

NOTES: VALID UNLESS OTHERWISE SPECIFIED

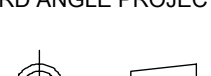
1. GENERAL:
 - a. APPLICATION SPECIFICATION SEE: AS-34791-020
 - b. PRODUCT SPECIFICATION SEE: PS-34971-020
 - c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31301-538
 - d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-301
 - e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
 - f. FLAMMABILITY REQUIREMENT: PER ISO3795 OR GM3191
 1. BURN RATE 100 mm/MIN MAXIMUM
 2. MATERIAL MUST BE SELF EXTINGUISHING
 - g. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
 - h. FOR TERMINAL USAGE, REFER TO MOLEX SALES DRAWING SD-560023-002.

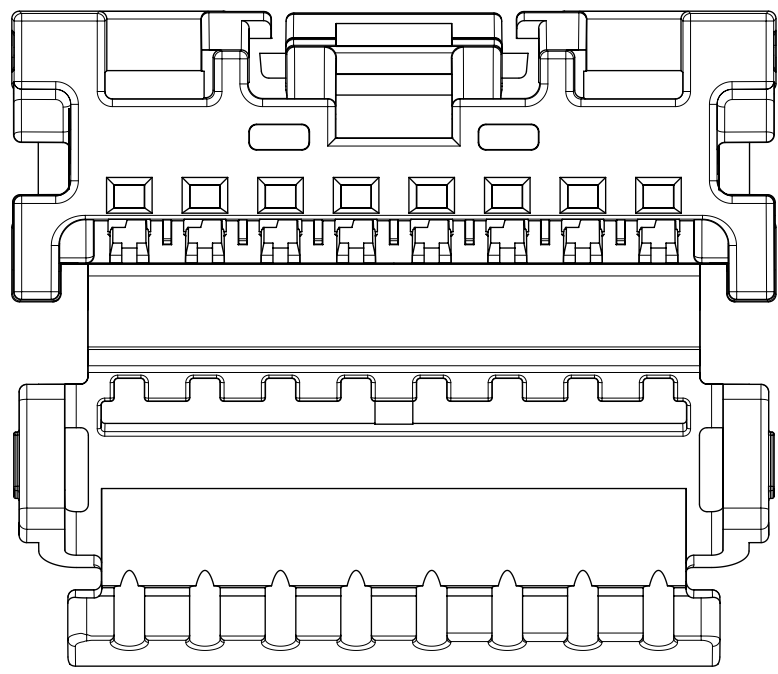
2. DESIGN - MATERIALS:
a. MATERIAL: UNFILLED PBT

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

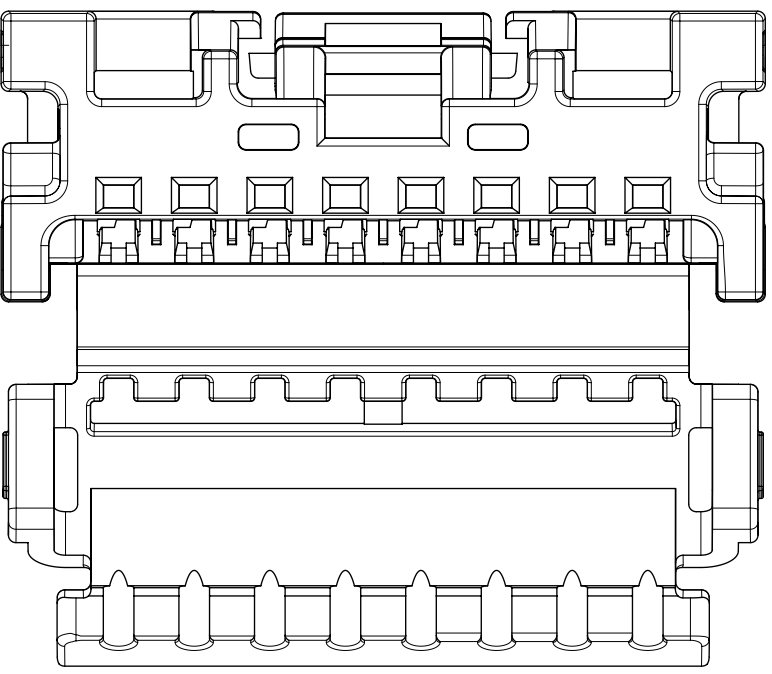
4. DESIGN - FUNCTIONALITY
- a. HINGE DOES NOT AFFECT FUNCTION OF THE PART.

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

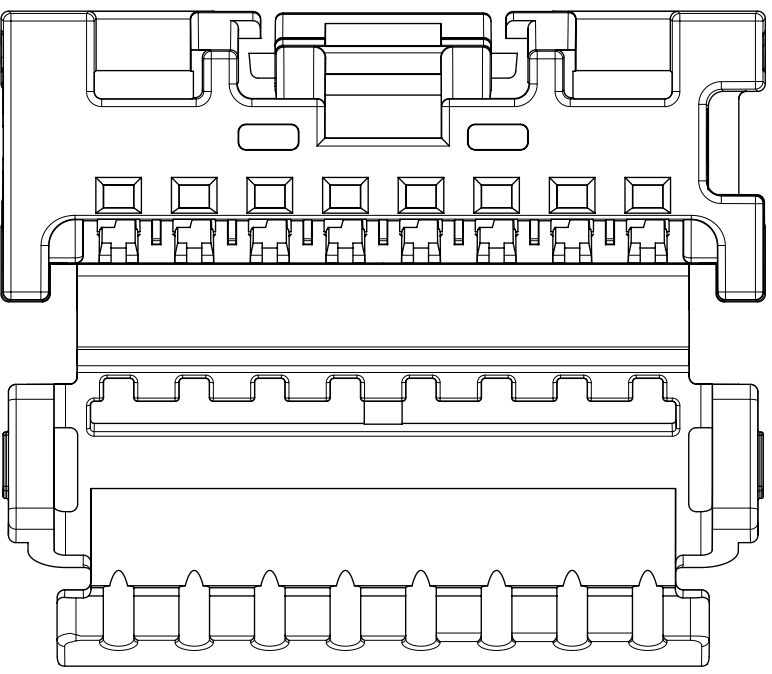
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
EC NO: 608500 DRWN: JJOYA CHK'D: JDUNAJ APPR: JDUNAJ	2018/11/28	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE		<div>molex®</div>						
	2018/12/03		MM ONLY		6:1								
	2018/12/03		ANGULAR TOL ± °	DRWN BY		DATE		<div>MINI50 SINGLE ROW RECEPTACLE SALES DRAWING</div>					
	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		<div>PRODUCT CUSTOMER DRAWING</div>						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION								
	L5		REV	D			SERIES		MATERIAL NUMBER		CUSTOMER		
34791		SEE TABLE					GENERAL MARKET						
					DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER		
					SD-34791-001		PSD		000		1 OF 5		



