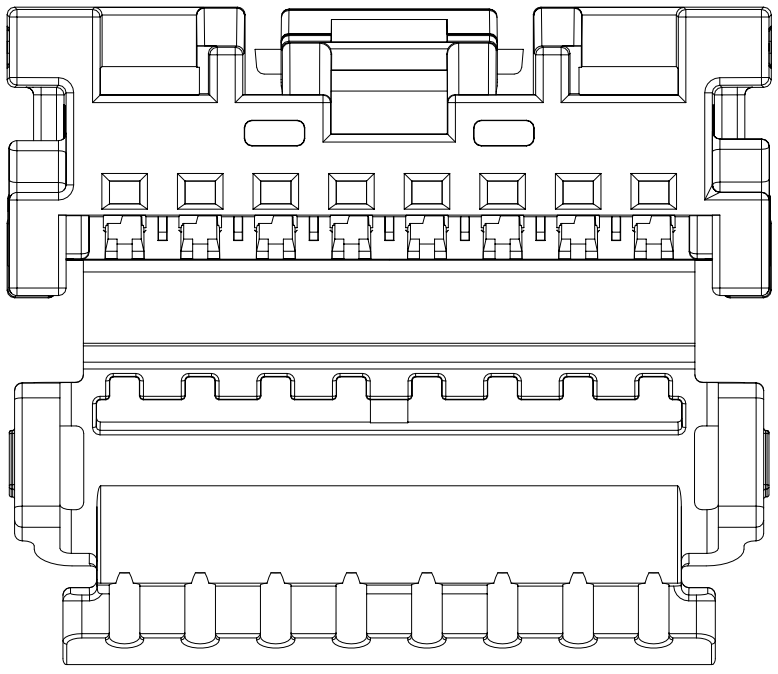
L8	SHEET 1: ADDED TERMINAL SD-DRAWING 5600230800 IN NOTES 1-H SHEET 4: UPDATED CTX50 UNSEALED RCPT TERMINAL PART NUMBER AND STATUS
L7	MODELS UPDATED, NO GEOMETRY CHANGE SHEET 4: UPDATED SMALL TERMINAL PN ON TERMINAL BOM SHEET 4: ADDED TAPE AND REEL MATING PNs TO BOM
L3	DRAWING REMASTERED SHEET 3: ADDED DIM A FOR PASS THRU SHEET 4: ADDED DIM A TO BOM
L2	NX REMASTERING
REV	DESCRIPTION

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex											
	MM		6:1																
	GENERAL TOLERANCES (UNLESS SPECIFIED)							MINI50 SINGLE ROW RECEPTACLE SALES DWG											
	ANGULAR TOL ± 0.5°																		
	4 PLACES		±																
	3 PLACES		±																
2 PLACES		±																	
DIVISIONAL SYMBOLS	1 PLACE		±		STATUS: Production DRWN: Yann Chen 2023-10-20 CHK'D: Gang Li 2023-10-25 APPR: Colin Zhang 2023-10-30			PRODUCT SALES DRAWING											
	0 PLACES		±								DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							THIRD ANGLE PROJECTION		DRAWING D-SIZE		SERIES 34791		MATERIAL NUMBER		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 4	

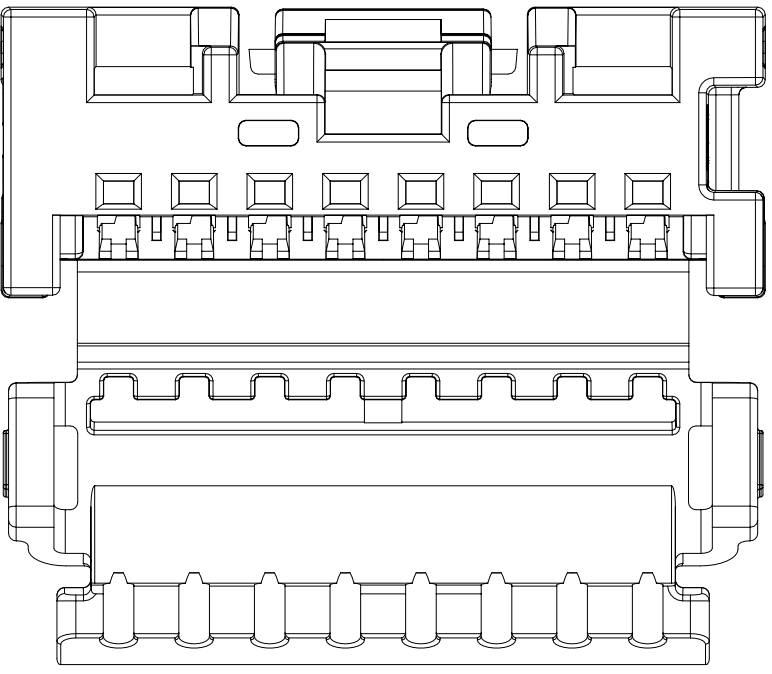
INSPECTION BALLOON NUMBER LOG
PER DRAWING REVISION: L8
LAST BALLOON USED: 16
ADDED BALLOON NUMBERS:
REMOVED BALLOON NUMBERS:



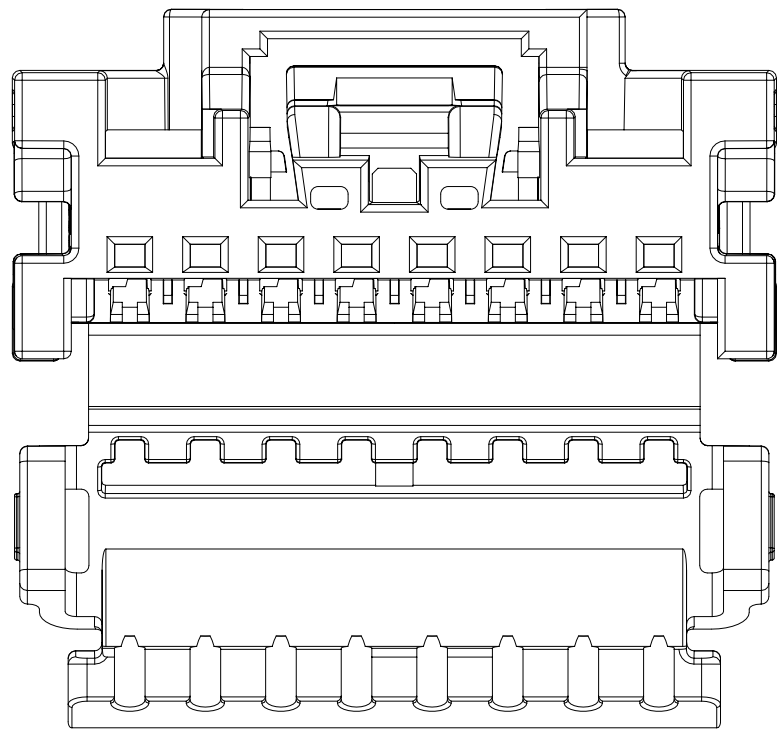
8 CIRCUIT RECEPTACLE NO BRIDGE
POLARIZATION OPTION A



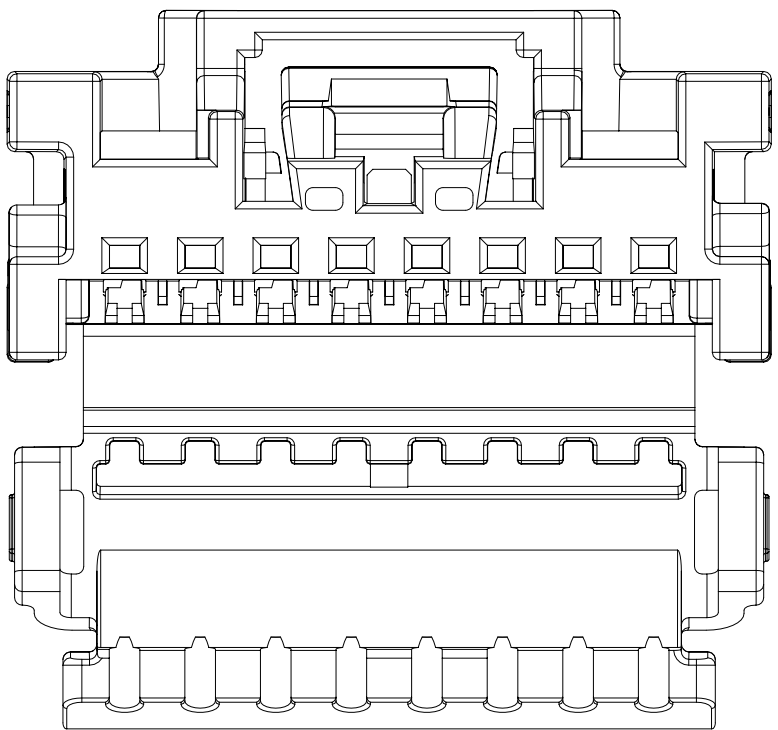
8 CIRCUIT RECEPTACLE NO BRIDGE
POLARIZATION OPTION B



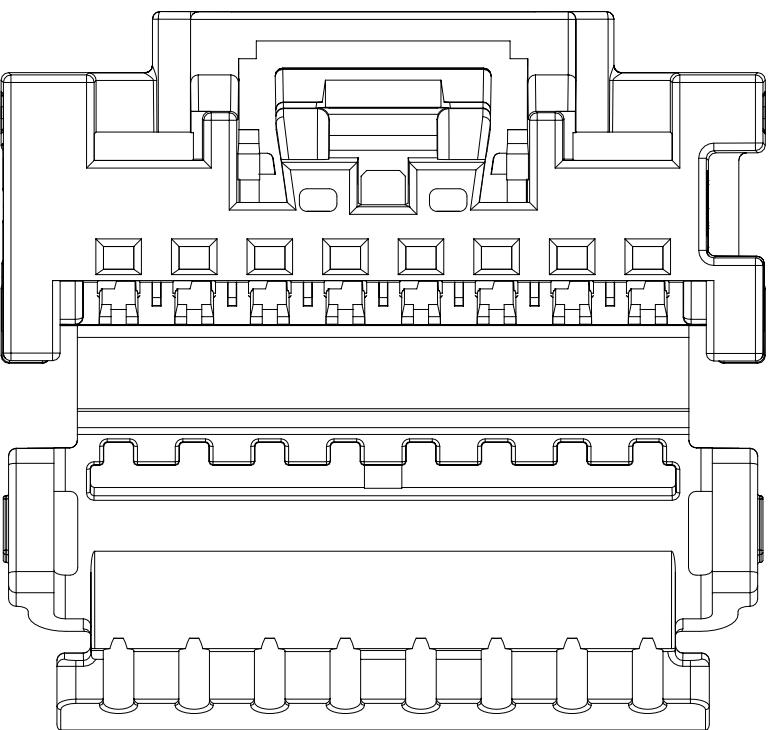
8 CIRCUIT RECEPTACLE NO BRIDGE
POLARIZATION OPTION C



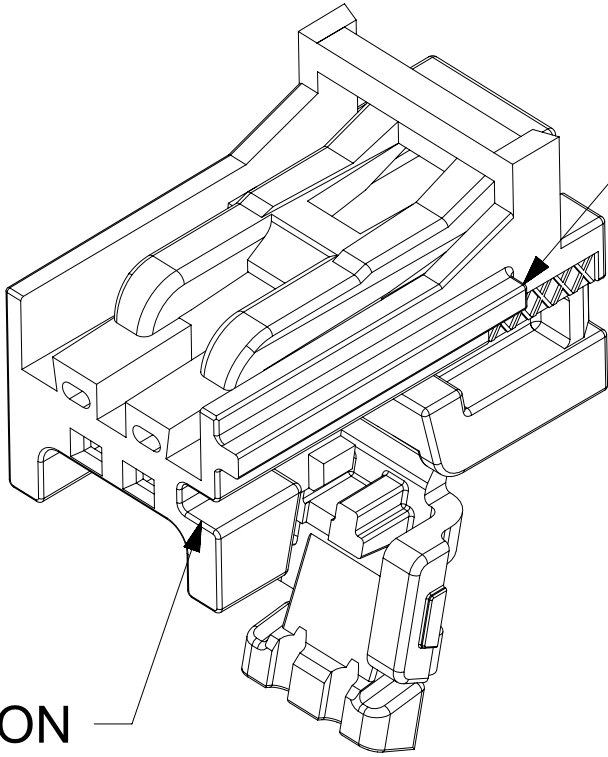
8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION A



8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION B



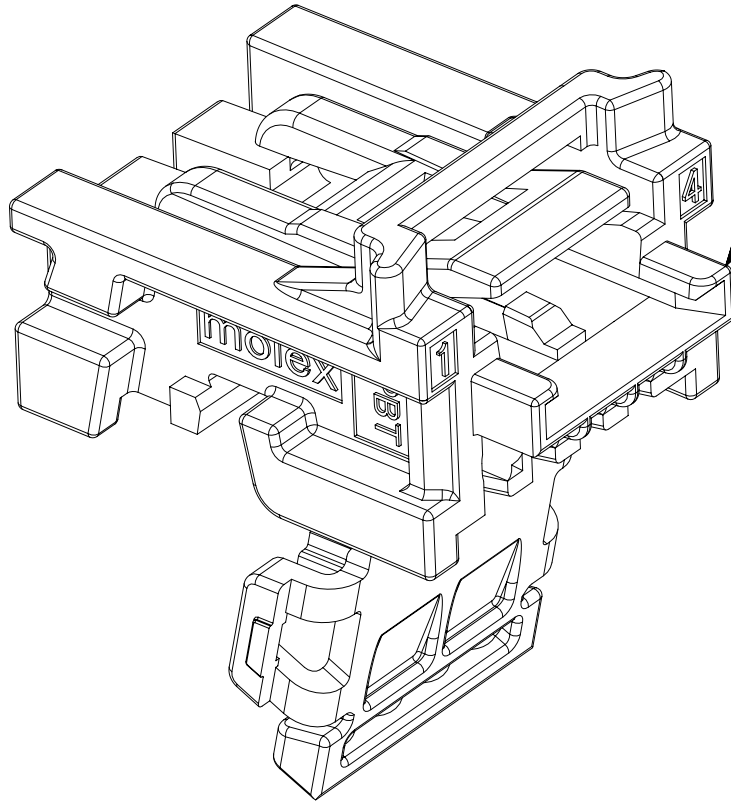
8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION C



2 CIRCUIT RECEPTACLE SHOWN
(AS SHIPPED)

POLARIZATION
FEATURE
LOCATION

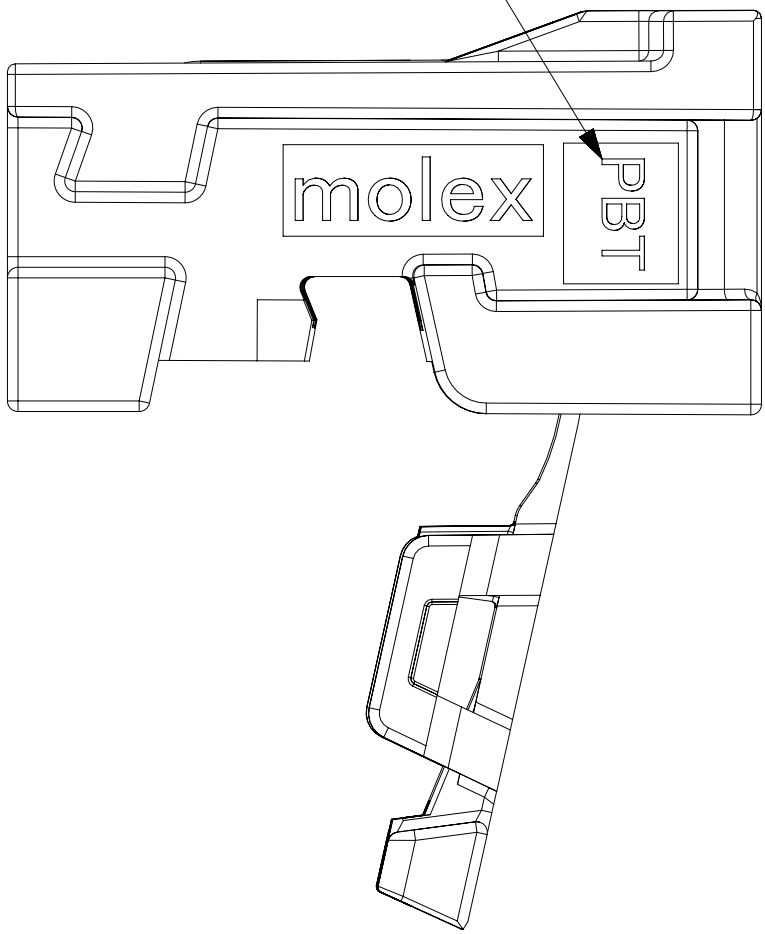
POLARIZATION
FEATURE
LOCATION



4 CIRCUIT RECEPTACLE SHOWN
(AS SHIPPED)

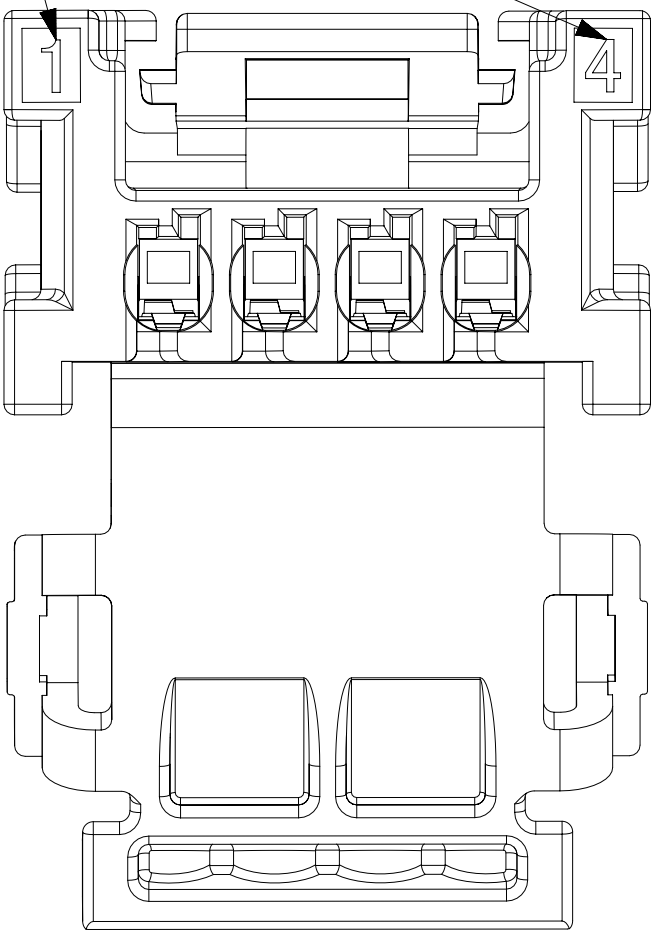
MINI50 WITH BRIDGE OPTION
COMES WITH CPA TRAY
REFER TO SD-34824-003 FOR
CPA-RECEPTACLE ASSEMBLIES