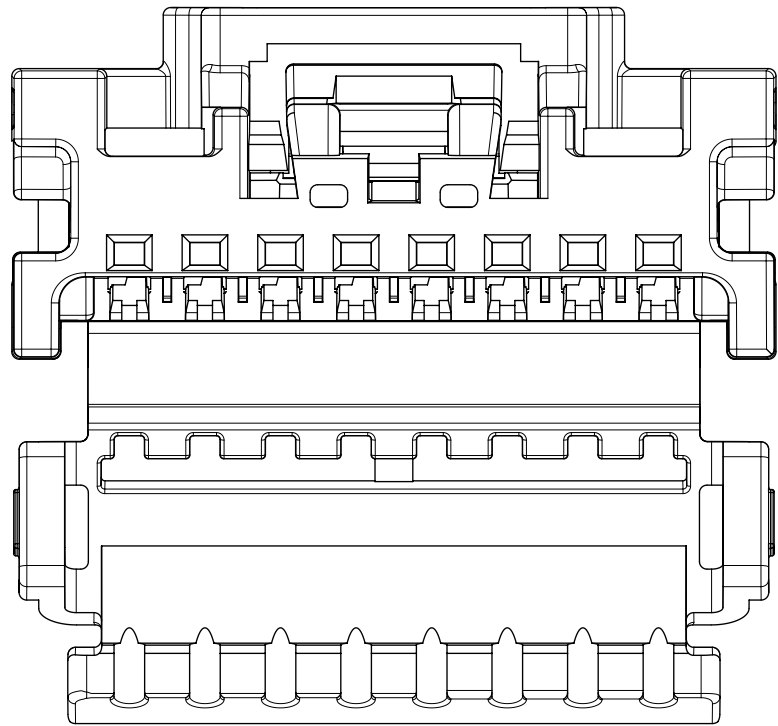
8 CIRCUIT RECEPTACLE WITHOUT LOCK BRIDGE
POLARIZATION OPTION A



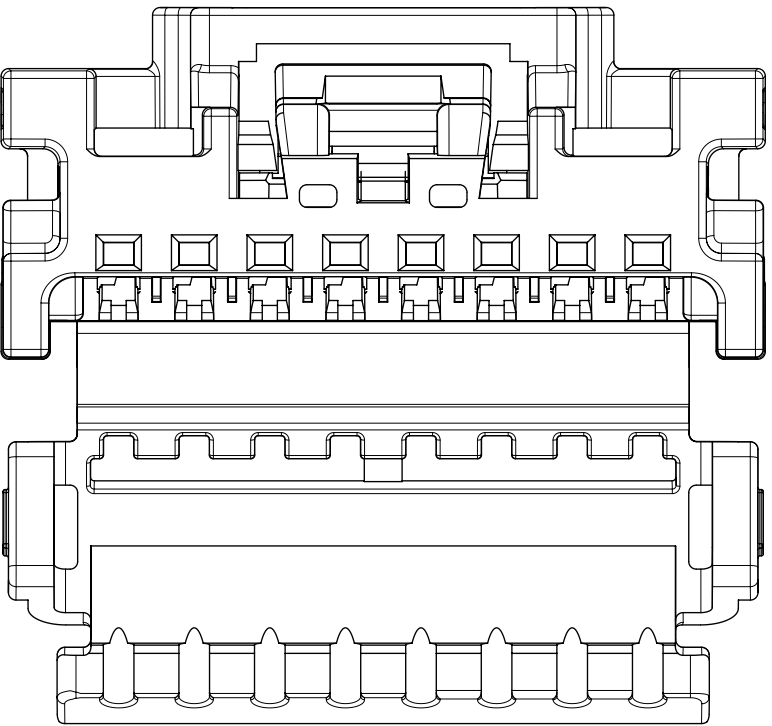
8 CIRCUIT RECEPTACLE WITHOUT LOCK BRIDGE
POLARIZATION OPTION B



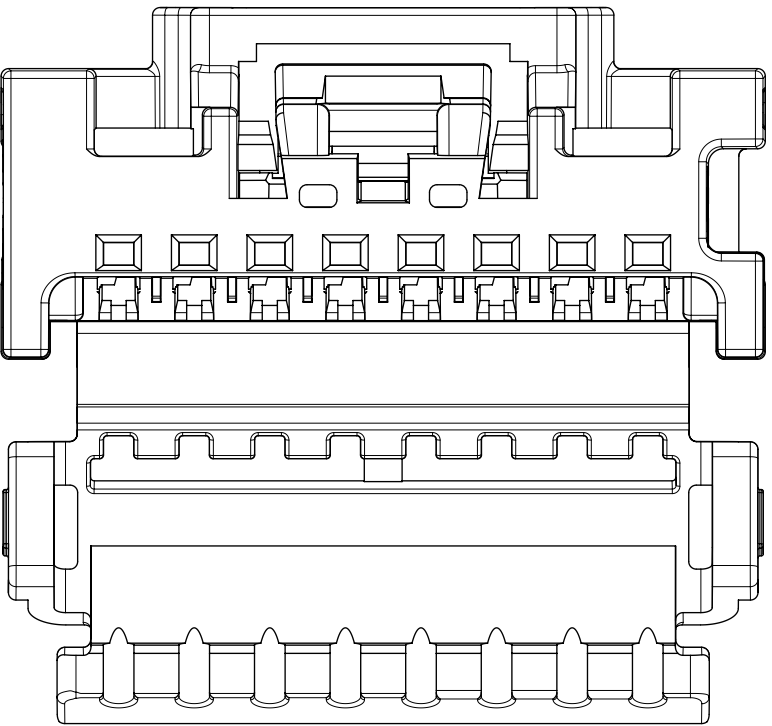
8 CIRCUIT RECEPTACLE WITHOUT LOCK BRIDGE
POLARIZATION OPTION C



8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION A

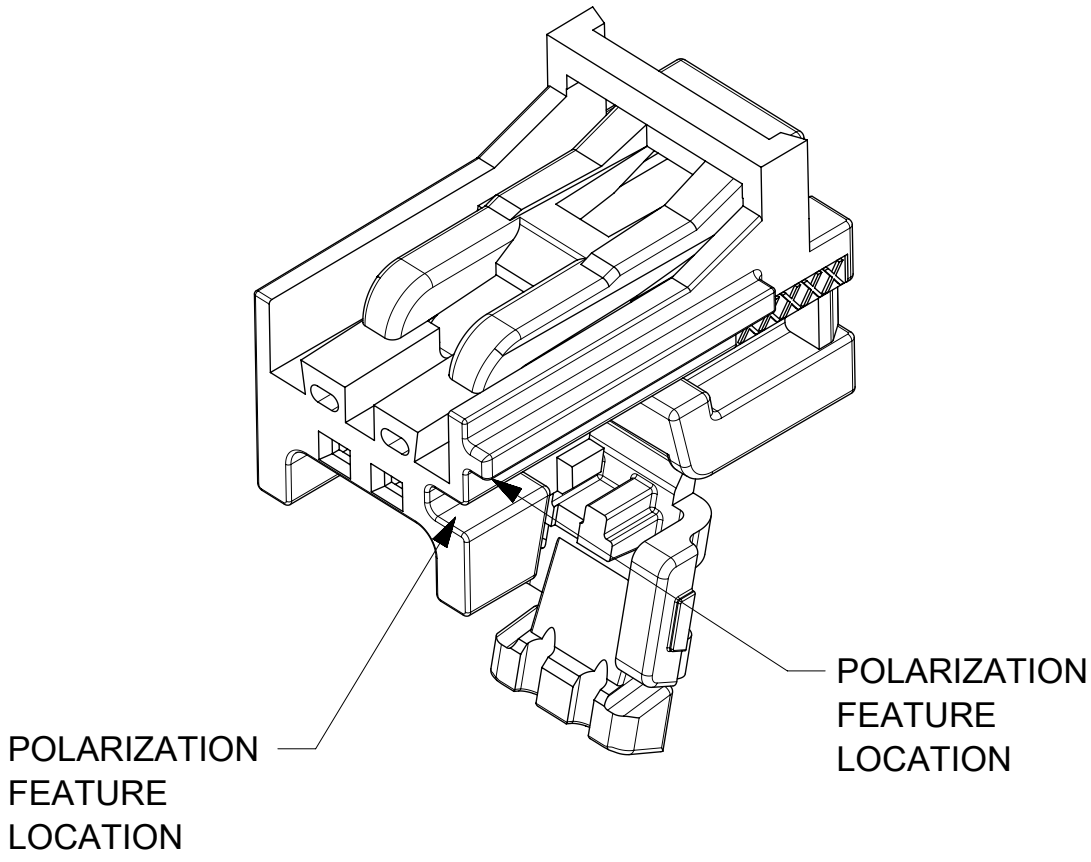


8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION B

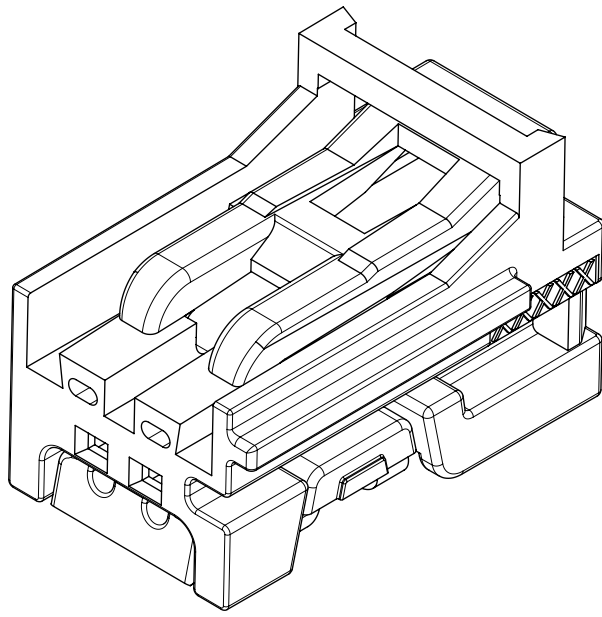


8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION C

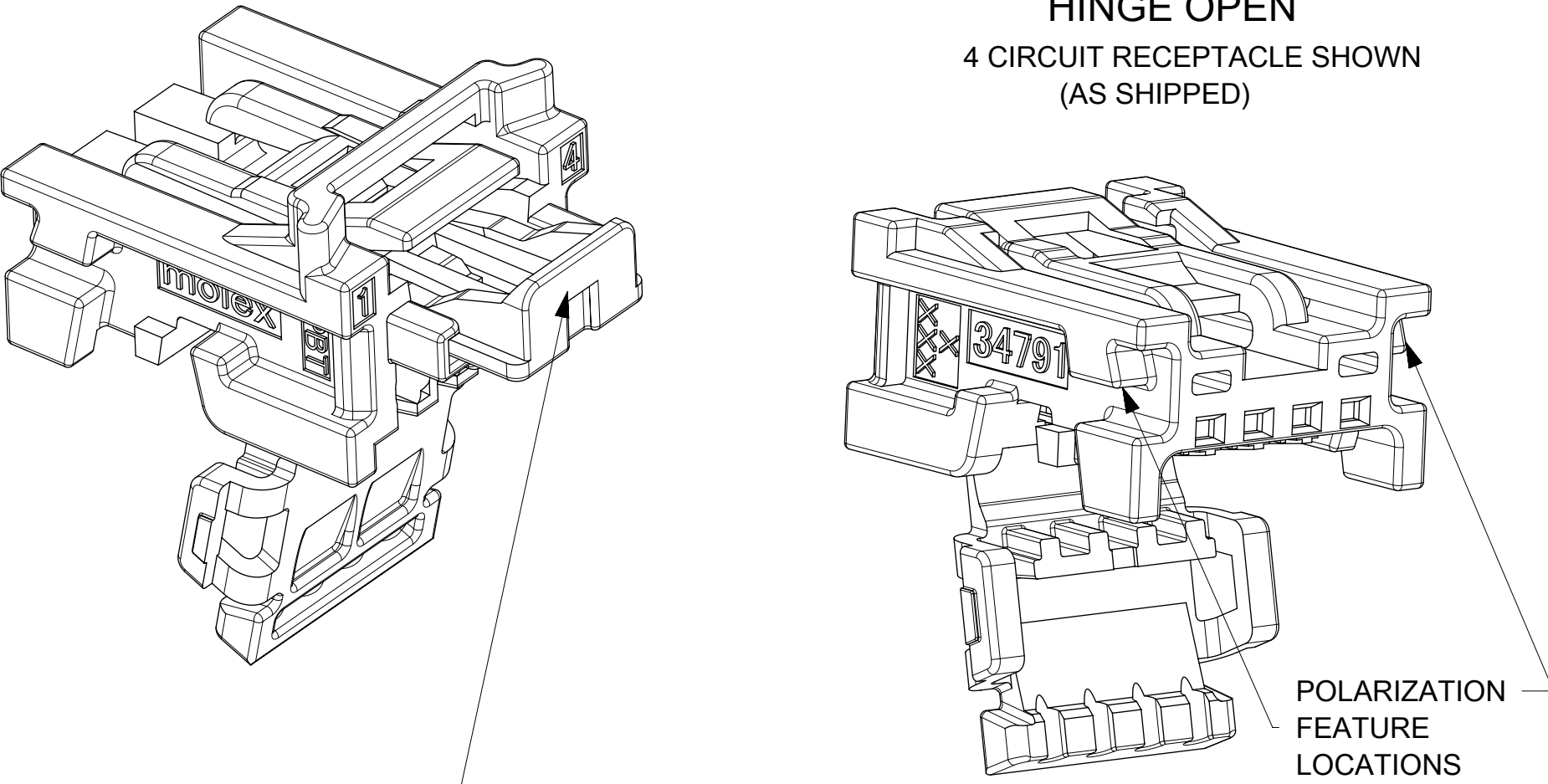
HINGE OPEN
2 CIRCUIT RECEPTACLE SHOWN
(AS SHIPPED)



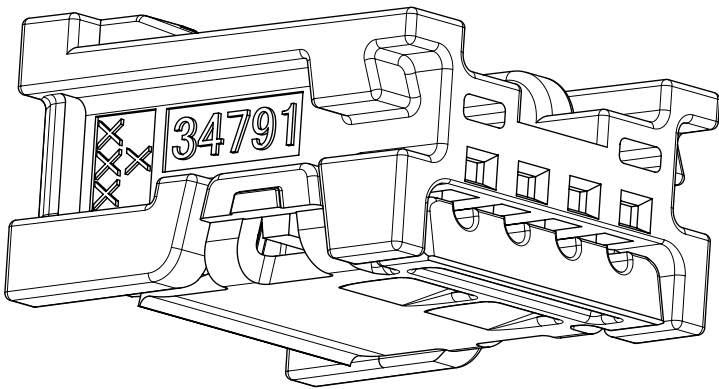
HINGE CLOSED
2 CIRCUIT RECEPTACLE SHOWN
(AS ASSEMBLED)



HINGE OPEN
4 CIRCUIT RECEPTACLE SHOWN
(AS SHIPPED)



HINGE CLOSED
4 CIRCUIT RECEPTACLE SHOWN
(AS ASSEMBLED)

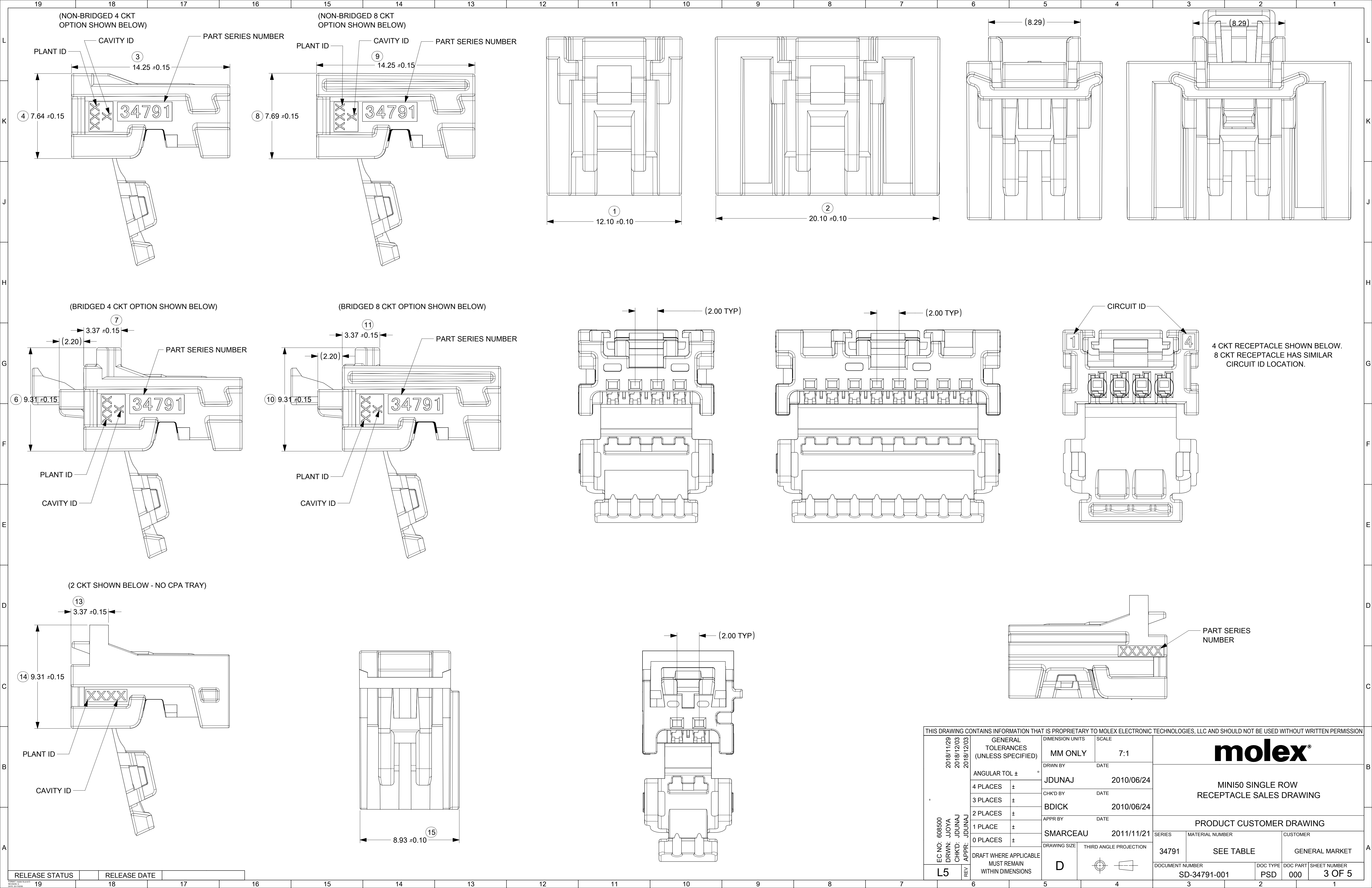


MINI50 WITH BRIDGE OPTION
COMES WITH CPA TRAY

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

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

EC NO: 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 ±		CHKD BY		DATE		PRODUCT CUSTOMER DRAWING					
		2 PLACES ±		BDICK		2010/06/24							
		1 PLACE ±		APPR BY		DATE		SERIES MATERIAL NUMBER CUSTOMER					
		0 PLACES ±		SMARCEAU		2011/11/21							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		34791		SEE TABLE		GENERAL MARKET	
				D				DOCUMENT NUMBER		DOC TYPE		DOC PART SHEET NUMBER	
								SD-34791-001		PSD		000 2 OF 5	

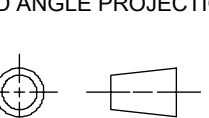


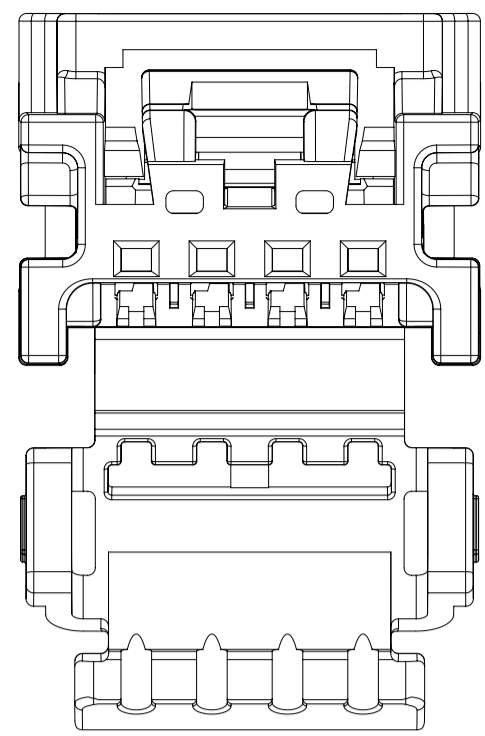
MINI50 RECEPTACLES

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

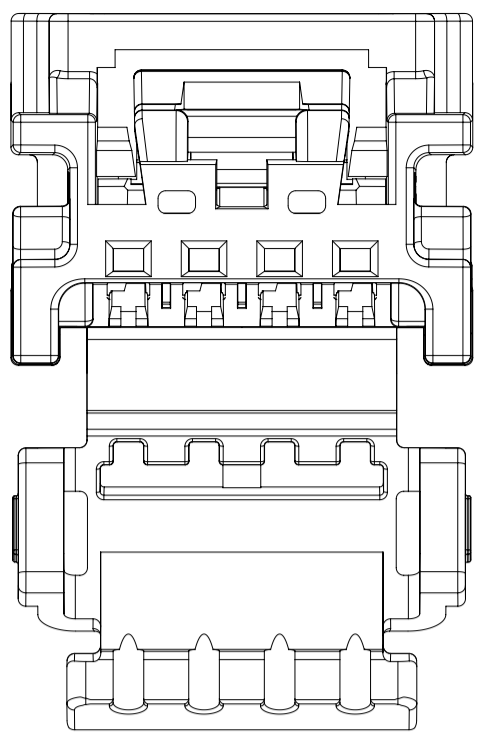
CTX50 UNSEALED RECEPTACLE TERMINALS

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

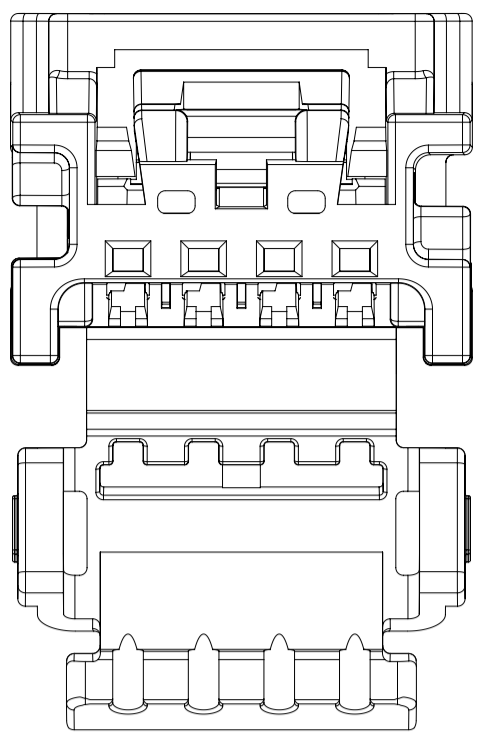
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
EC NO: 608500 DRWN: JJOYA CHKD: JDUNAJ REV APPR: JDUNAJ	2018/11/29 2018/12/03 2018/12/03	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS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