RECYCLING CODE

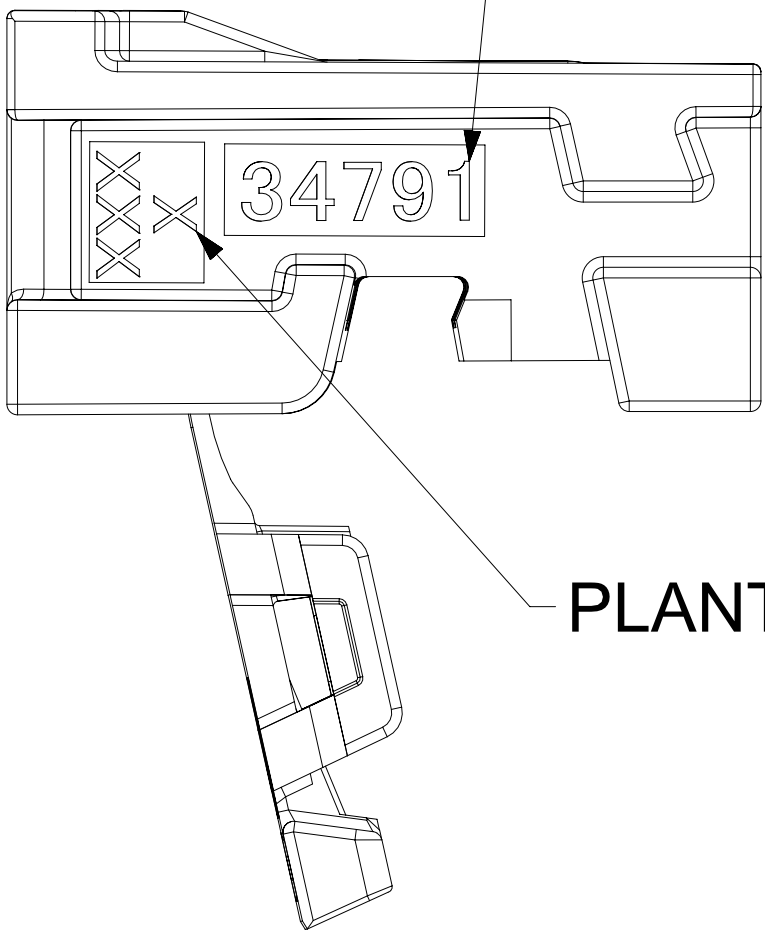


SCALE 7:1

CIRCUIT ID



PART SERIES NUMBER



SCALE 7:1

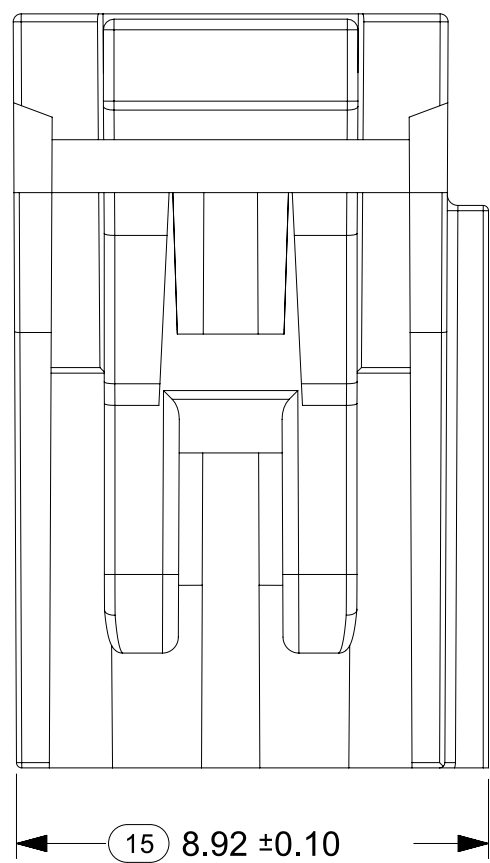
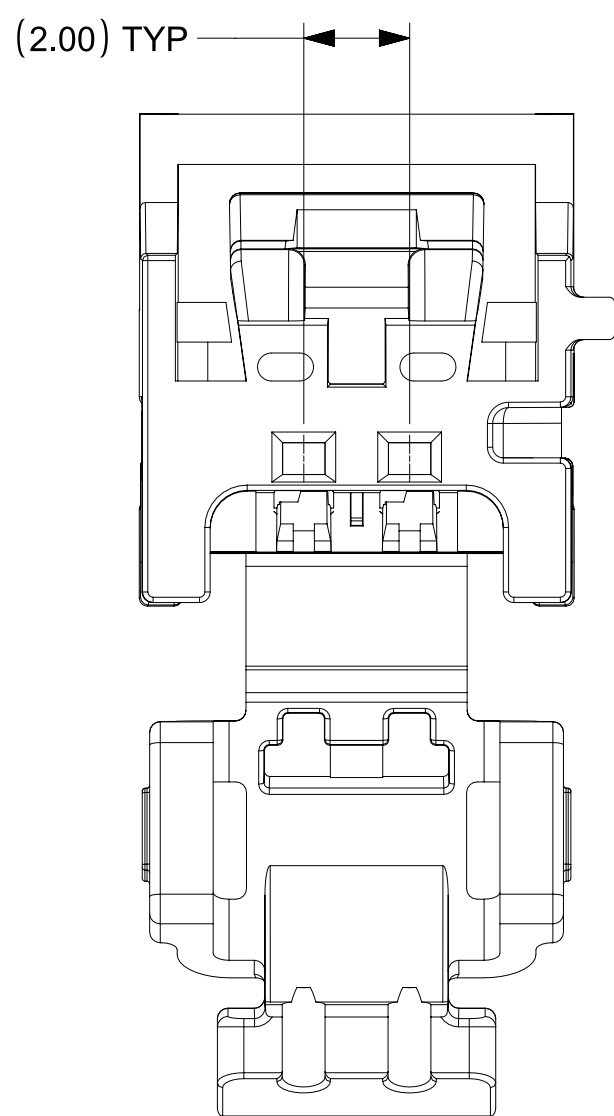
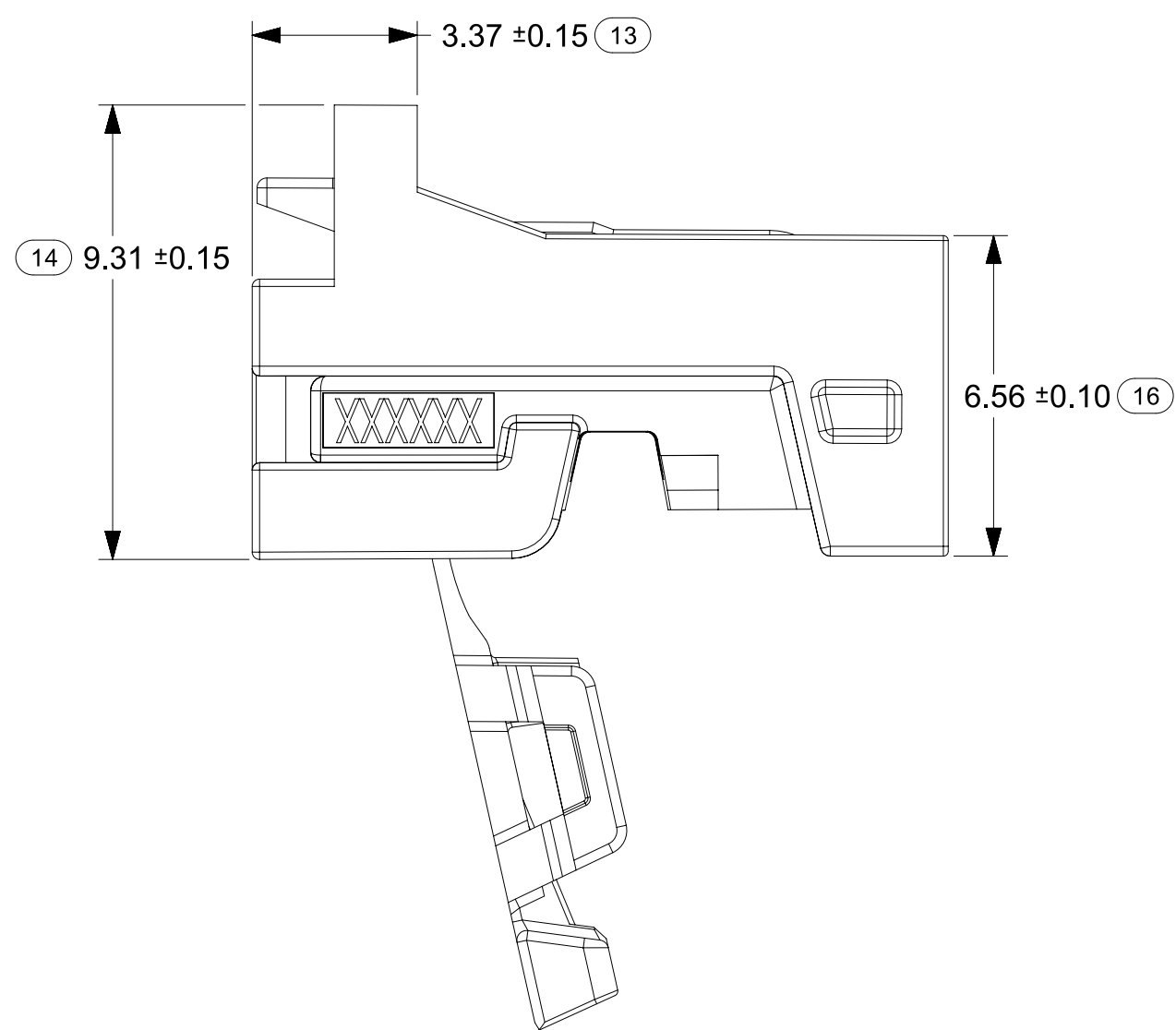
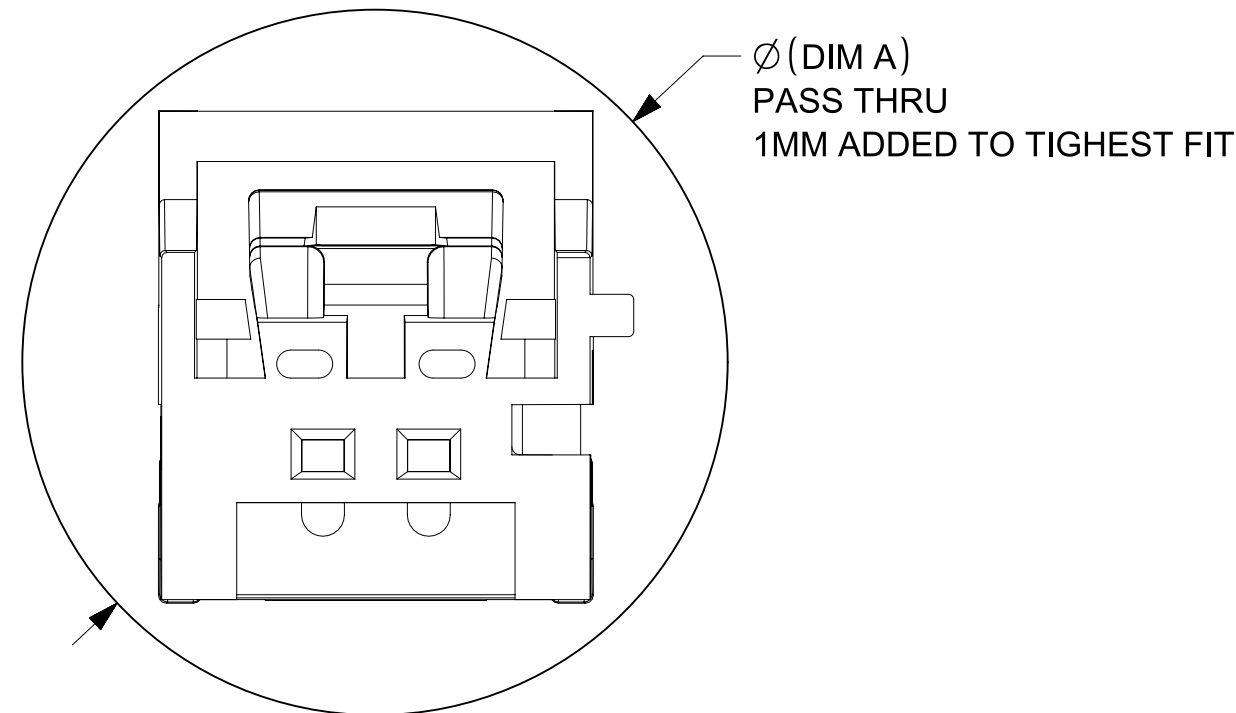
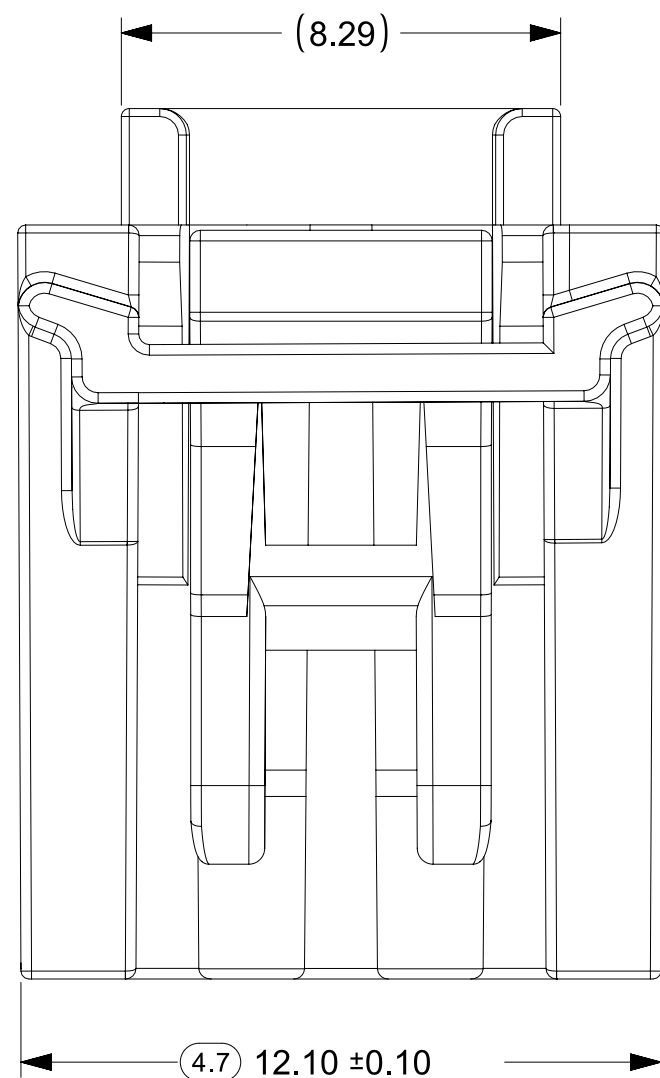