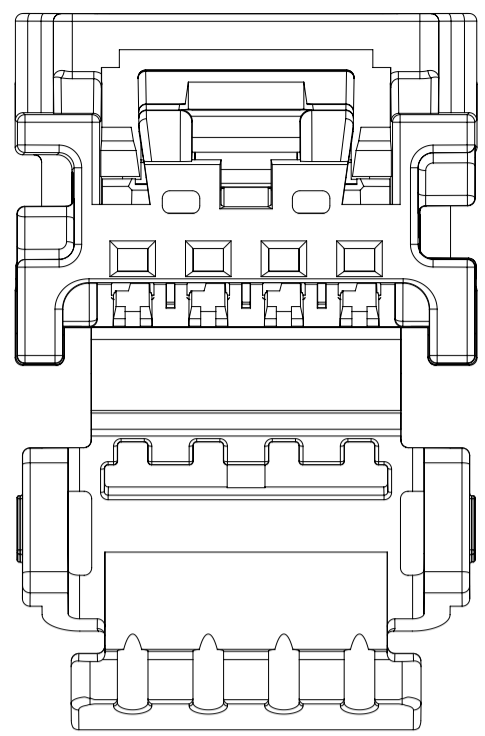
4 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION A



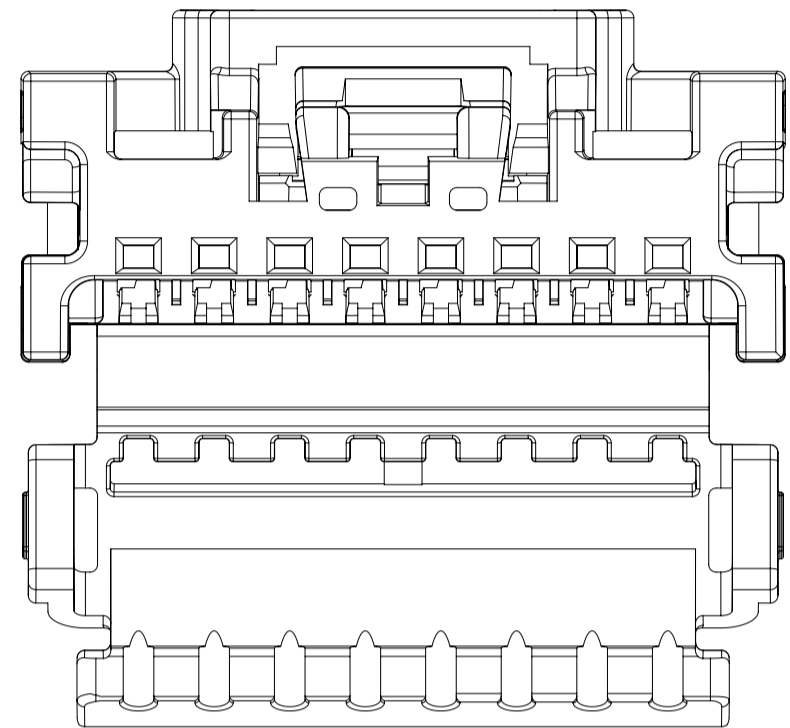
4 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION B



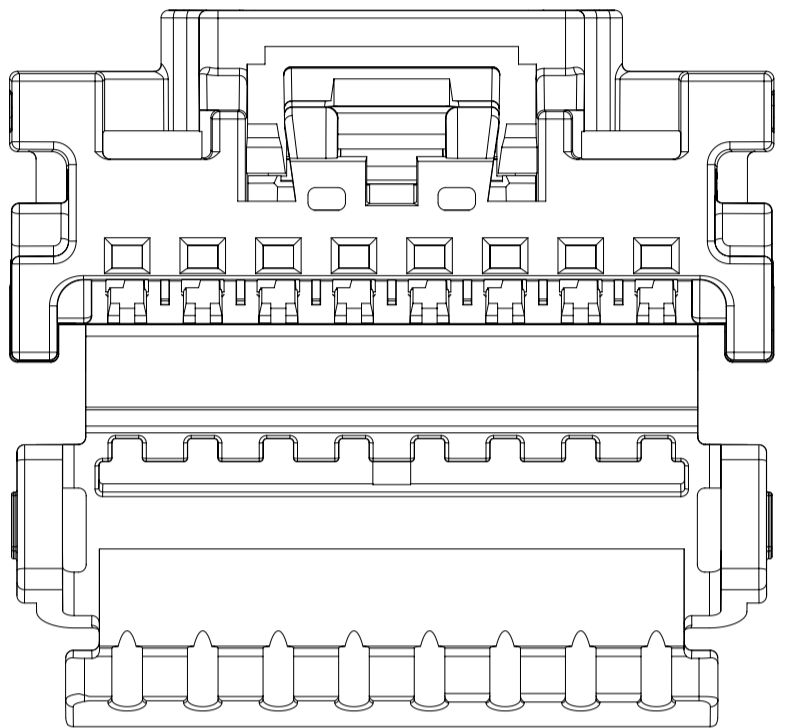
4 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION C



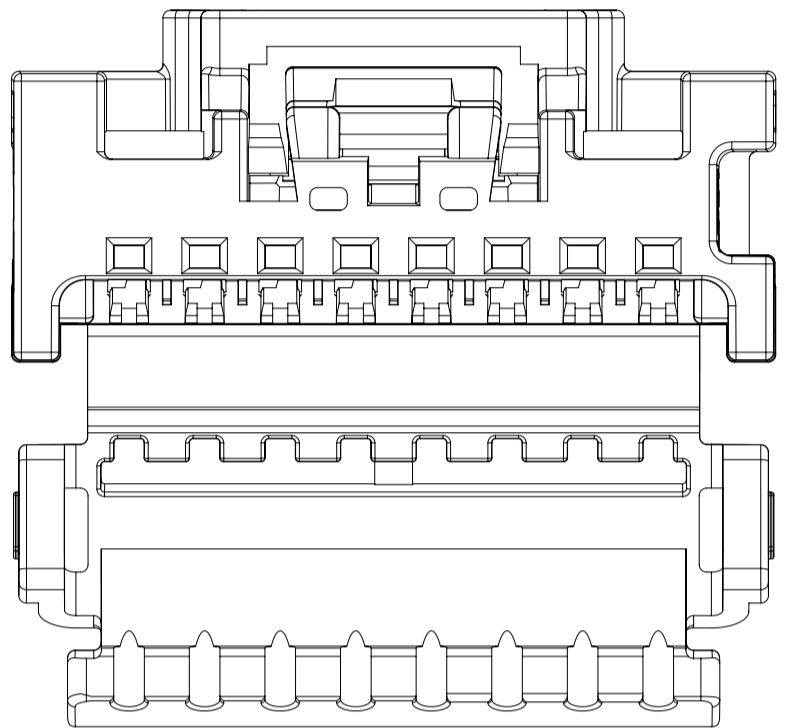
4 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION D



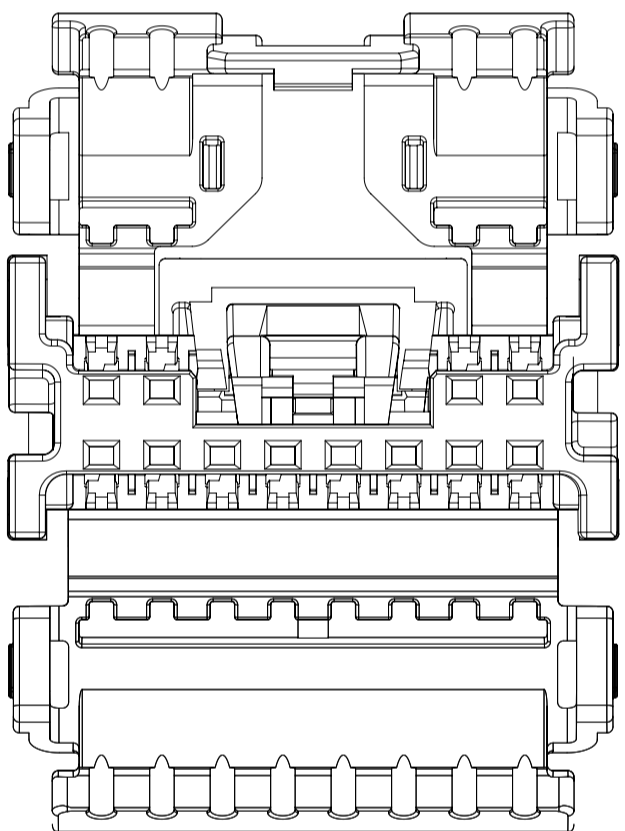
8 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION A



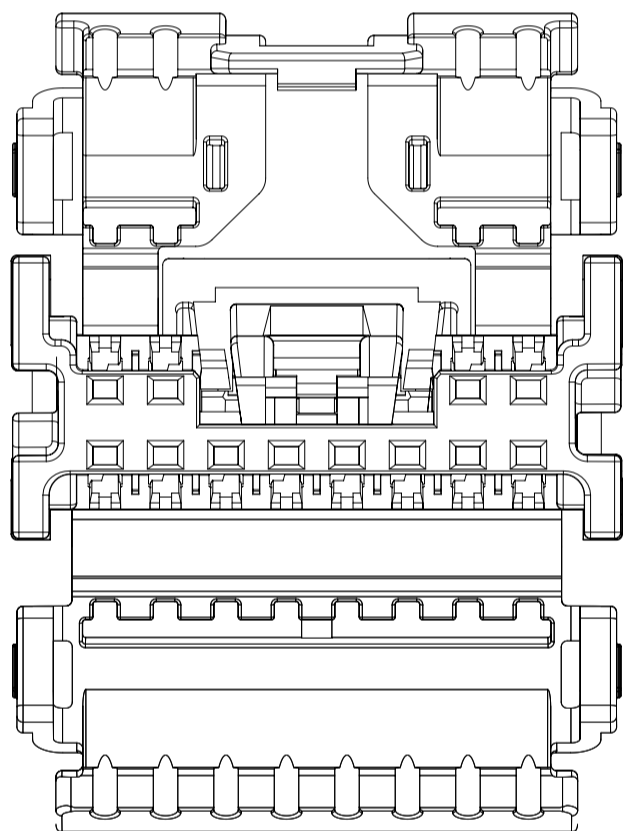
8 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION B



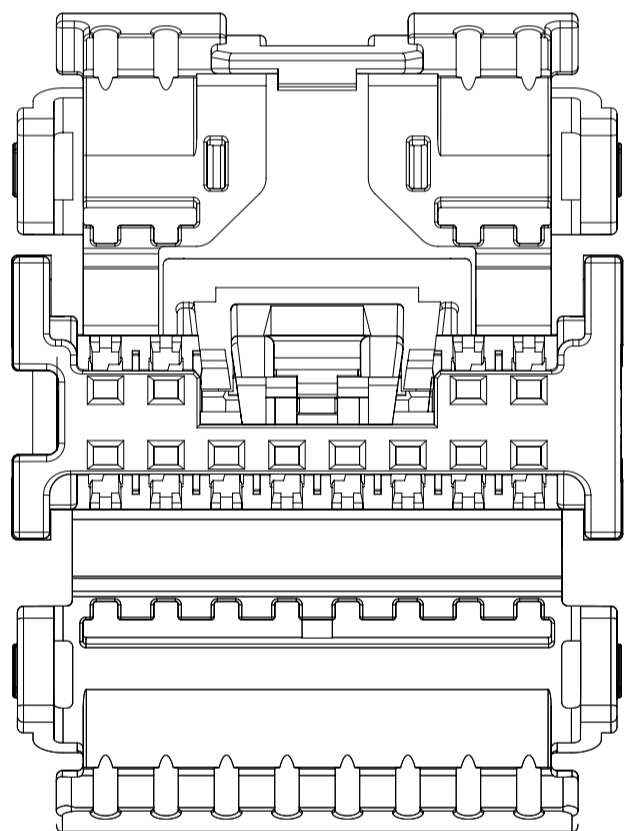
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POLARIZATION OPTION C



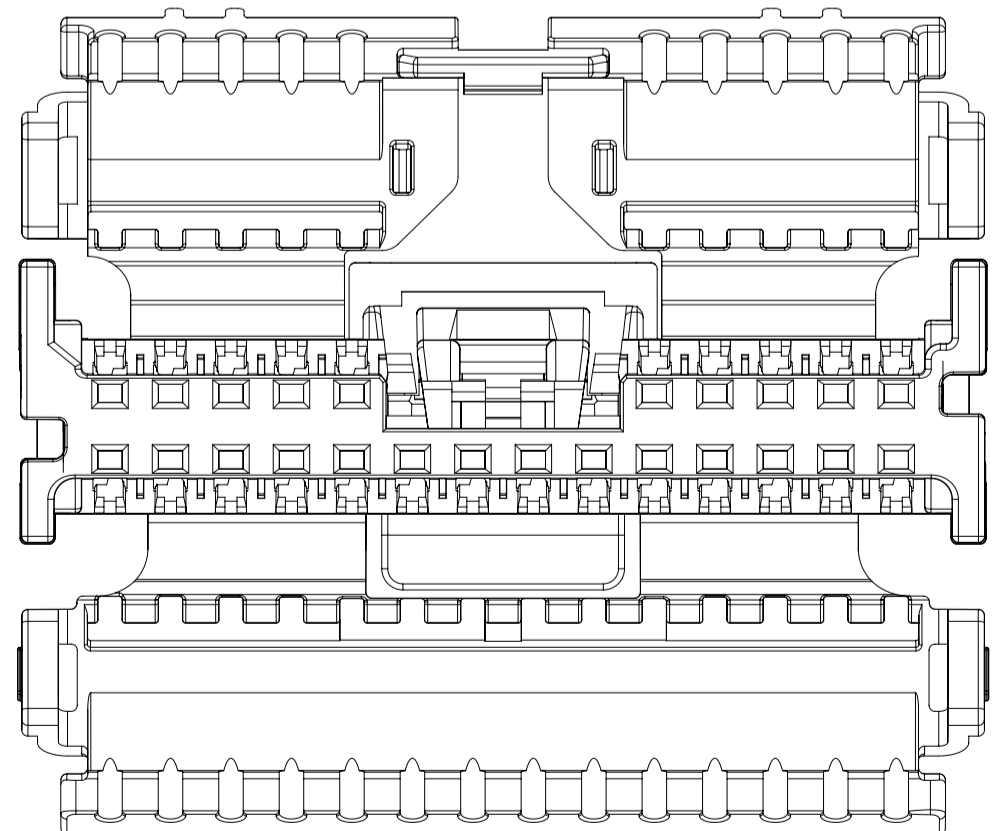
12 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION A



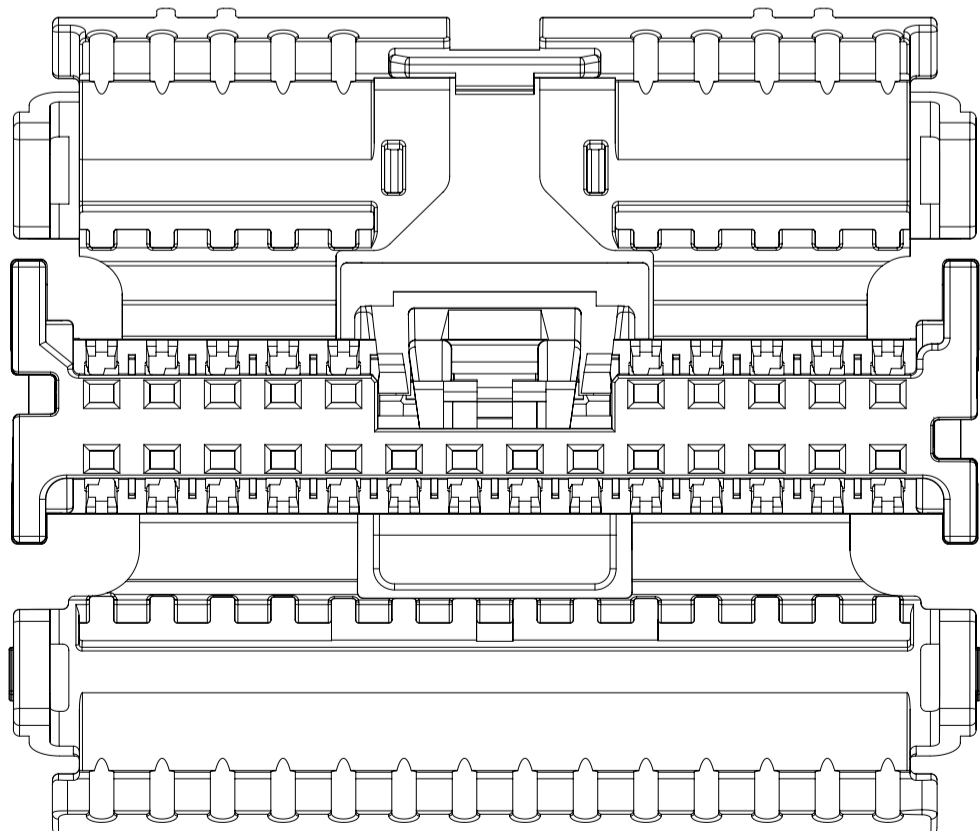
12 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION B