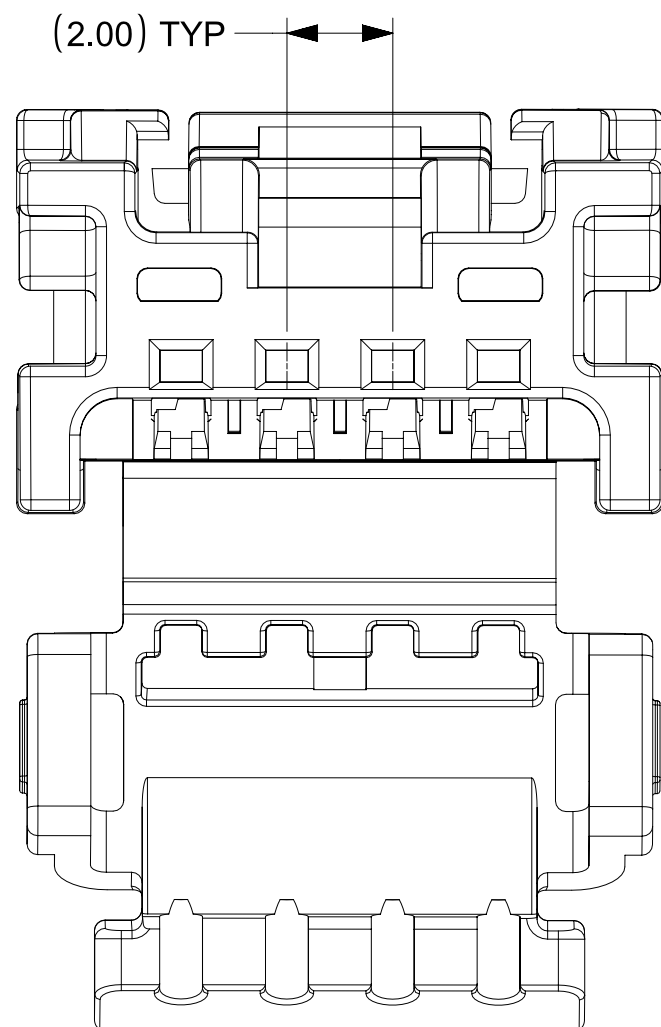
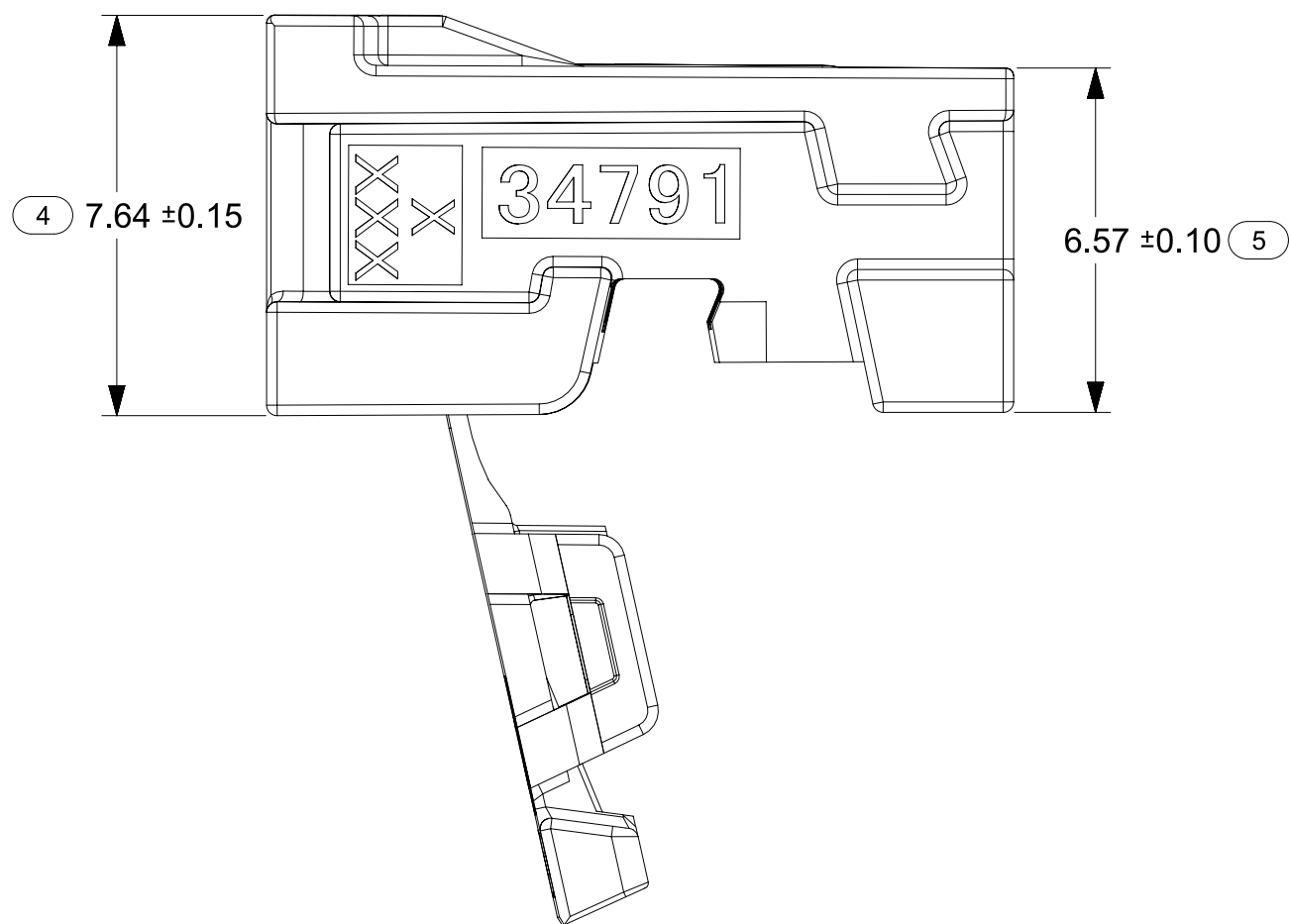
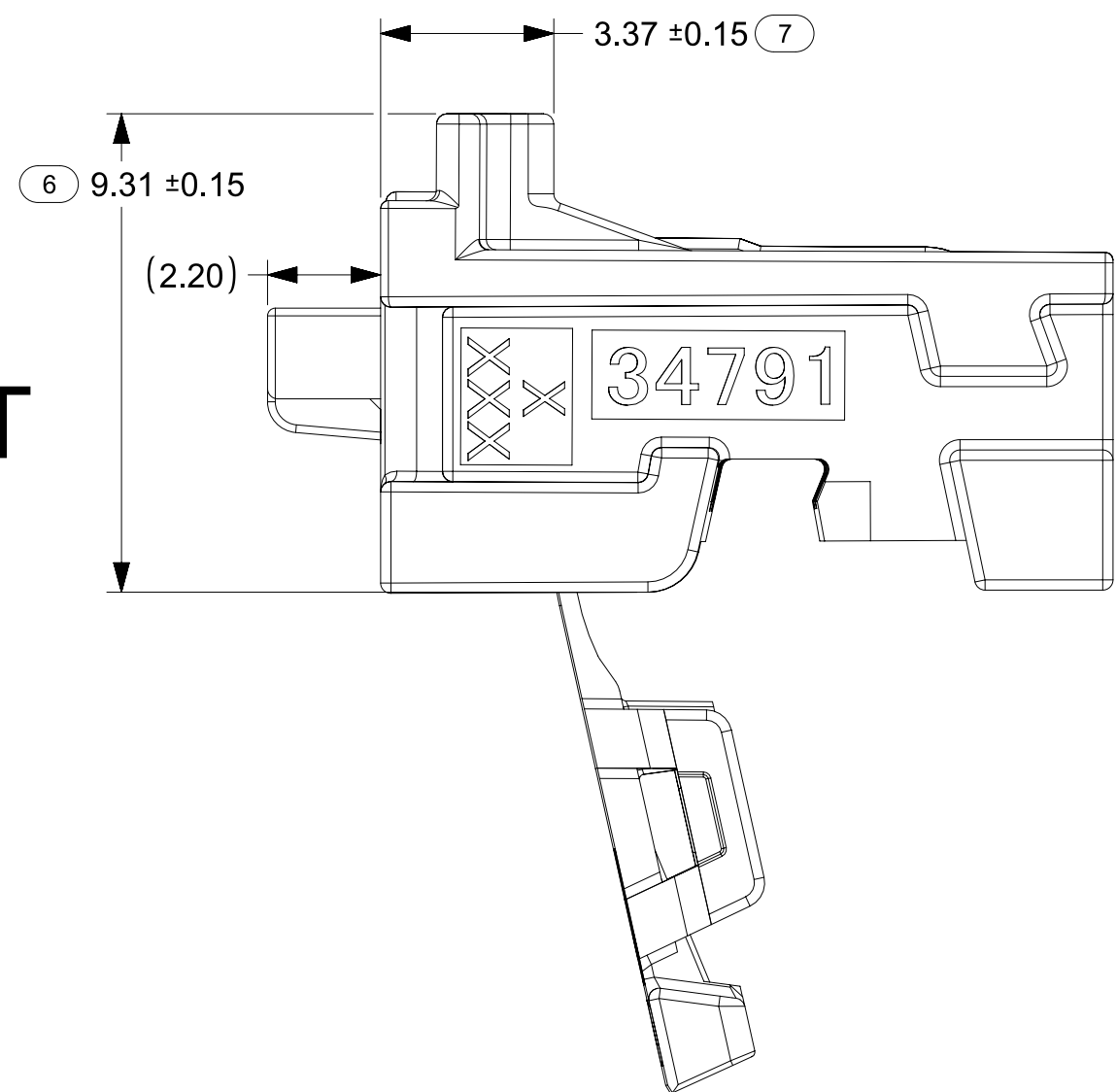
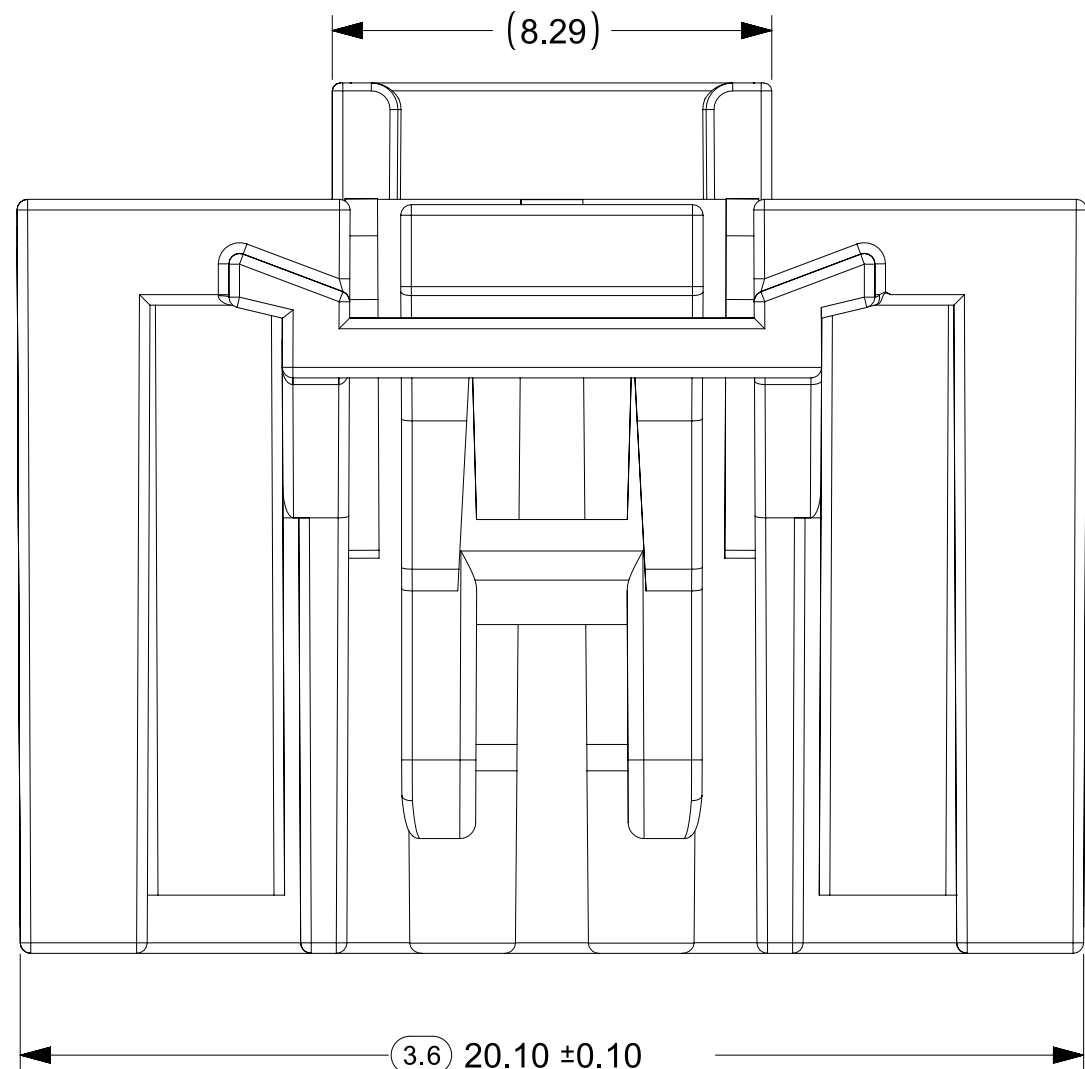
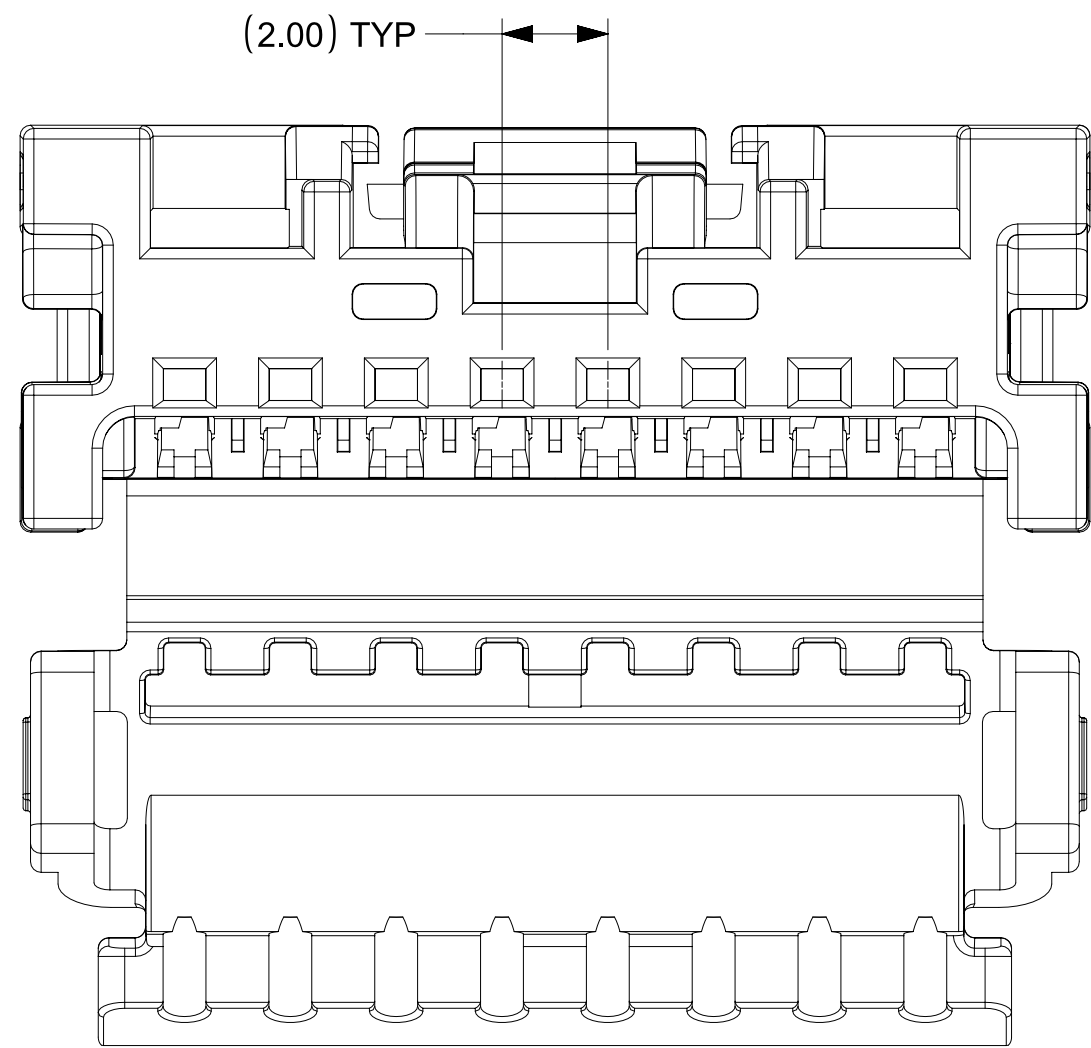
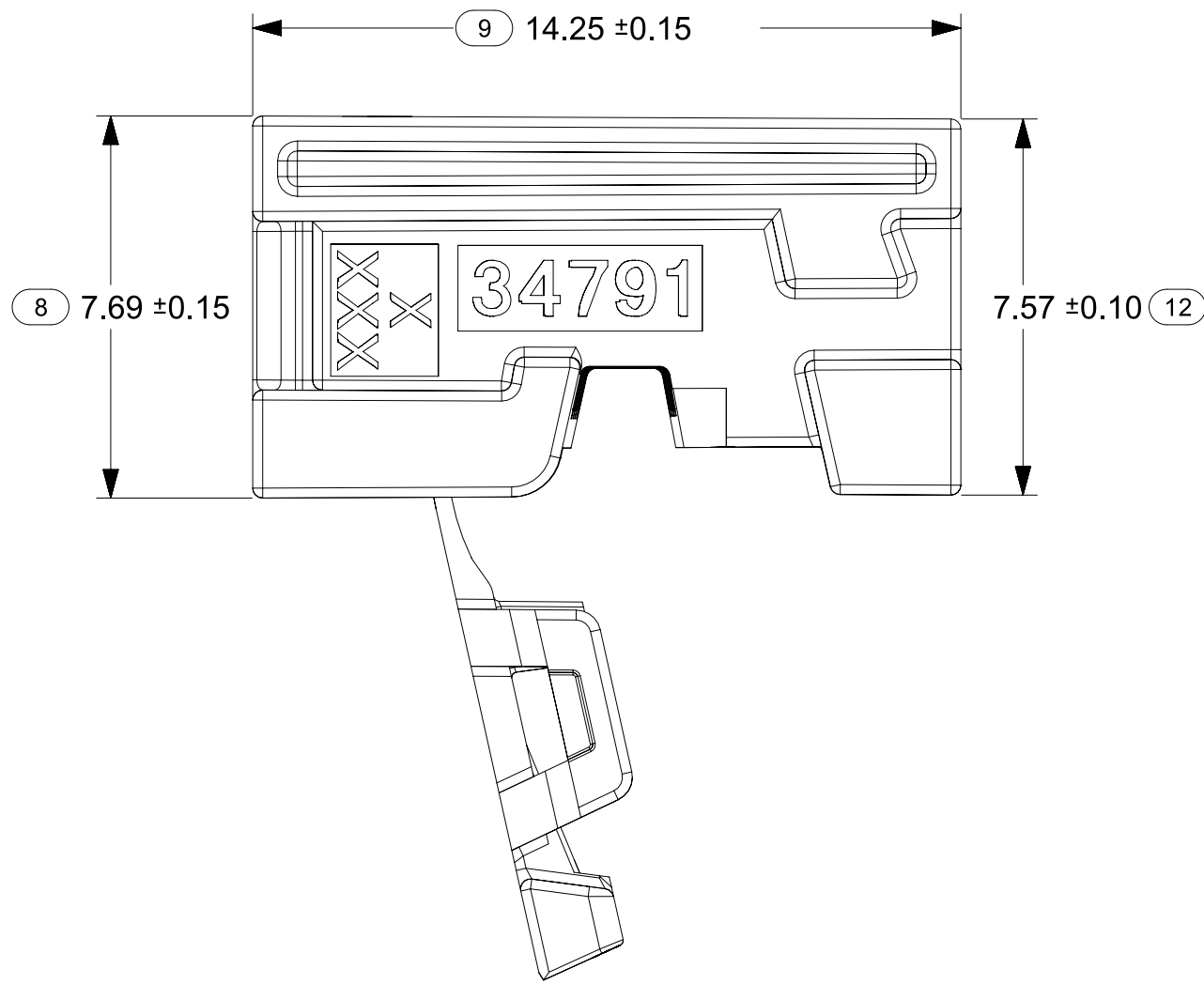
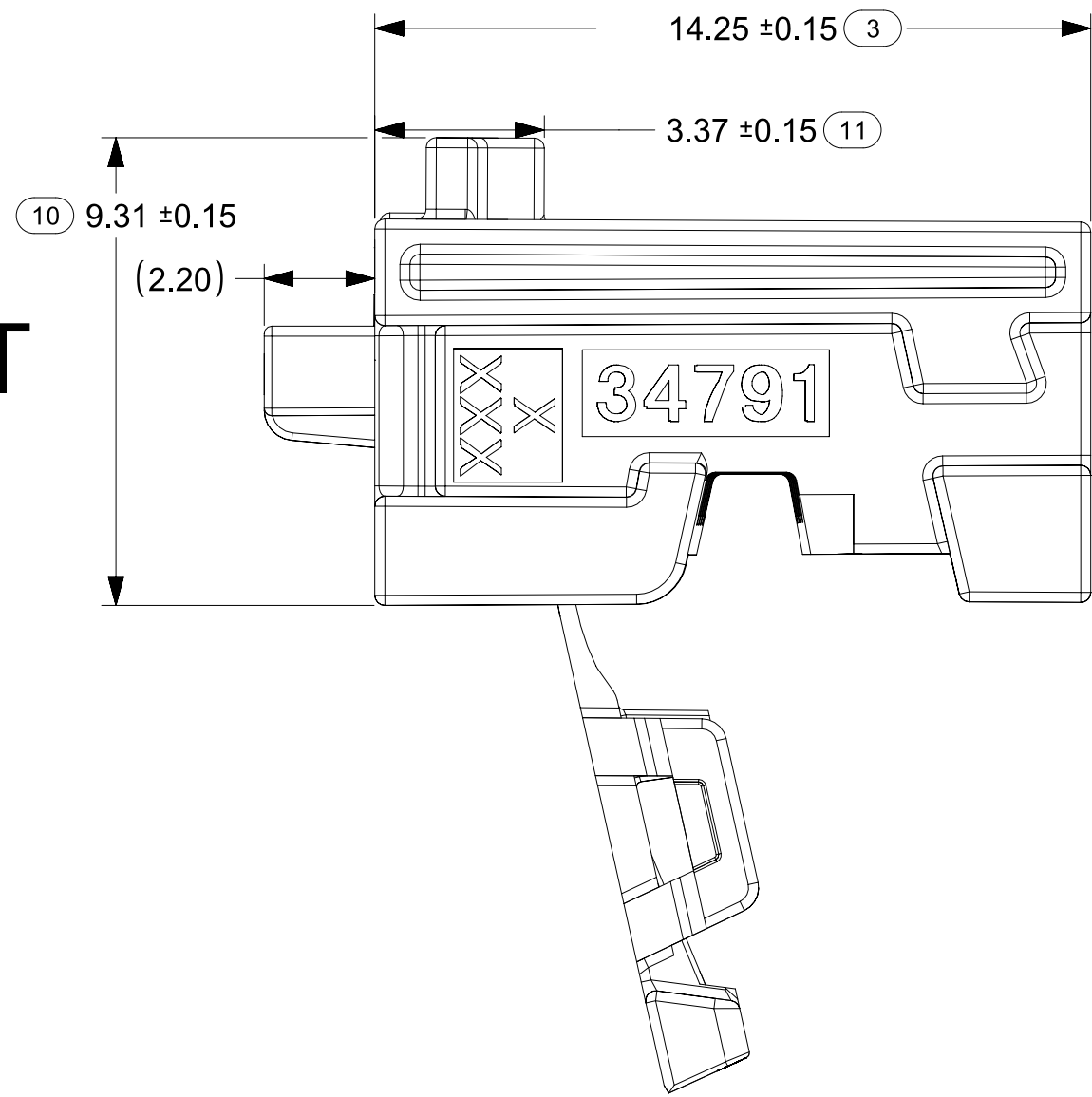
PLANT CODE & CAVITY ID