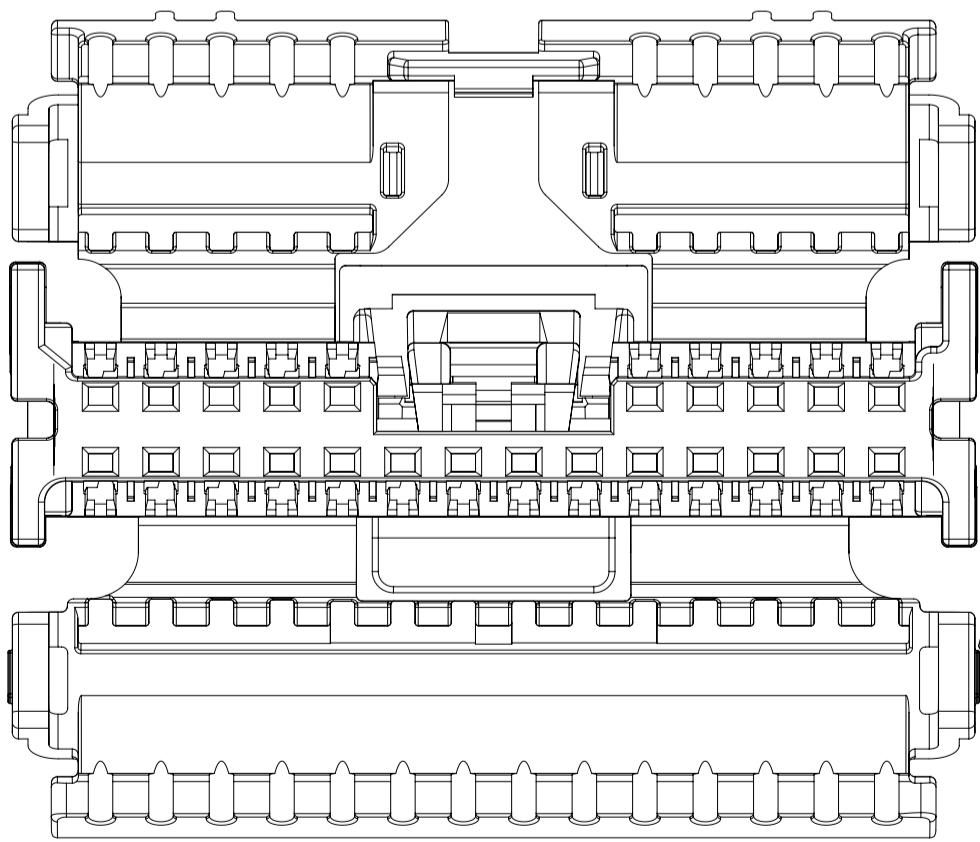
12 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION C



24 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION A



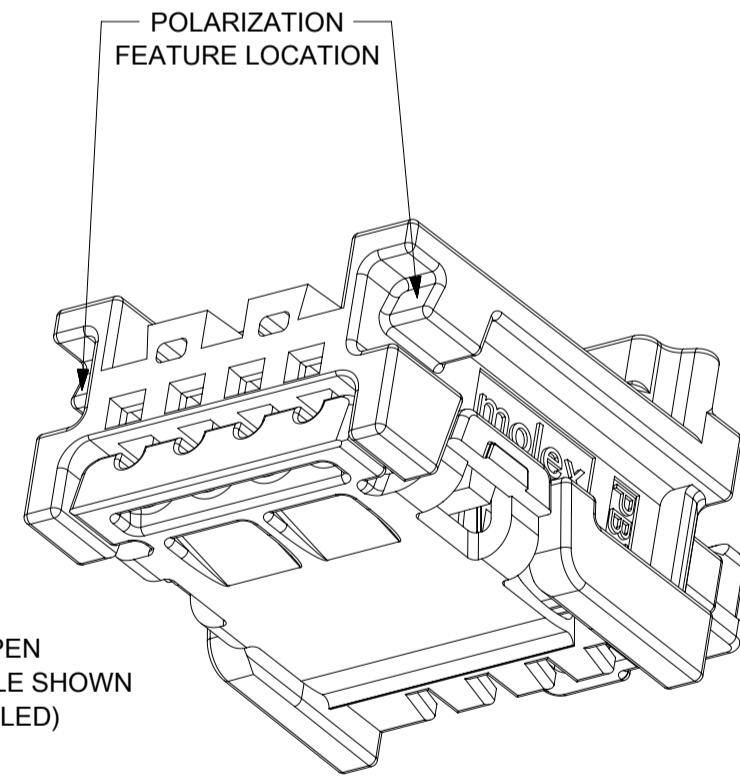
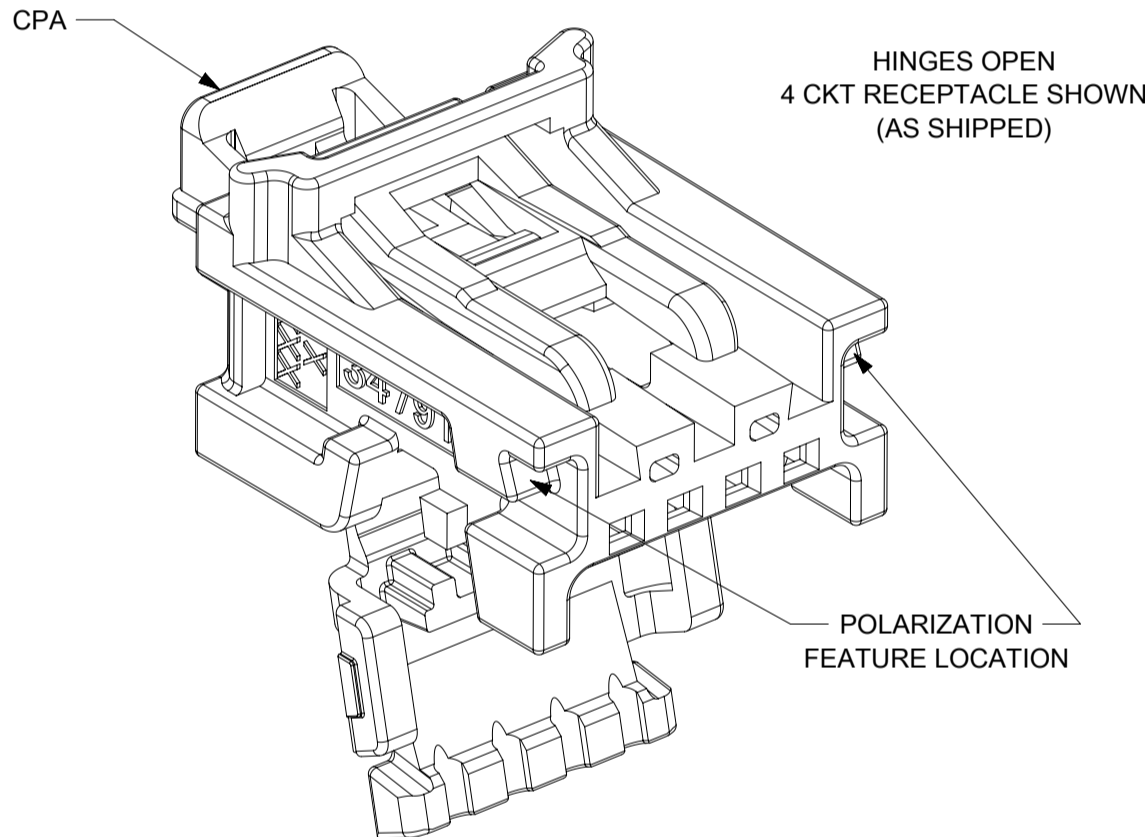
24 CKT BRIDGED RECEPTACLE W/CPA
POLARIZATION OPTION B



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.



PRE-RELEASE
REFERENCE
USE ONLY

QUALITY SYMBOLS
= 0
= 0
= 0
= 0
= 0
= 0
= 0
= 0

INSPECTION BALLOON NUMBER
PER DRAWING REVISION: M2

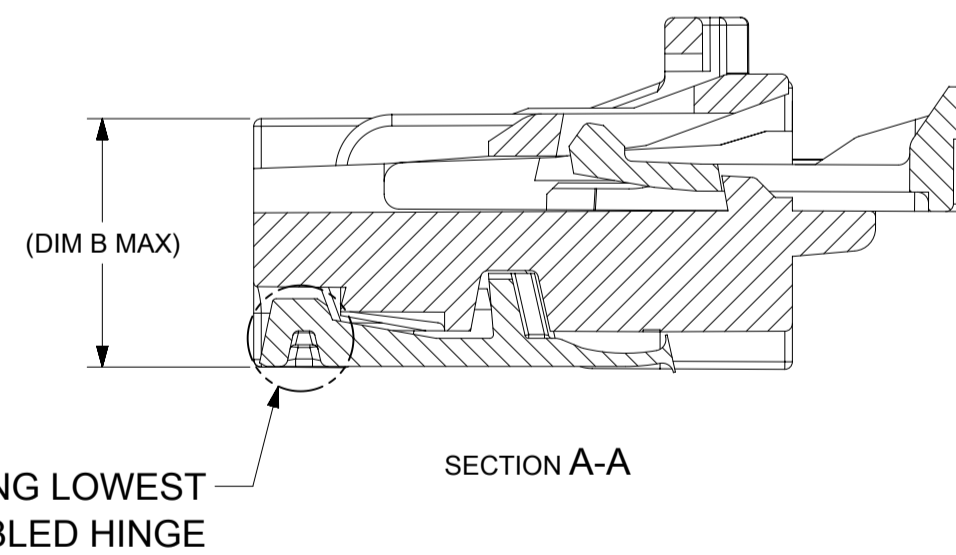
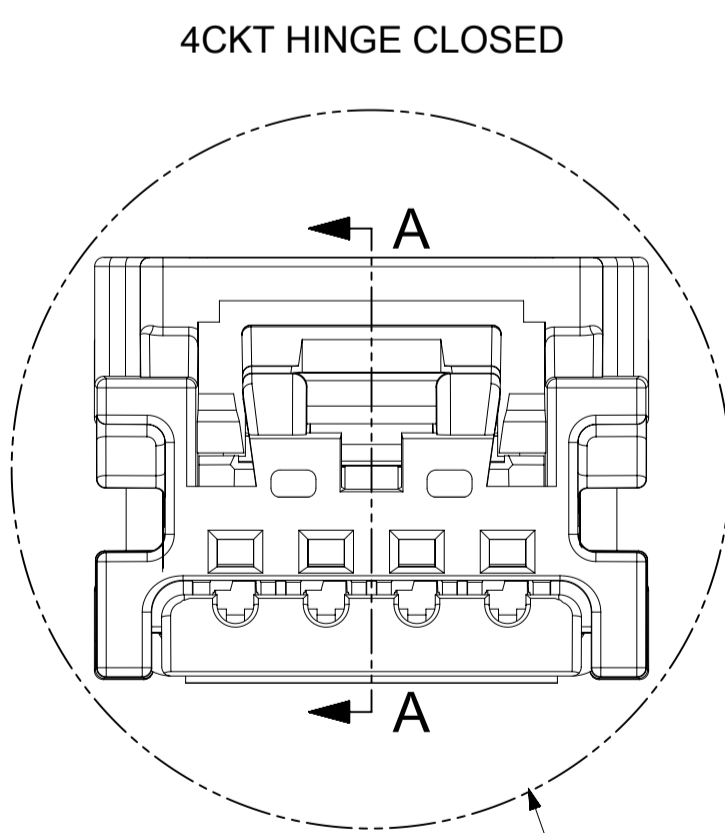
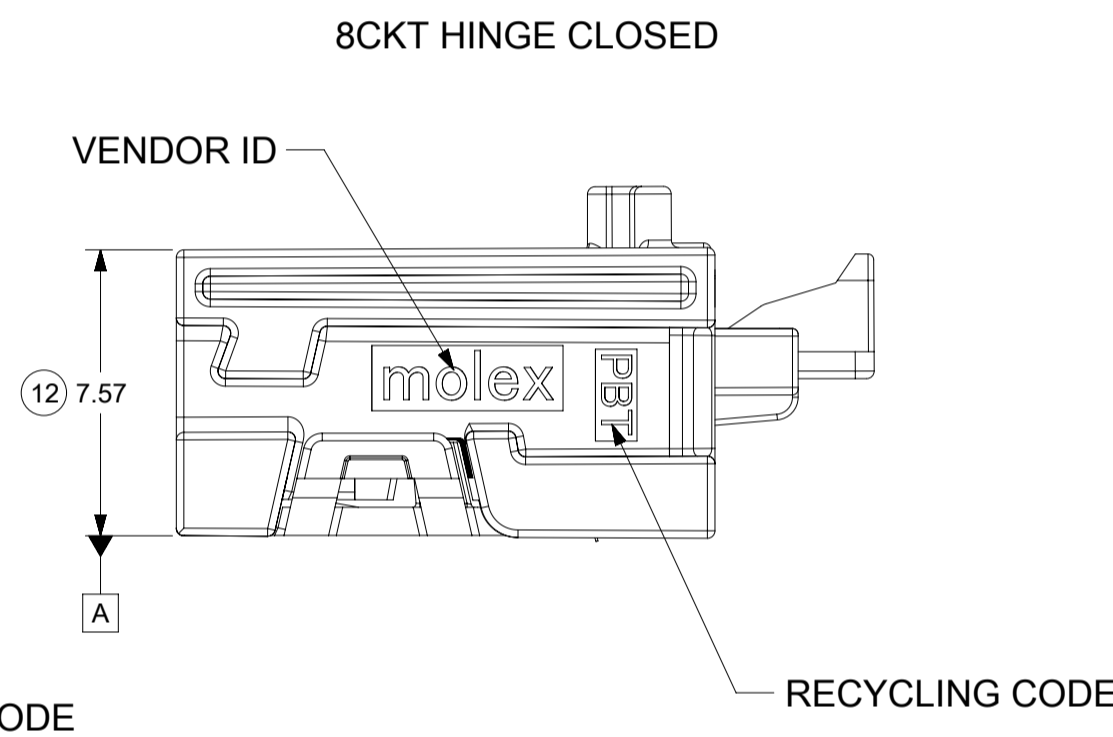