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE	CURRENT REV DESC:					molex			
	MM	5:1										
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			MINI50 SINGLE ROW RECEPTACLE SALES DWG								
	ANGULAR TOL ± 0.5°											
	4 PLACES	±										
	3 PLACES	±		PRODUCT SALES DRAWING								
	2 PLACES	±										
	1 PLACE	±		DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION		
	0 PLACES	±		SD-34791-001				PSD	000	L8		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
			D-SIZE	34791			GENERAL MARKET		2 OF 4			

8 CIRCUIT

4 CIRCUIT

2 CIRCUIT



FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex				
MM		7:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)												
ANGULAR TOL		± 0.5°						MINI50 SINGLE ROW RECEPTACLE SALES DWG				
4 PLACES		±										
3 PLACES		±										
DIVISIONAL SYMBOLS		2 PLACES		±		PRODUCT SALES DRAWING						
1 PLACE		±		2023-10-20		DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION	
0 PLACES		±		2023-10-25		SD-34791-001		PSD		000	L8	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				D-SIZE		34791				GENERAL MARKET		3 OF 4

MINI50 RECEPTACLES

MATERIAL NUMBER BULK PACKAGING PK-31301-538	LOCK BRIDGE OPTION	CONFIGURATION	CIRCUIT	POL	COLOR	DIM A	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	TAPE AND REEL PACKAGING PK-47799-0001	TRAY PACKAGING PK-31301-440	TUBE PACKAGING PK-31301-688	TAPE AND REEL PACKAGING PK-47799-0001
34791-0040	NO	USCAR COMPATIBLE	4	A	BLACK	15.26	34912-8040	34912-9040	34912-6040	34912-5040	34792-0040	34792-9040	34792-8040	34793-0040	34793-9040	34793-8040
34791-0041	NO	USCAR COMPATIBLE	4	B	GRAY		34912-8041	34912-9041	34912-6041	34912-5041	34792-0041	34792-9041	34792-8041	34793-0041	34793-9041	34793-8041
34791-0042	NO	USCAR COMPATIBLE	4	C	DARK GRAY		34912-8042	34912-9042	34912-6042	34912-5042	34792-0042	34792-9042	34792-8042	34793-0042	34793-9042	34793-8042
34791-0043	NO	USCAR COMPATIBLE	4	D	GREEN		34912-8043	34912-9043	34912-6043	34912-5043	34792-0043	34792-9043	34792-8043	34793-0043	34793-9043	34793-8043
34791-0080	NO	USCAR COMPATIBLE	8	A	BLACK	22.52	34912-8080	34912-9080	34912-6080	34912-5080	34792-0080	34792-9080	34792-8080	34793-0080	34793-9080	34793-8080
34791-0081	NO	USCAR COMPATIBLE	8	B	GRAY		34912-8081	34912-9081	34912-6081	34912-5081	34792-0081	34792-9081	34792-8081	34793-0081	34793-9081	34793-8081
34791-0082	NO	USCAR COMPATIBLE	8	C	DARK GRAY		34912-8082	34912-9082	34912-6082	34912-5082	34792-0082	34792-9082	34792-8082	34793-0082	34793-9082	34793-8082
34791-0140	YES	USCAR COMPATIBLE	4	A	BLACK		34912-8040	34912-9040	34912-6040	34912-5040	34792-0040	34792-9040	34792-8040	34793-0040	34793-9040	34793-8040
34791-0141	YES	USCAR COMPATIBLE	4	B	GRAY	16.09	34912-8041	34912-9041	34912-6041	34912-5041	34792-0041	34792-9041	34792-8041	34793-0041	34793-9041	34793-8041
34791-0142	YES	USCAR COMPATIBLE	4	C	DARK GRAY		34912-8042	34912-9042	34912-6042	34912-5042	34792-0042	34792-9042	34792-8042	34793-0042	34793-9042	34793-8042
34791-0143	YES	USCAR COMPATIBLE	4	D	GREEN		34912-8043	34912-9043	34912-6043	34912-5043	34792-0043	34792-9043	34792-8043	34793-0043	34793-9043	34793-8043
34791-0180	YES	USCAR COMPATIBLE	8	A	BLACK		34912-8080	34912-9080	34912-6080	34912-5080	34792-0080	34792-9080	34792-8080	34793-0080	34793-9080	34793-8080
34791-0181	YES	USCAR COMPATIBLE	8	B	GRAY	22.52	34912-8081	34912-9081	34912-6081	34912-5081	34792-0081	34792-9081	34792-8081	34793-0081	34793-9081	34793-8081
34791-0182	YES	USCAR COMPATIBLE	8	C	DARK GRAY		34912-8082	34912-9082	34912-6082	34912-5082	34792-0082	34792-9082	34792-8082	34793-0082	34793-9082	34793-8082
34791-0020	YES	MOLEX	2	A	BLACK		34912-8020	34912-9020	34912-6020	34912-5020	N/A	N/A	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	N/A	N/A
34791-0022	YES	MOLEX	2	C	DARK GRAY	13.33	34912-8022	34912-9022	34912-6022	34912-5022	N/A	N/A	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	N/A	N/A

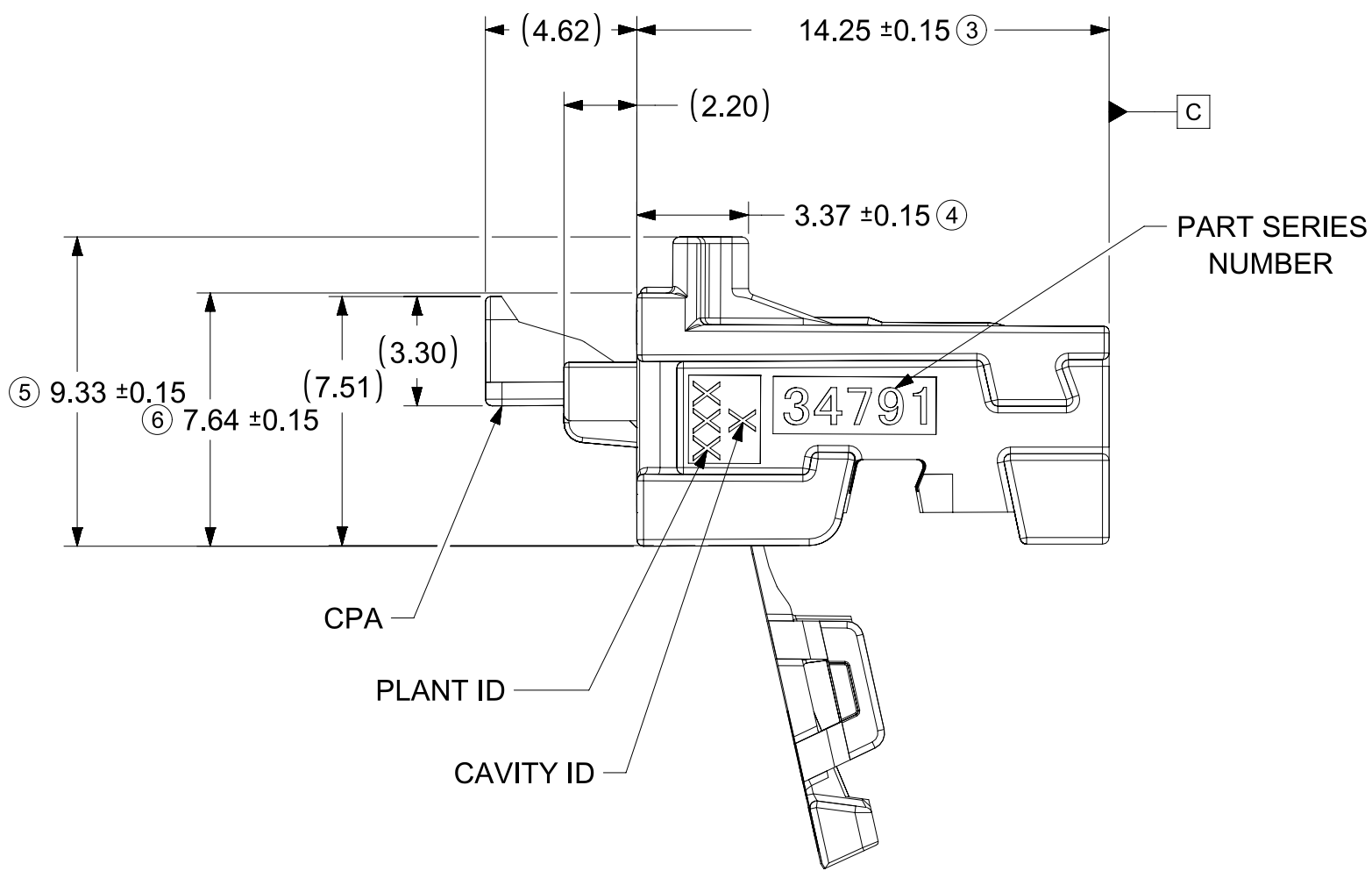
CTX50 UNSEALED RECEPTACLE TERMINALS

PART NUMBER		MATERIAL	WIRE GAGE (mm²)	GRIP	STATUS
D-WIND (LEFT PAYOFF)	B-WIND (RIGHT PAYOFF)				
560023-0448	560023-0450	COPPER ALLOY	0.35	LARGE	PLAN OBSOLESCENCE IN 2024
560023-0421	560023-0423	COPPER ALLOY	0.22	MEDIUM	PLAN OBSOLESCENCE IN 2024
560023-0444	560023-0445	COPPER ALLOY	0.13	SMALL	PLAN OBSOLESCENCE IN 2024
560023-0748	560023-0750	COPPER ALLOY	0.35	LARGE	SALEABLE
560023-0721	560023-0723	COPPER ALLOY	0.22	MEDIUM	SALEABLE
560023-0744	560023-0745	COPPER ALLOY	0.13	SMALL	SALEABLE

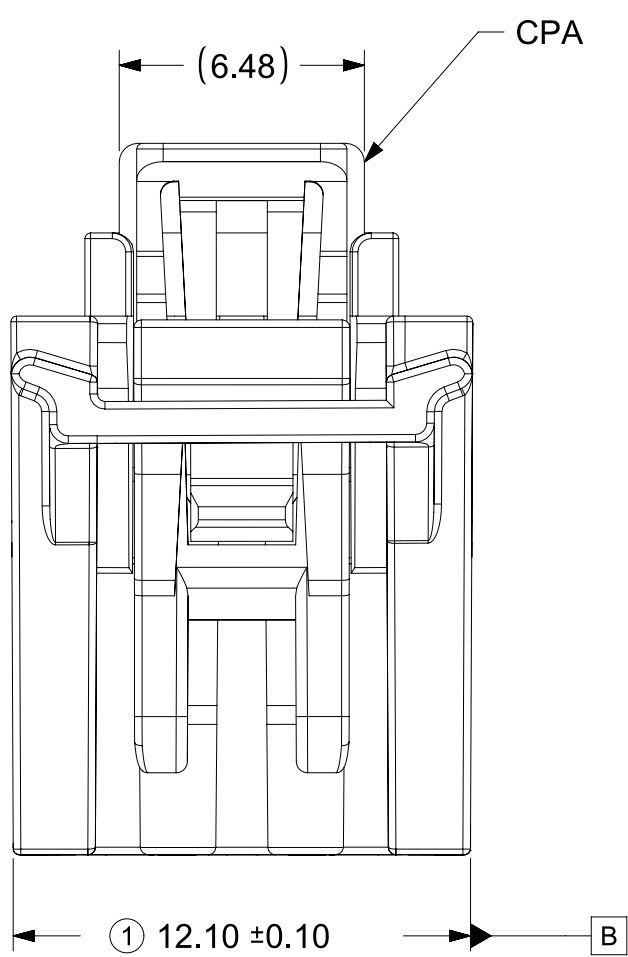
L8

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex MINI50 SINGLE ROW RECEPTACLE SALES DWG						
	MM		7:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)													
	ANGULAR TOL		± 0.5°											
	4 PLACES		±											
	3 PLACES		±											
	2 PLACES		±											
	1 PLACE		±											
	0 PLACES		±											
	STATUS: Production					2023-10-20 2023-10-25 2023-10-30			DOCUMENT NUMBER				DOC TYPE	DOC PART
DRWN: Yann Chen					SD-34791-001				PSD	000	L8			
CHK'D: Gang Li														
APPR: Colin Zhang								MATERIAL NUMBER	CUSTOMER		SHEET NUMBER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING		SERIES		GENERAL MARKET		4 OF 4			

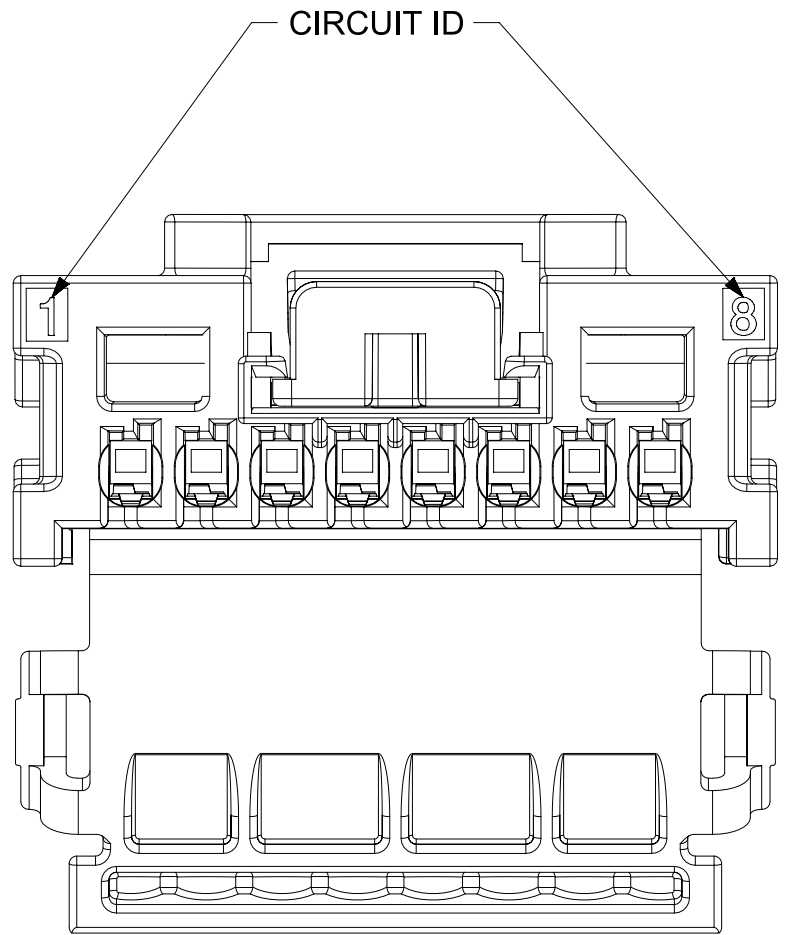
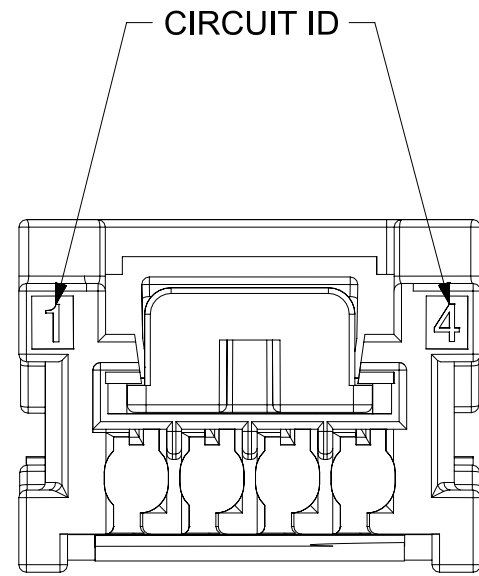
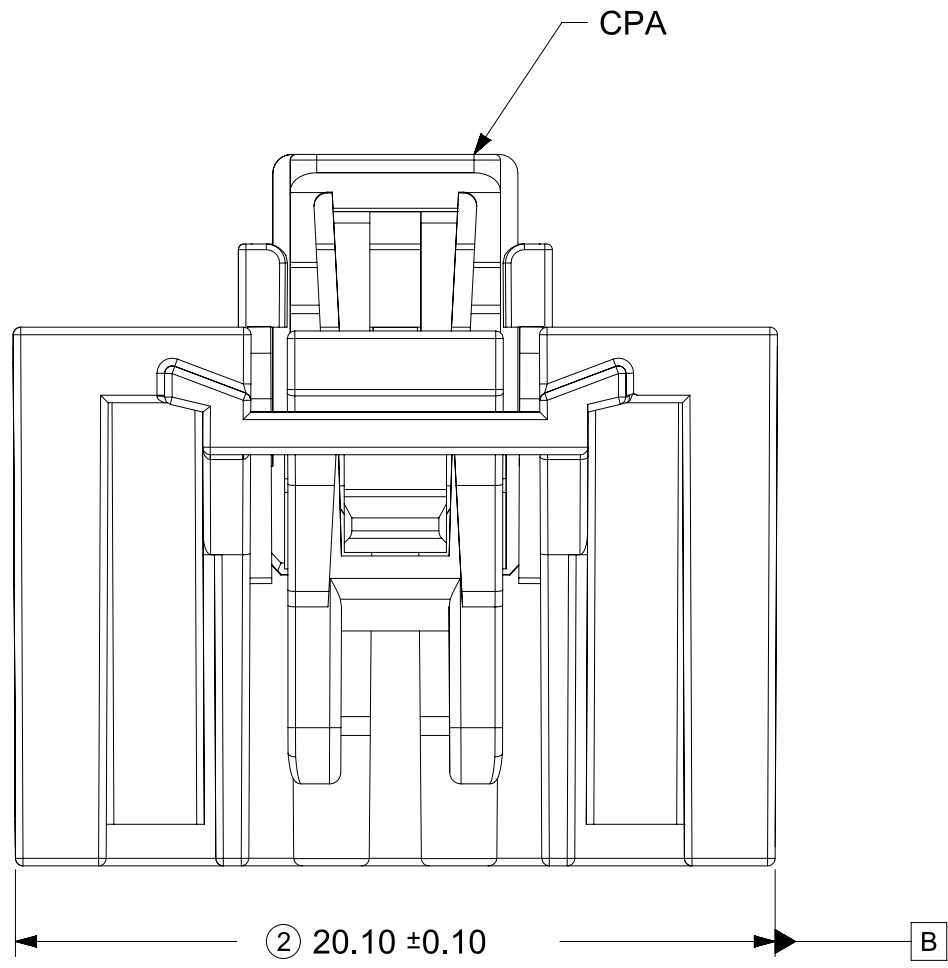
4CKT BRIDGE OPTION WITH CPA IN PRE-LOCK



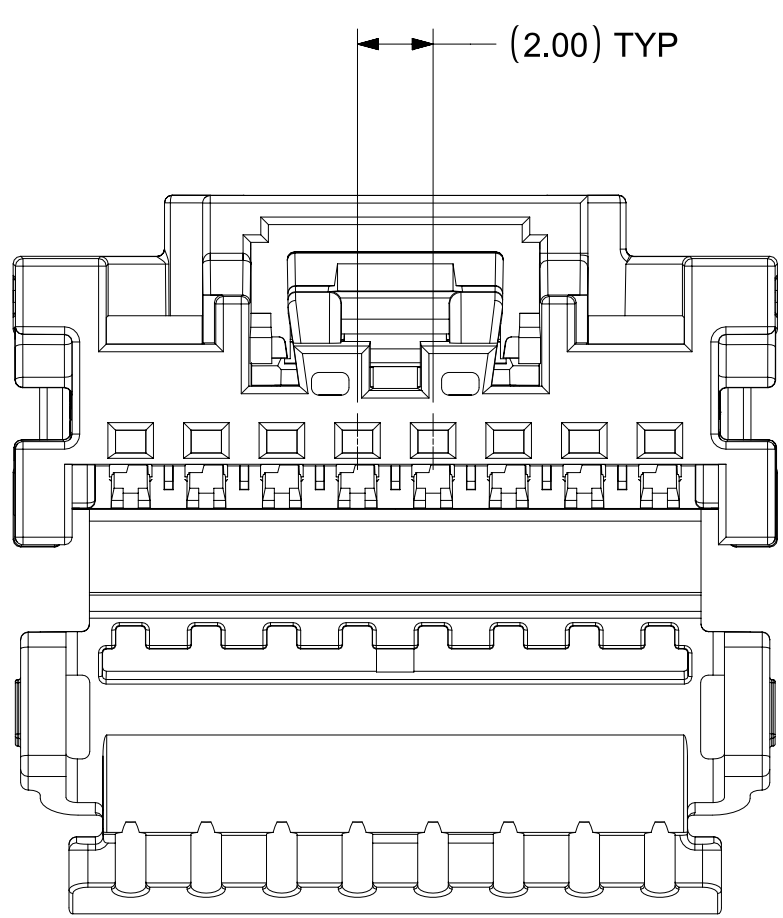
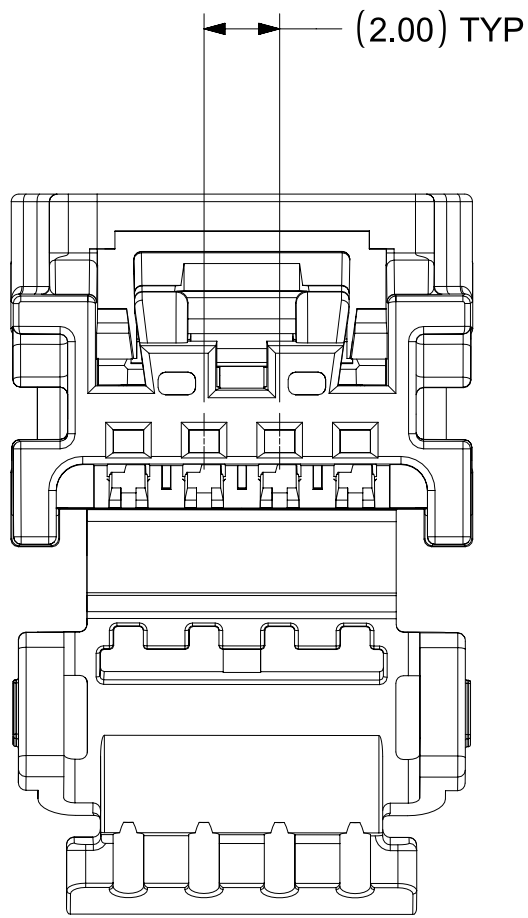
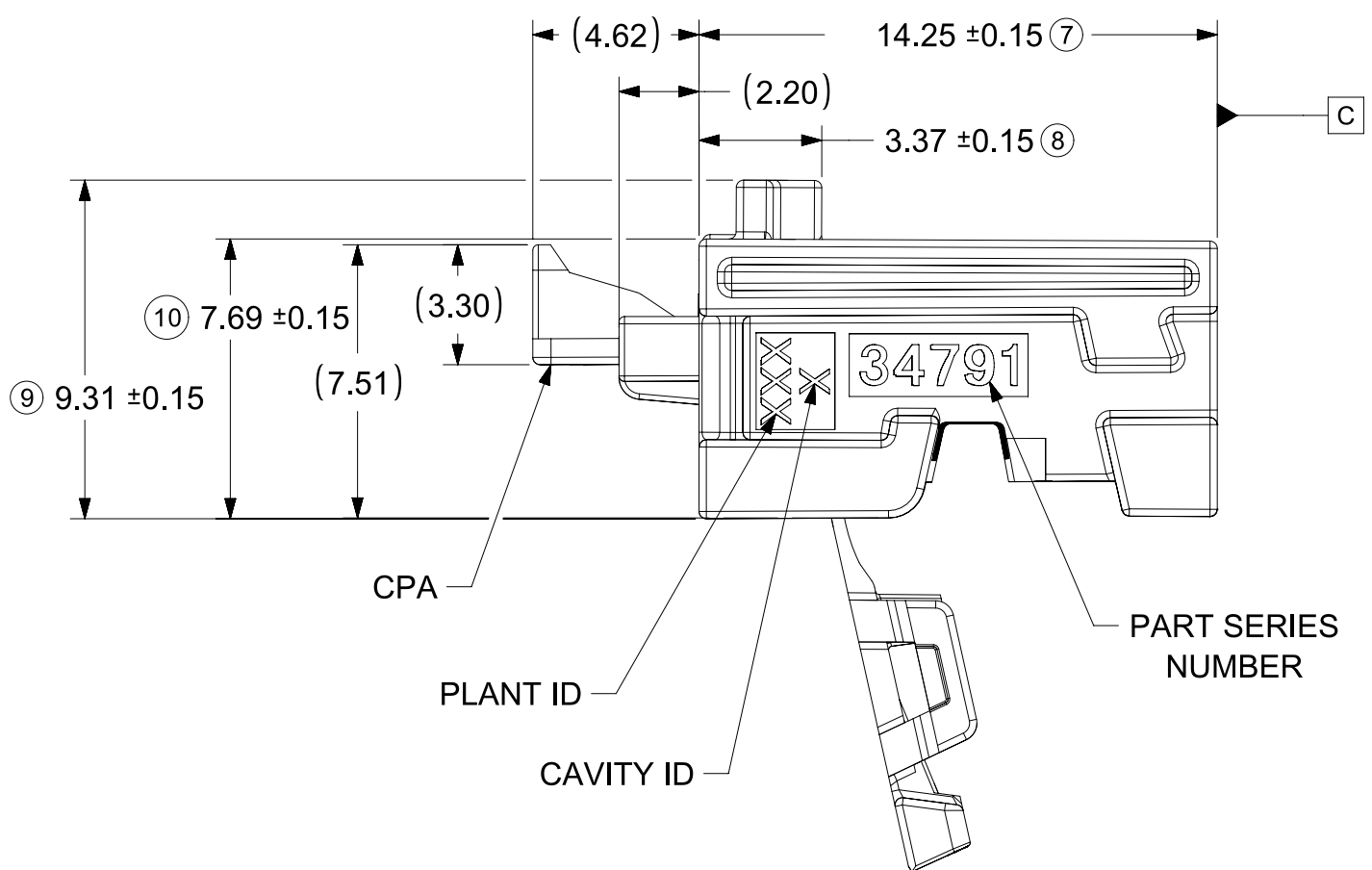
4CKT USCAR
COMPATIBLE
RECEPTACLE WITH CPA



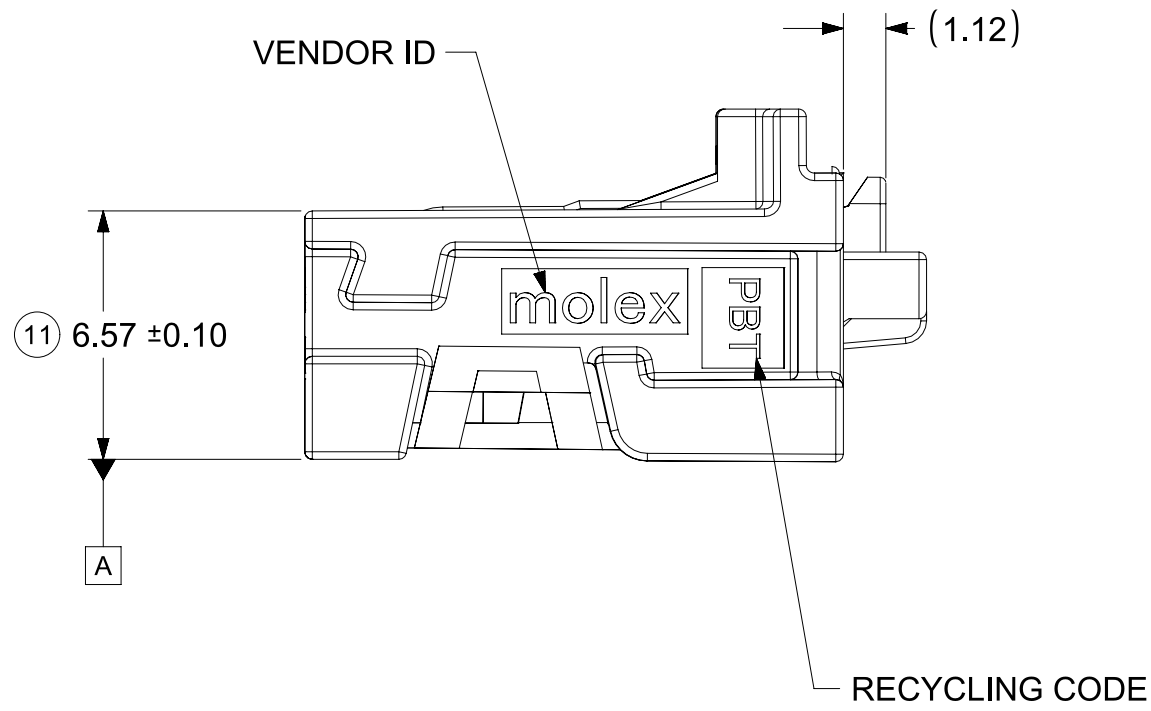
8CKT USCAR
COMPATIBLE
RECEPTACLE WITH CPA



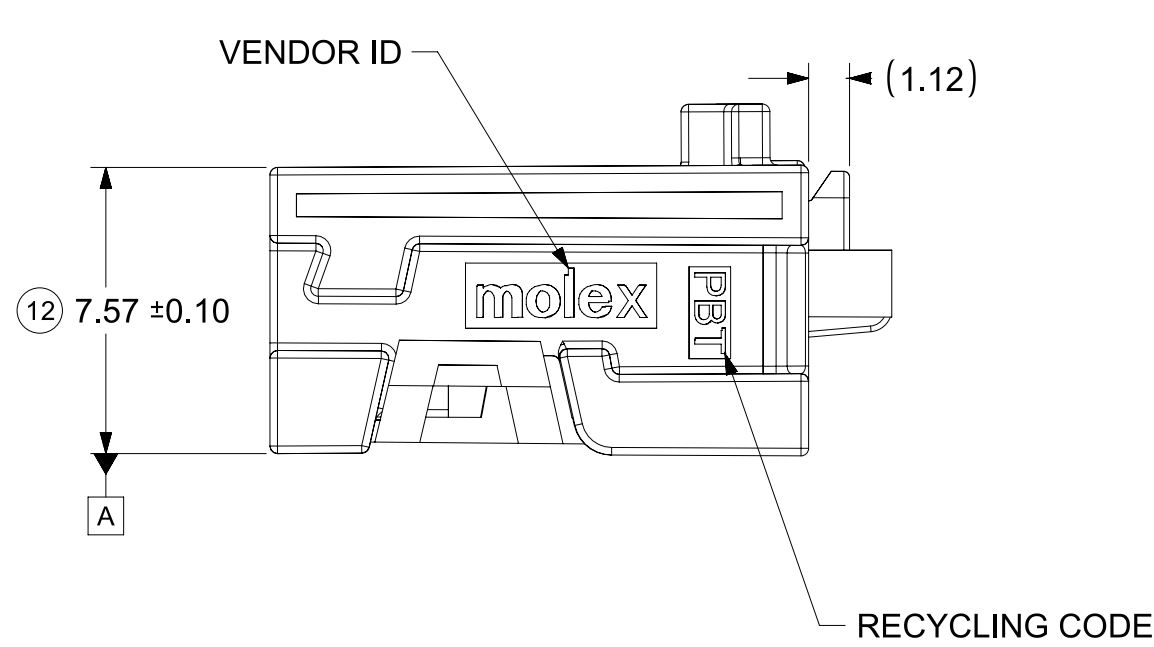
8CKT BRIDGE OPTION WITH CPA IN PRE-LOCK



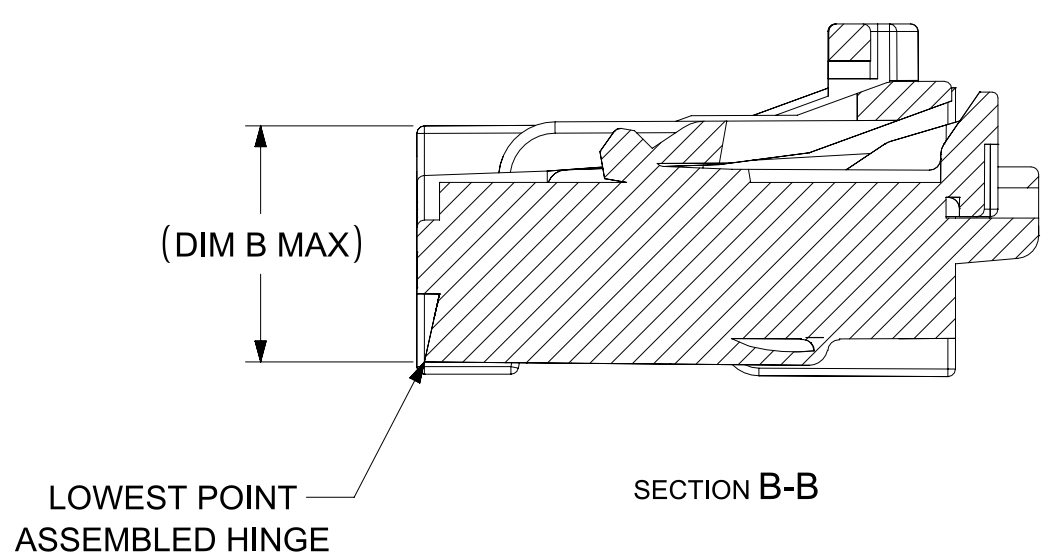
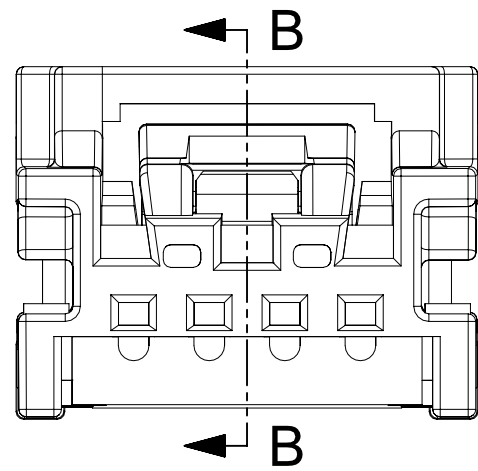
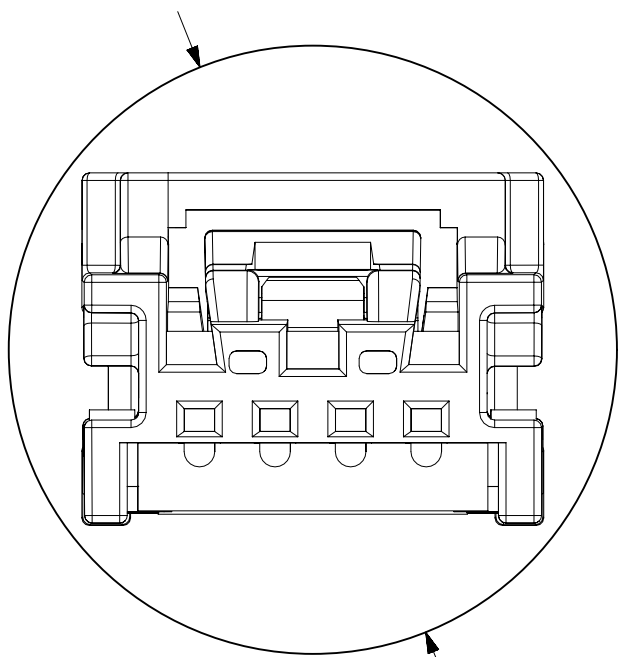
4CKT HINGE CLOSED
CPA IN FINAL POSITION



8CKT HINGE CLOSED
CPA IN FINAL POSITION



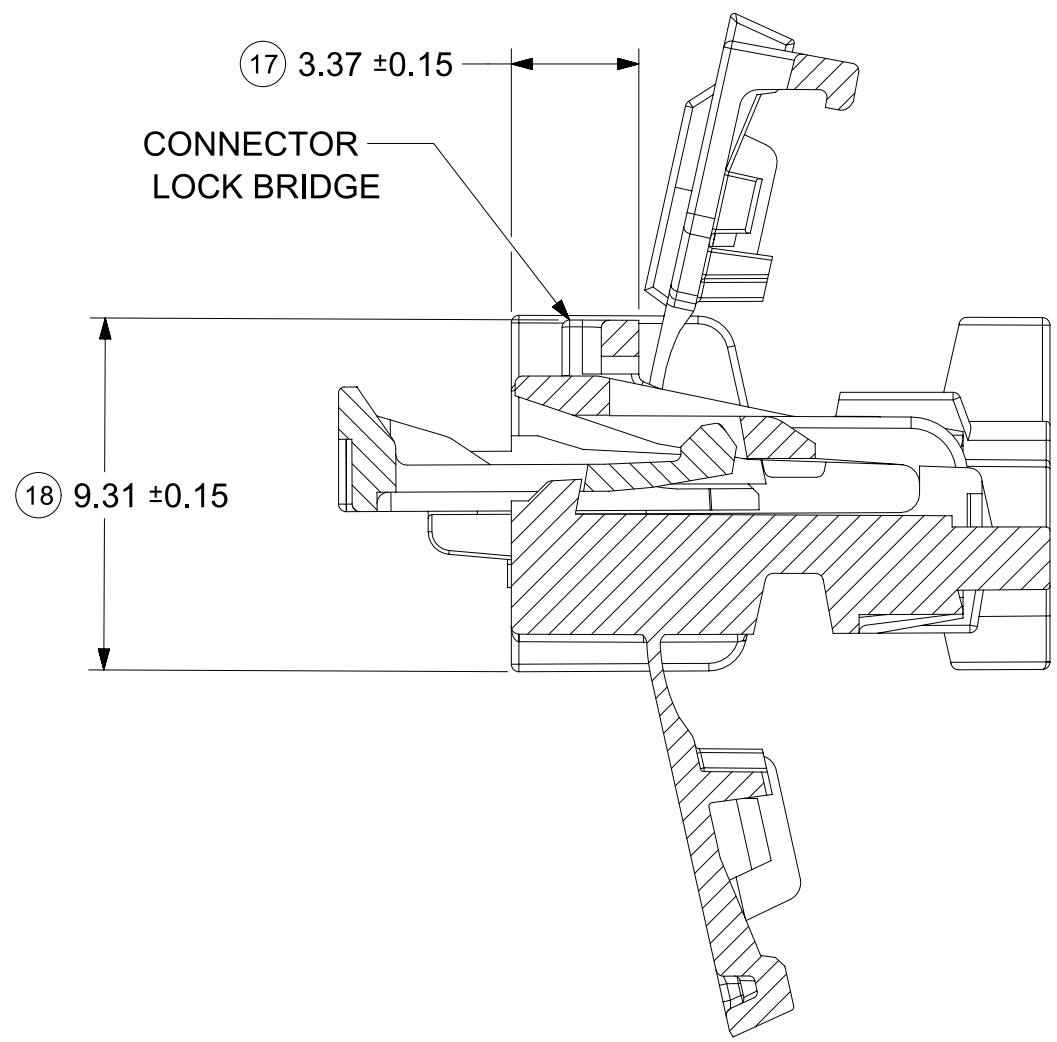
4CKT HINGE CLOSED



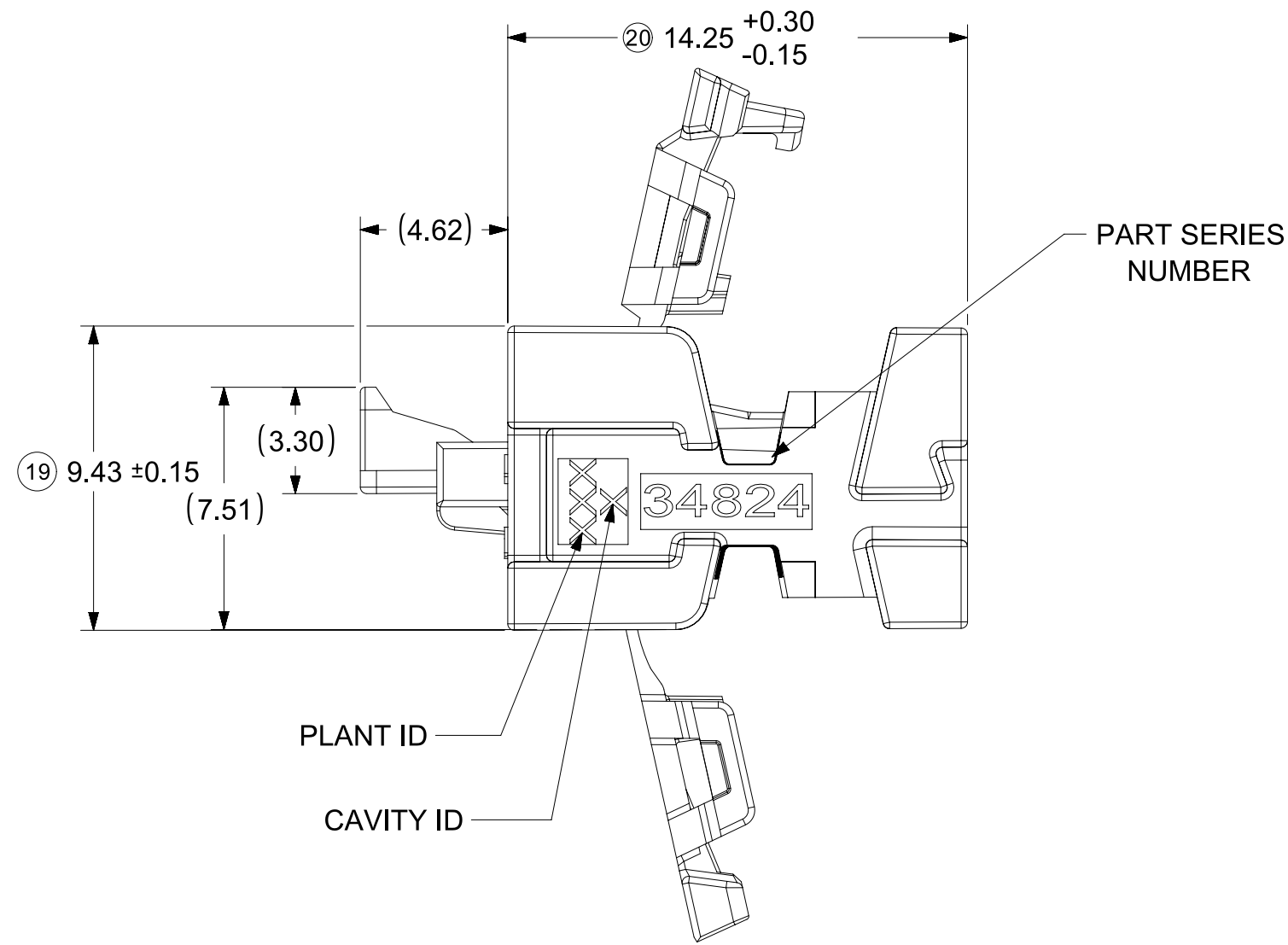
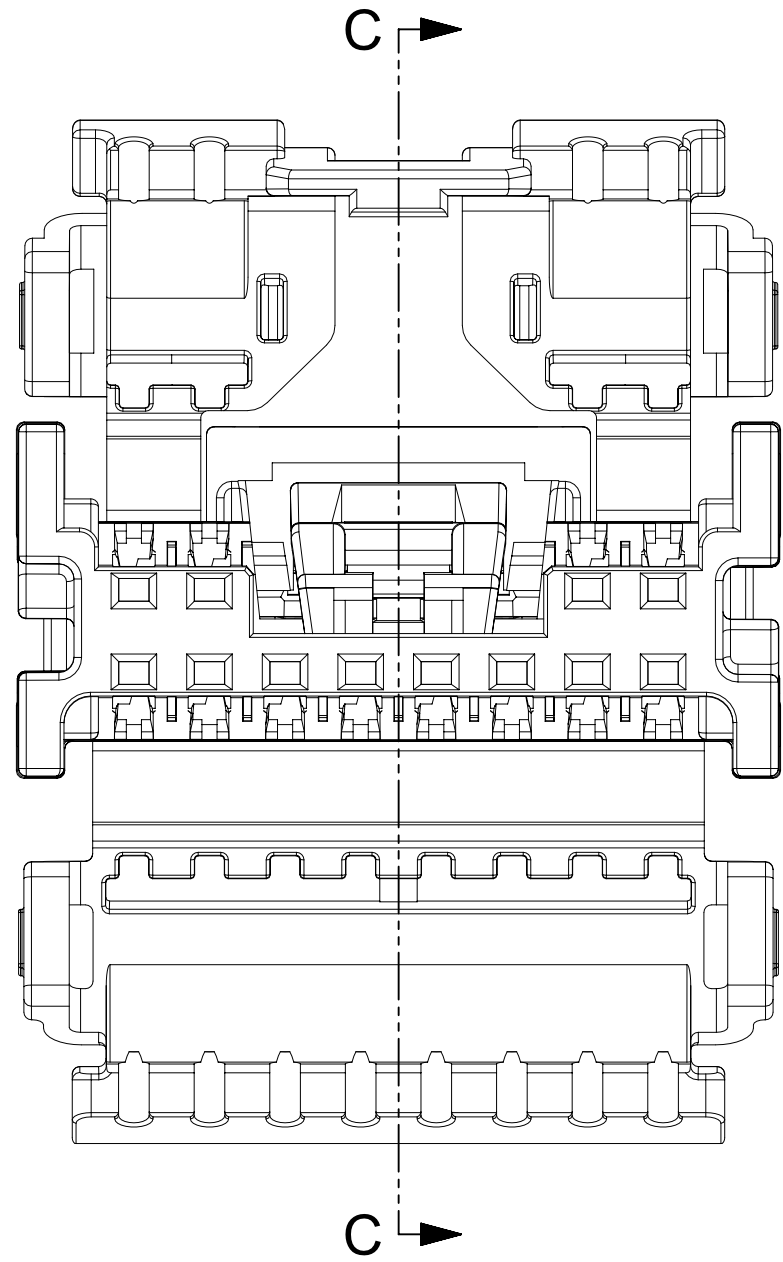
CHARTED DIMENSIONS		
DESCRIPTION	DIMENSION	
	A	B
4 CKT	16.09	6.77
8 CKT	22.52	7.77
12 CKT	23.18	8.47
16 CKT	26.87	8.47
20 CKT	30.65	8.47
24 CKT	34.47	8.47

FUNCTIONAL SYMBOLS FA = 0 FC = 0 FD = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DIMENSION UNITS		SCALE		CURRENT REV DESC:		molex MINI50 RECEPTACLE WITH CPA SALES DRAWING					
	MM		5:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
	ANGULAR TOL ± 1°											
	4 PLACES		±									
	3 PLACES		±		STATUS: Production DRWN: Yann Chen CHK'D: Gang Li APPR: Colin Zhang		2023-10-20 2023-10-25 2023-10-30		PRODUCT SALES DRAWING DOCUMENT NUMBER SD-34824-003 MATERIAL NUMBER CUSTOMER GENERAL MARKET			
	2 PLACES		± 0.100									
	1 PLACE		± 0.20									
	0 PLACES		±									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION								

DUAL ROW LOCK BRIDGE OPTION

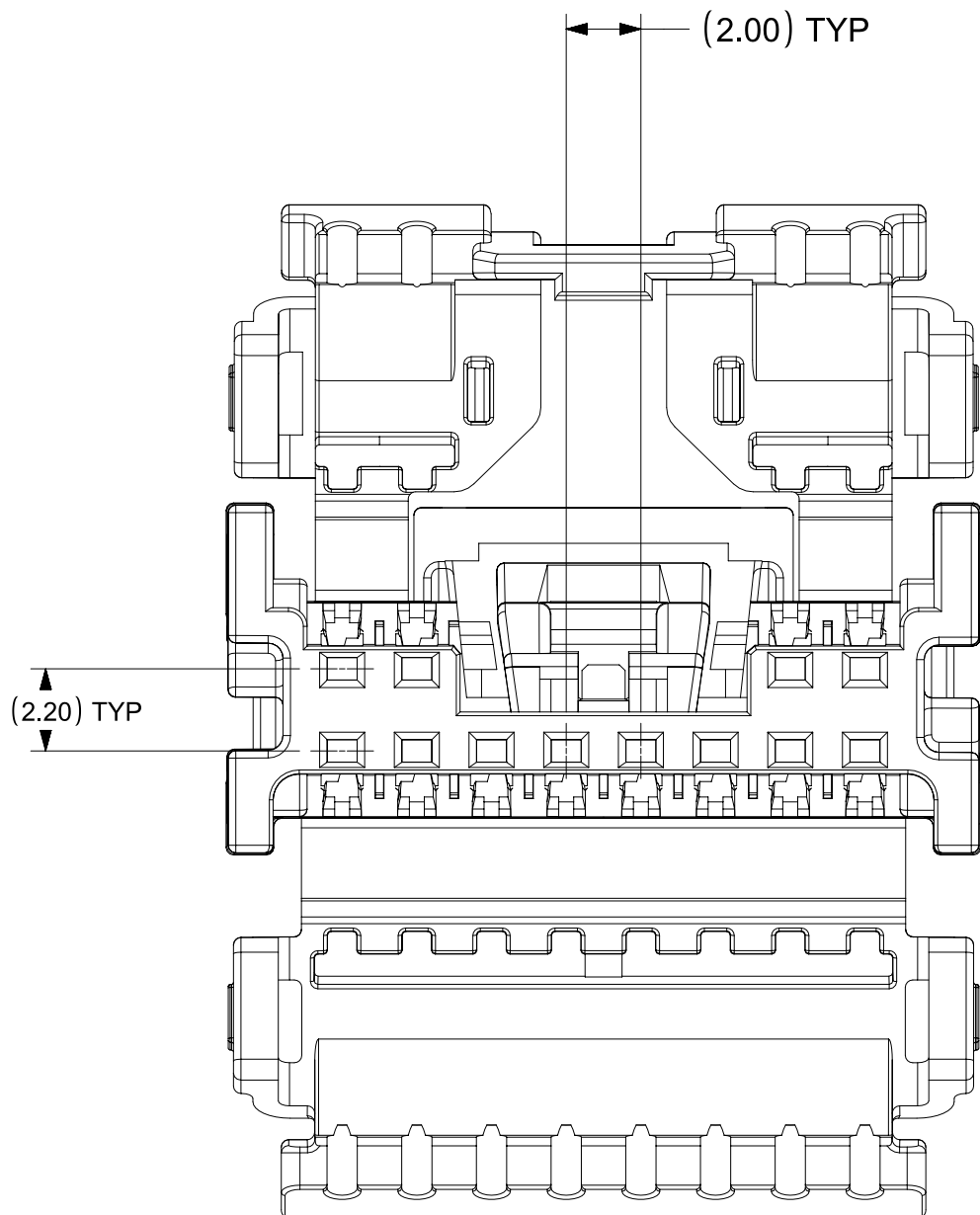
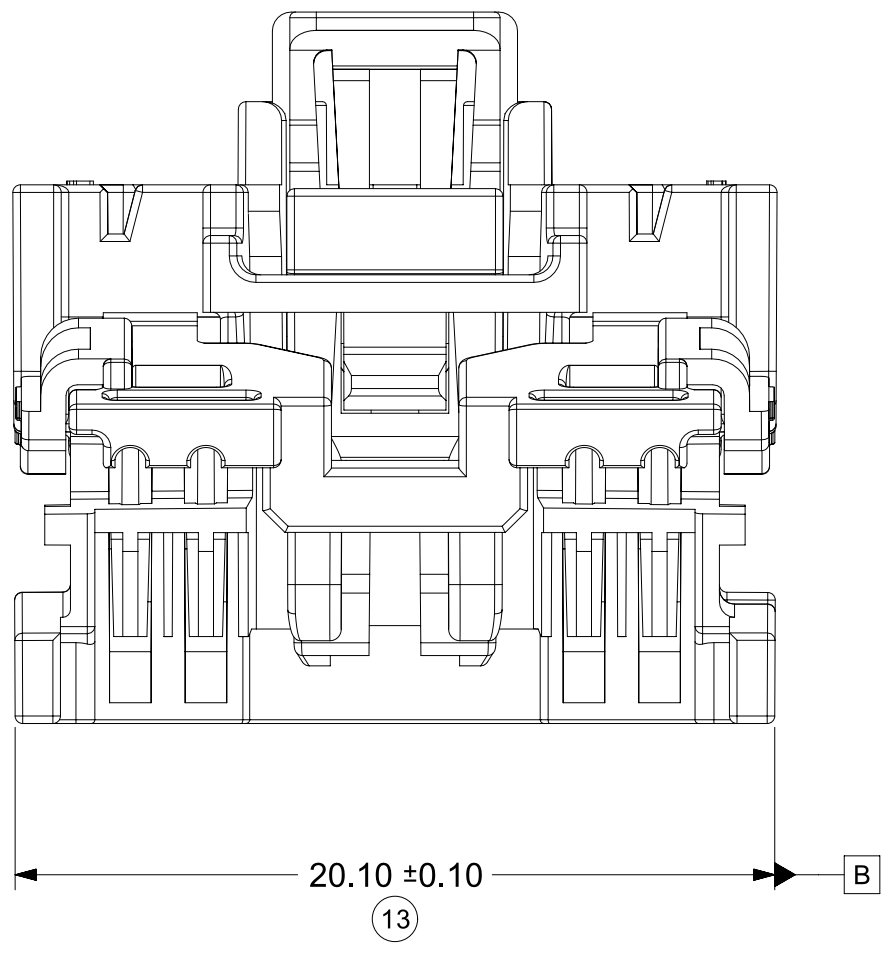


SECTION C-C

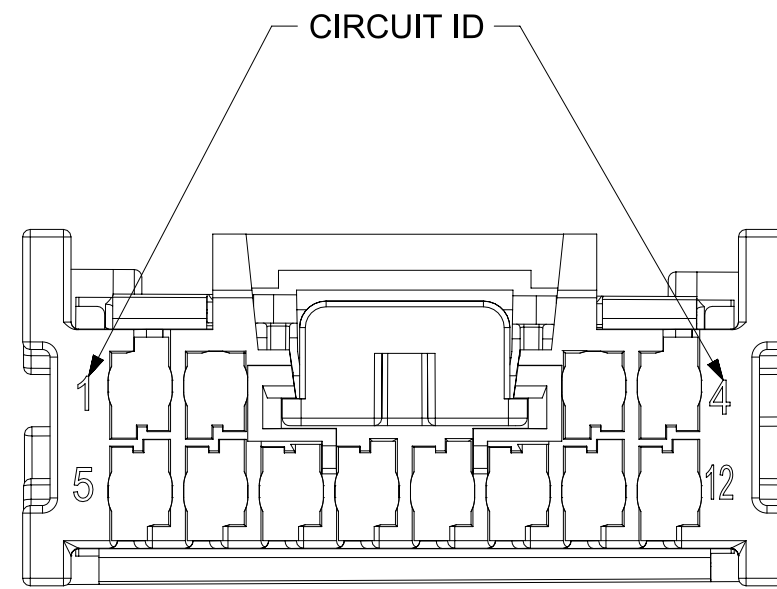
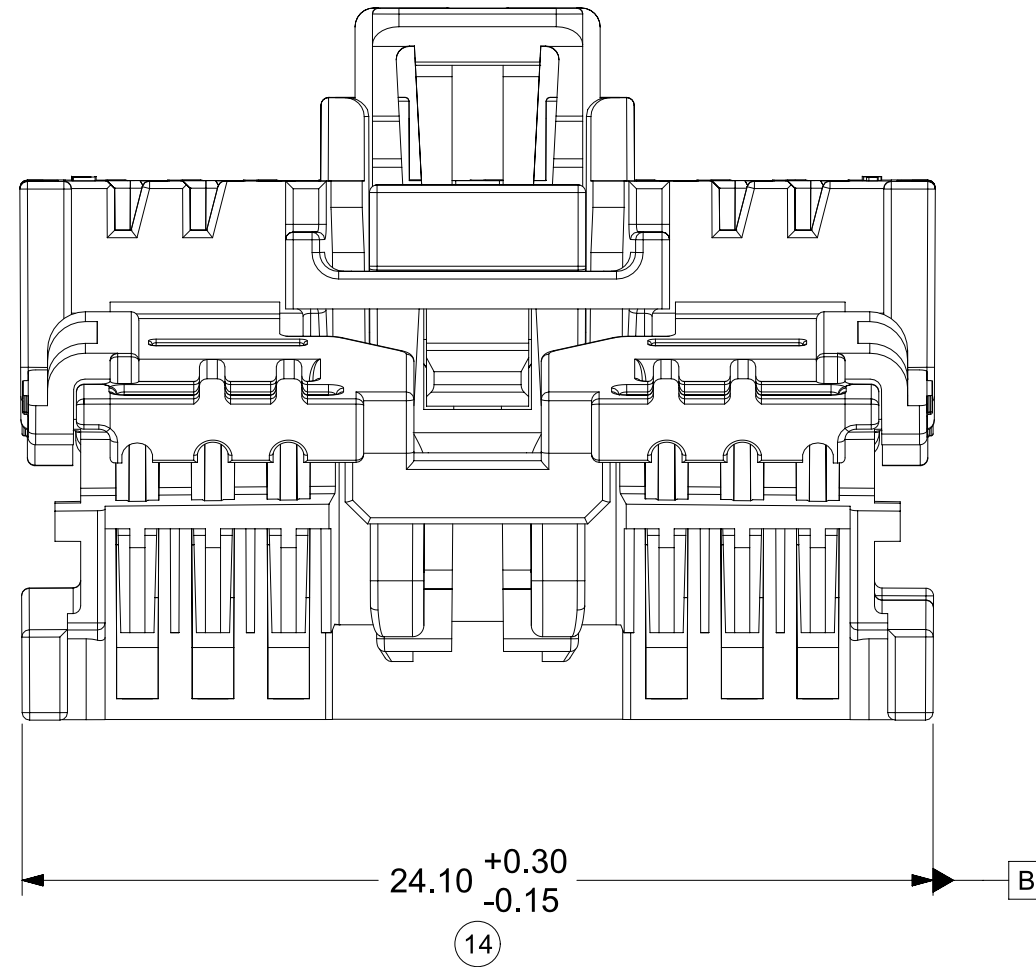


*NOTE: DIM 20 TOLERANCE IS +0.20/-0.15 FOR P/N 34824-2244/5/6

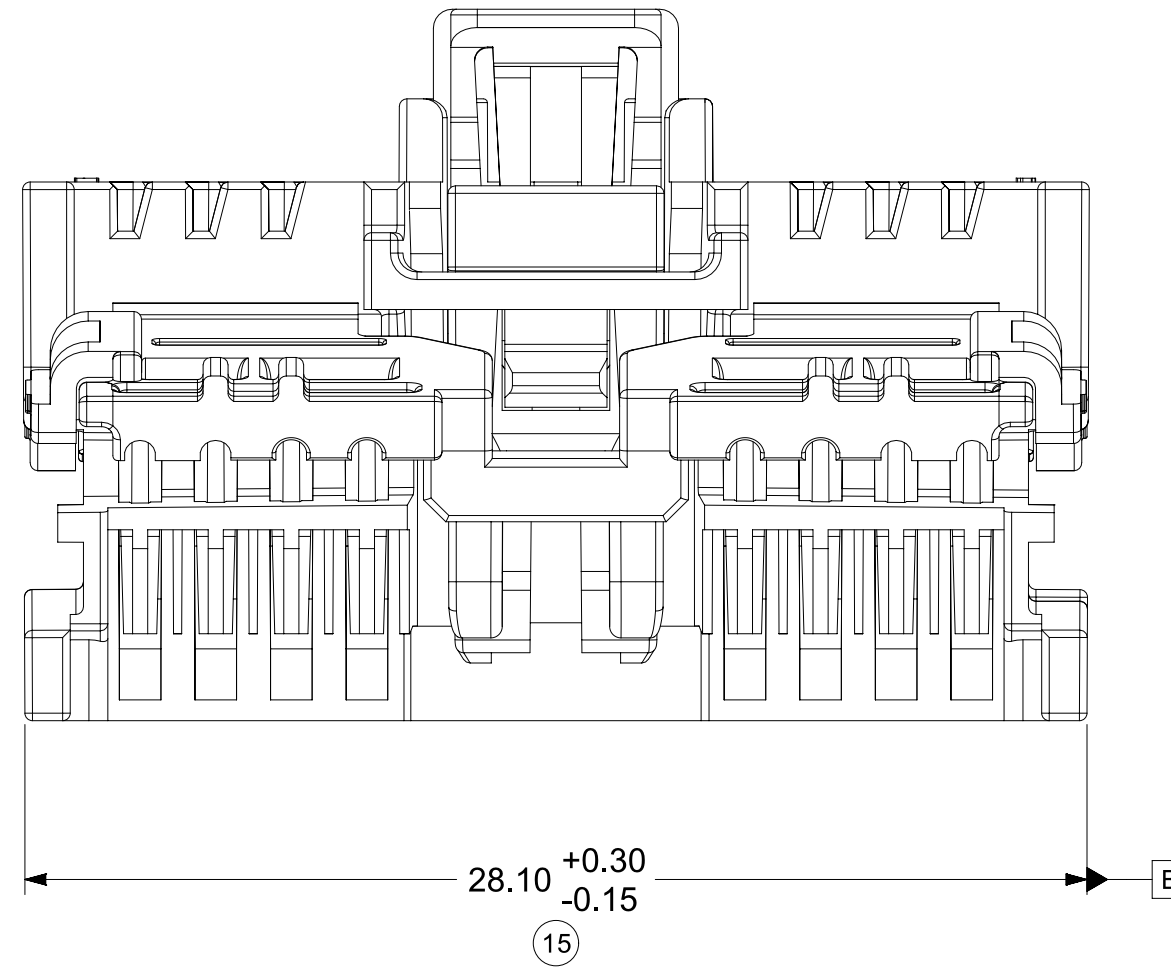
12CKT USCAR COMPATIBLE RECEPTACLE WITH CPA



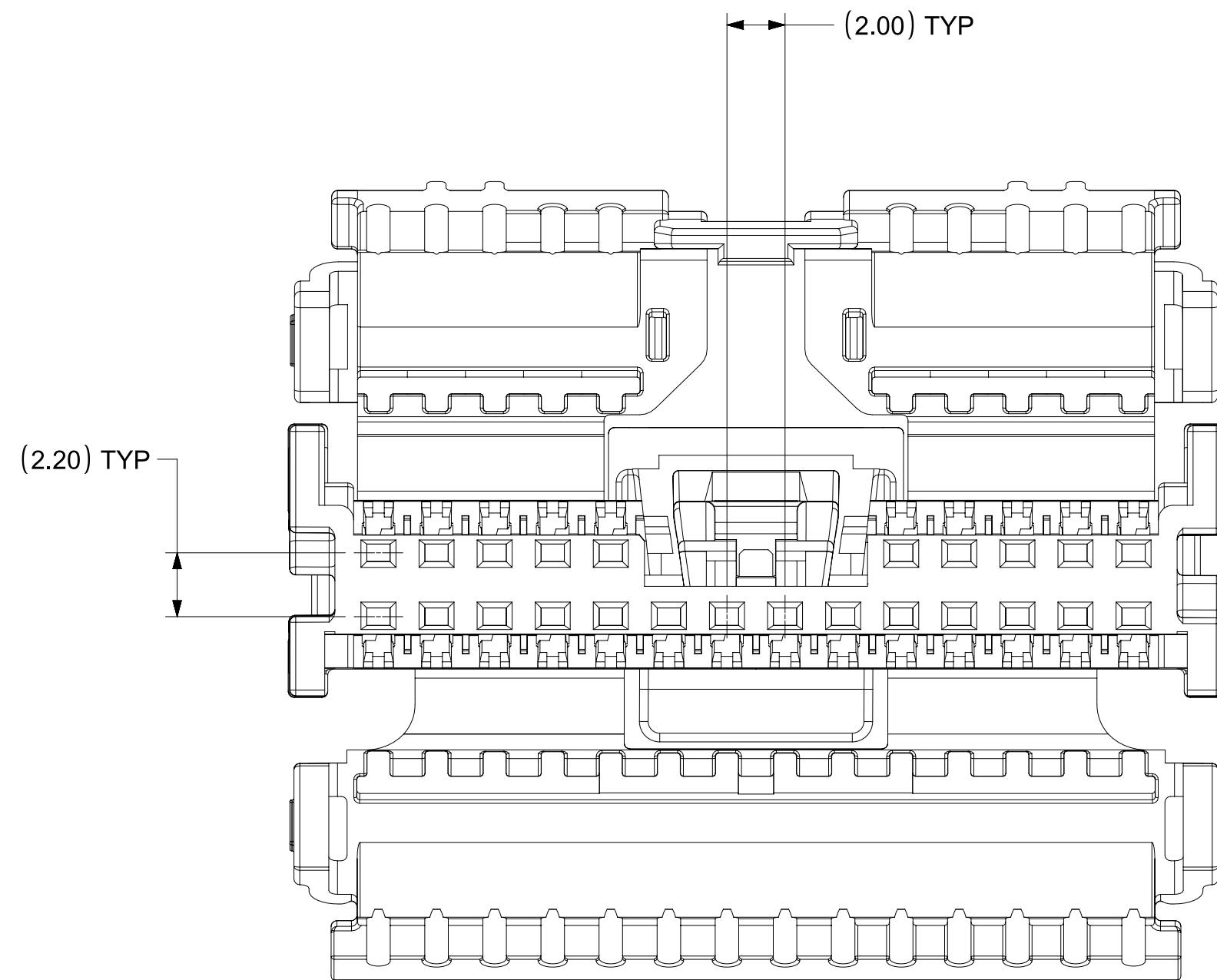
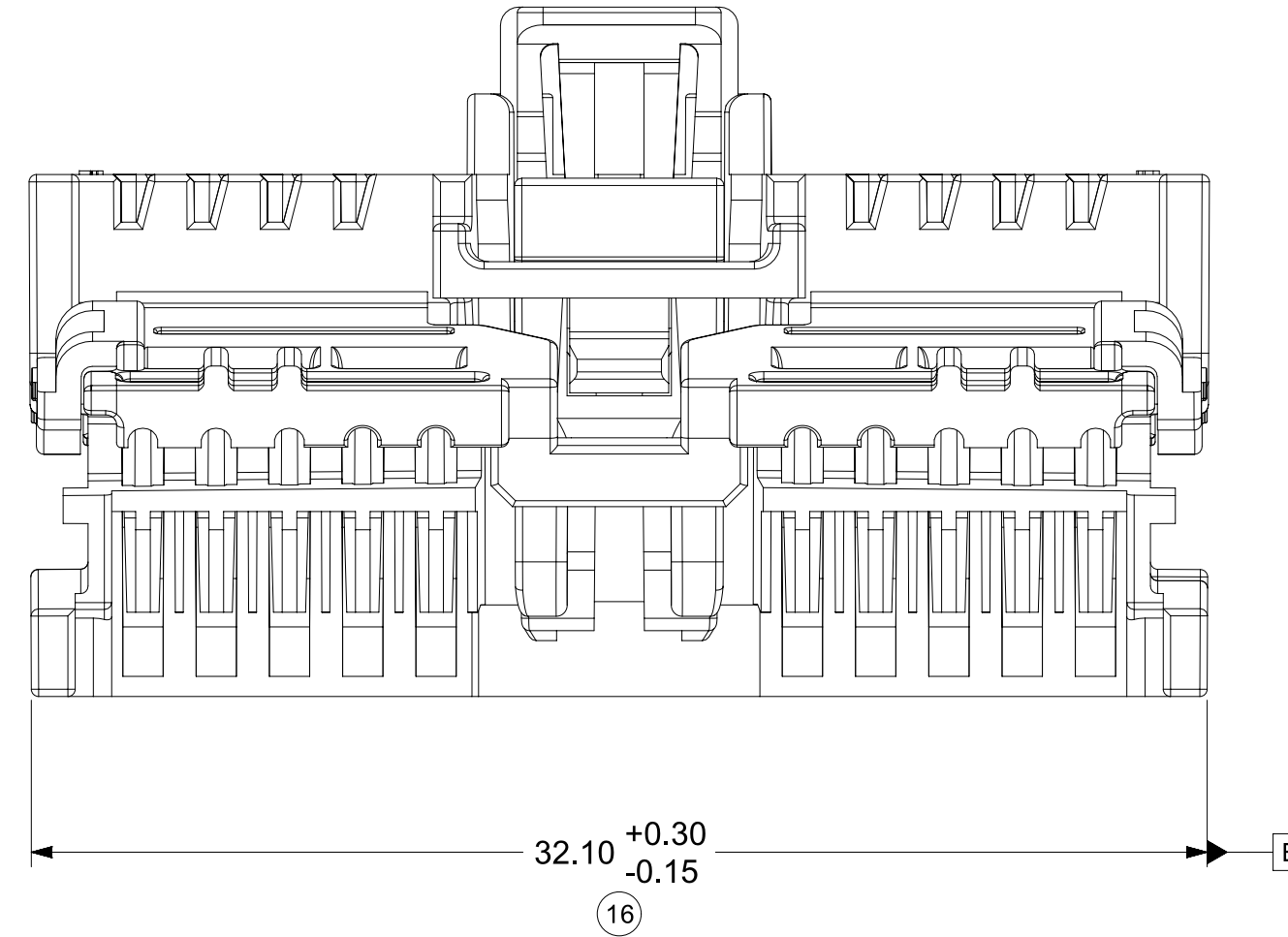
16CKT USCAR COMPATIBLE RECEPTACLE WITH CPA



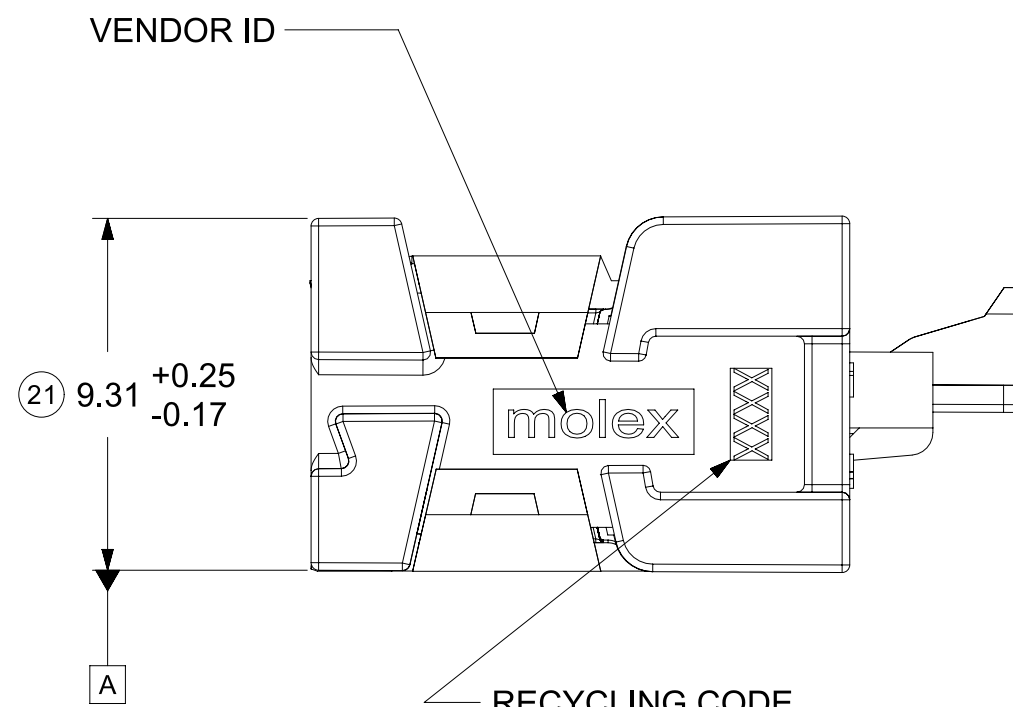
20CKT USCAR COMPATIBLE RECEPTACLE WITH CPA



24CKT USCAR COMPATIBLE RECEPTACLE WITH CPA



HINGES CLOSED



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

FUNCTIONAL SYMBOLS E/C = 0 E/P = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:			
	DIMENSION UNITS	SCALE				
	MM	5:1				
	GENERAL TOLERANCES (UNLESS SPECIFIED)					
	ANGULAR TOL	± 1°				
STATUS: Production DRWN: Yann Chen CHK'D: Gang Li APPR: Colin Zhang 2023-10-20 2023-10-25 2023-10-30	4 PLACES	±				
	3 PLACES	±				
	2 PLACES	± 0.100				
	1 PLACE	± 0.20				
	0 PLACES	±				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES		
			A1-SIZE	34824		
			DOCUMENT NUMBER		DOC TYPE	DOC PART
			SD-34824-003		PSD	001
					REVISION	M16
			MATERIAL NUMBER		SHEET NUMBER	
			GENERAL MARKET		3 OF 4	

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	TRAY PACKAGING PK-31301-440	TUBE PACKAGING PK-31301-688	TAPE AND REEL PACKAGING PK-47799-0001	TRAY PACKAGING PK-31301-440	TUBE PACKAGING PK-31301-688	TAPE AND REEL PACKAGING PK-47799-0001
34791-5140	13507113	USCAR	PBT	4	A	BLACK	34912-8040	34912-9040	34792-0040	34792-9040	34792-8040	34793-0040	34793-9040	34793-8040
34791-5141	13507115	USCAR		4	B	LIGHT GRAY	34912-8041	34912-9041	34792-0041	34792-9041	34792-8041	34793-0041	34793-9041	34793-8041
34791-5142	13507116	USCAR		4	C	DARK GRAY	34912-8042	34912-9042	34792-0042	34792-9042	34792-8042	34793-0042	34793-9042	34793-8042
34791-5143	13507117	USCAR		4	D	GREEN	34912-8043	34912-9043	34792-0043	34792-9043	34792-8043	34793-0043	34793-9043	34793-8043
34791-5180	13507118	USCAR		8	A	BLACK	34912-8080	34912-9080	34792-0080	34792-9080	34792-8080	34793-0080	34793-9080	34793-8080
34791-5181	13507119	USCAR		8	B	LIGHT GRAY	34912-8081	34912-9081	34792-0081	34792-9081	34792-8081	34793-0081	34793-9081	34793-8081
34791-5182	13507120	USCAR		8	C	DARK GRAY	34912-8082	34912-9082	34792-0082	34792-9082	34792-8082	34793-0082	34793-9082	34793-8082

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	TRAY PACKAGING PK-31301-440	TUBE PACKAGING PK-31301-688	TAPE AND REEL PACKAGING PK-47799-0001	TRAY PACKAGING PK-31301-440	TUBE PACKAGING PK-31301-688	TAPE AND REEL PACKAGING PK-47799-0001
34824-2164	N/A	USCAR	ECOPAXX	16	A	BLACK	34897-8160	34897-9160	34825-0160	34825-9160	34825-8160	34826-0160	34826-9160	34826-8160
34824-2165	N/A	USCAR		16	B	LIGHT GRAY	34897-8161	34897-9161	34825-0161	34825-9161	34825-8161	34826-0161	34826-9161	34826-8161
34824-2166	N/A	USCAR		16	C	DARK GRAY	34897-8162	34897-9162	34825-0162	34825-9162	34825-8162	34826-0162	34826-9162	34826-8162
34824-2204	13544280	USCAR		20	A	BLACK	34897-8200	34897-9200	34825-0200	34825-9200	34825-8200	34826-0200	34826-9200	34826-8200
34824-2205	13544281	USCAR		20	B	LIGHT GRAY	34897-8201	34897-9201	34825-0201	34825-9201	34825-8201	34826-0201	34826-9201	34826-8201
34824-2206	13544282	USCAR		20	C	DARK GRAY	34897-8202	34897-9202	34825-0202	34825-9202	34825-8202	34826-0202	34826-9202	34826-8202
34824-2244	N/A	USCAR		24	A	BLACK	34897-8240	34897-9240	34825-0240	34825-9240	34825-8240	34826-0240	34826-9240	34826-8240
34824-2245	N/A	USCAR		24	B	LIGHT GRAY	34897-8241	34897-9241	34825-0241	34825-9241	34825-8241	34826-0241	34826-9241	34826-8241
34824-2246	N/A	USCAR	24	C	DARK GRAY	34897-8242	34897-9242	34825-0242	34825-9242	34825-8242	34826-0242	34826-9242	34826-8242	
34824-5124	13507121	USCAR	PBT	12	A	BLACK	34897-8120	34897-9120	34825-0124	34825-9124	34825-8124	34826-0124	34826-9124	34826-8124
34824-5125	13507122	USCAR		12	B	LIGHT GRAY	34897-8121	34897-9121	34825-0125	34825-9125	34825-8125	34826-0125	34826-9125	34826-8125
34824-5126	13507114	USCAR		12	C	DARK GRAY	34897-8122	34897-9122	34825-0126	34825-9126	34825-8126	34826-0126	34826-9126	34826-8126
*NOTE: CONFIGURATION CONSISTS OF AN EXPANSION OF THE 12CKT USCAR-COMPATIBLE CONFIGURATION TO ALLOW FOR 16, 20, AND 24 CIRCUITS														

MINI50 CPA (APPLIED TO SINGLE & DUAL ROW BRIDGED RECEPTACLES)		
MATERIAL NUMBER	COLOR	MATING COMPONENT
34824-7000	NATURAL	SEE CHARTS ABOVE

D C	CTX50 UNSEALED RECEPTACLE TERMINALS						M16	
	PART NUMBER		MATERIAL	WIRE GAGE (mm²)	GRIP	STATUS		
	D-WIND (LEFT PAYOFF)	B-WIND (RIGHT PAYOFF)						
	560023-0448	560023-0450	COPPER ALLOY	0.35	LARGE	PLAN OBSOLESCENCE IN 2024		
	560023-0421	560023-0423	COPPER ALLOY	0.22	MEDIUM	PLAN OBSOLESCENCE IN 2024		
	560023-0444	560023-0445	COPPER ALLOY	0.13	SMALL	PLAN OBSOLESCENCE IN 2024		
	560023-0748	560023-0750	COPPER ALLOY	0.35	LARGE	SALEABLE		
	560023-0721	560023-0723	COPPER ALLOY	0.22	MEDIUM	SALEABLE		
	560023-0744	560023-0745	COPPER ALLOY	0.13	SMALL	SALEABLE		
	FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS	SCALE	CURRENT REV DESC:	
		MM		1:1				

[illegible]