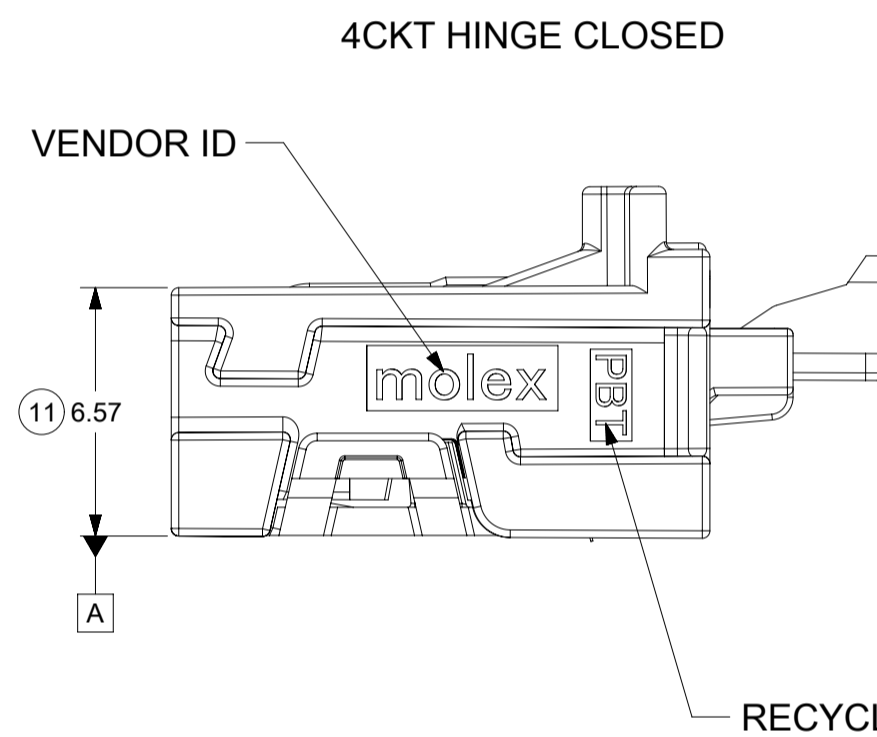
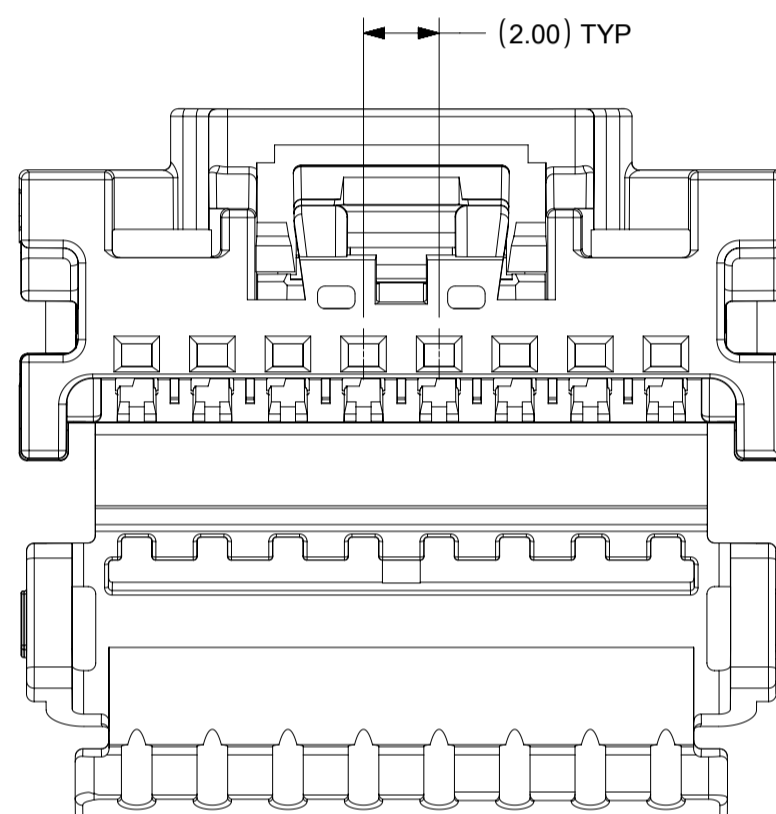
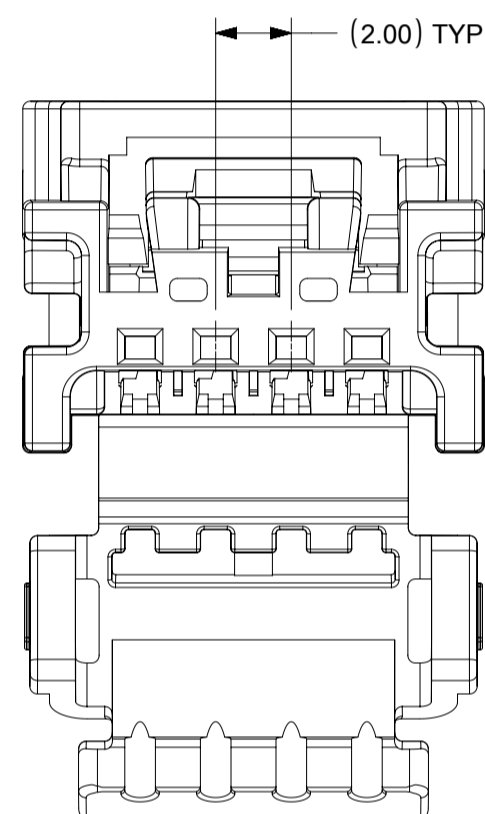
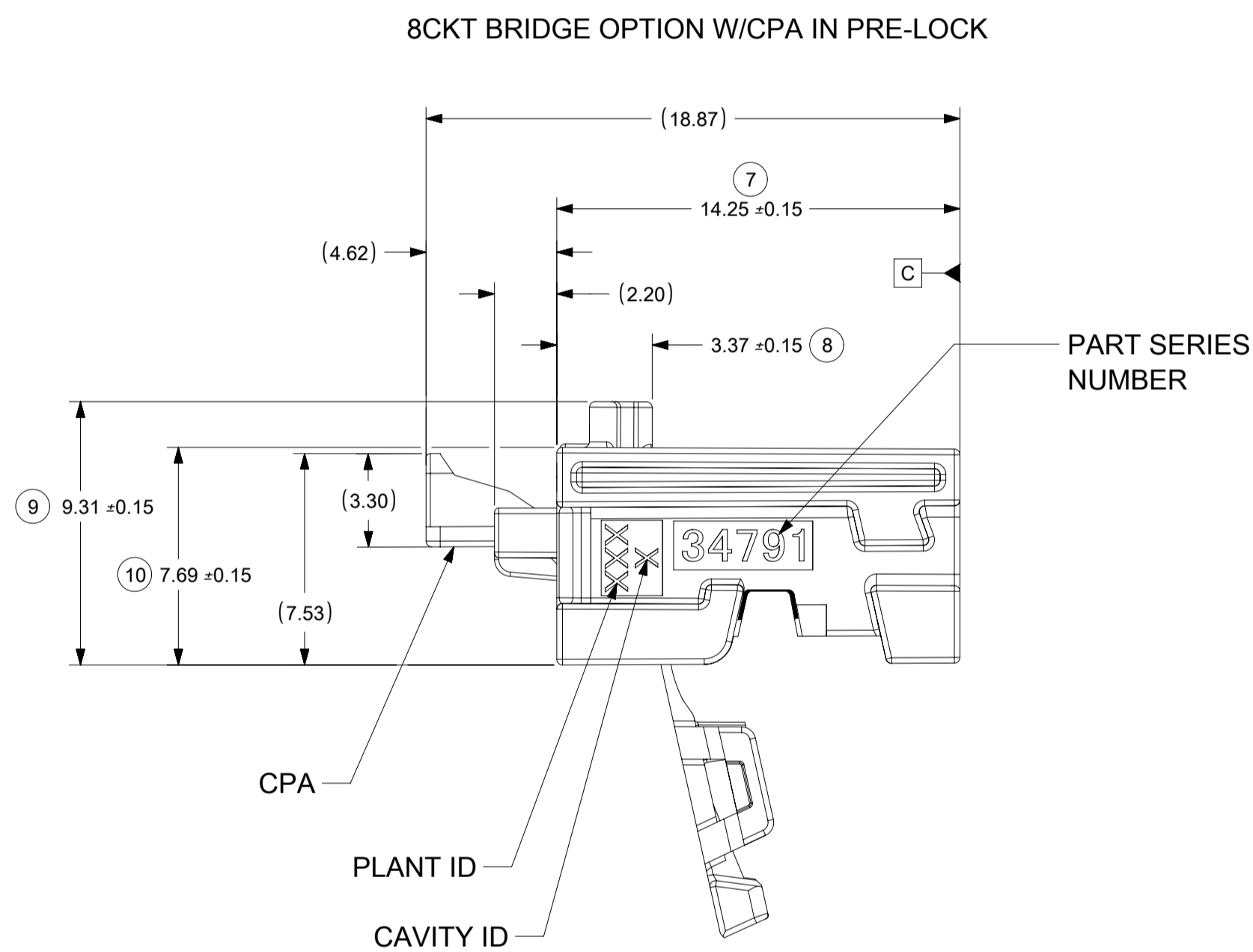
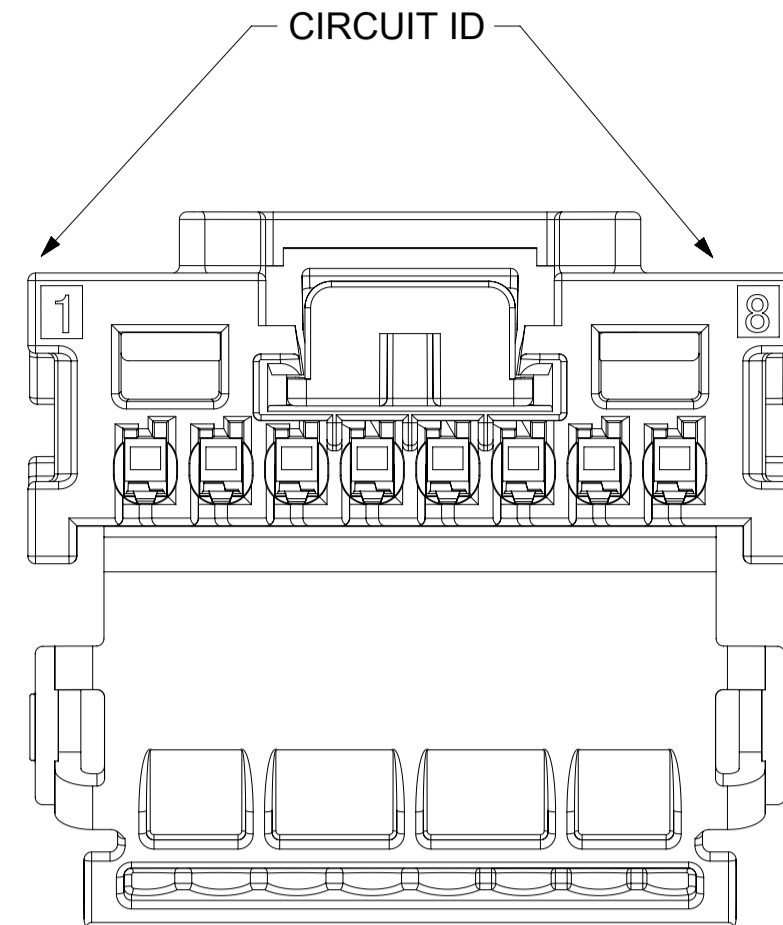
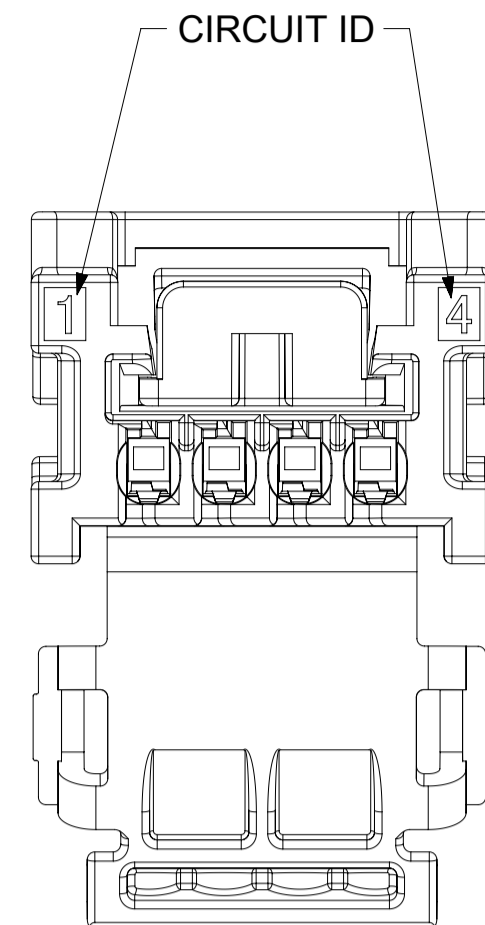
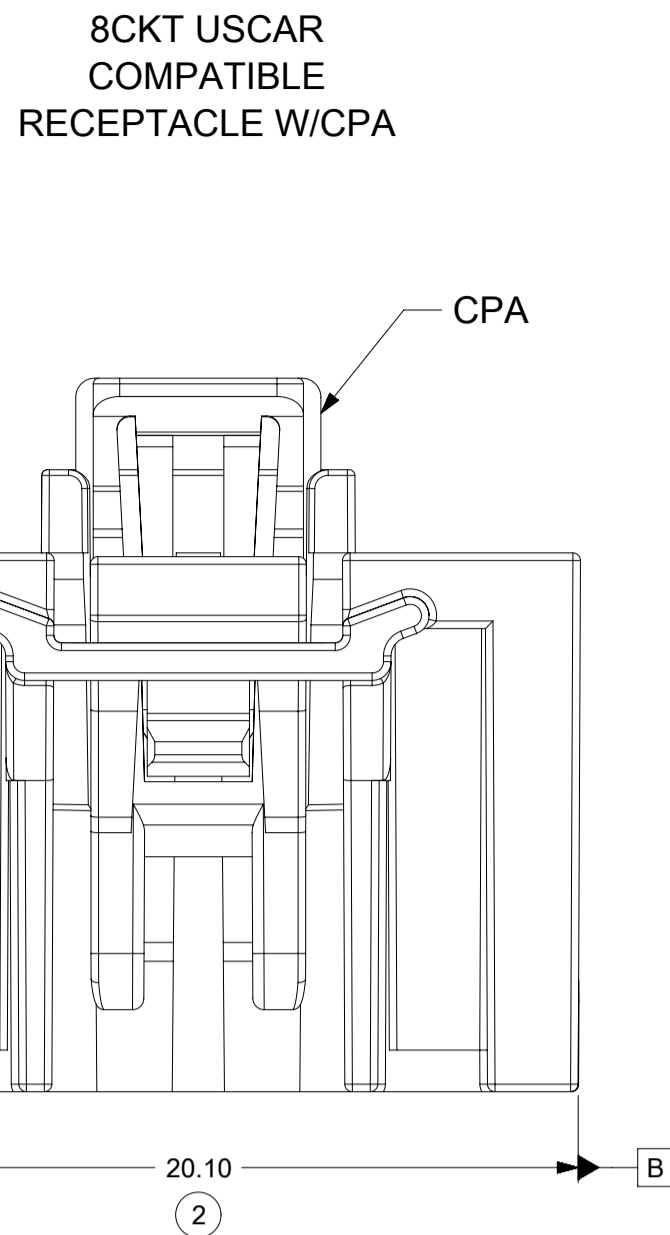
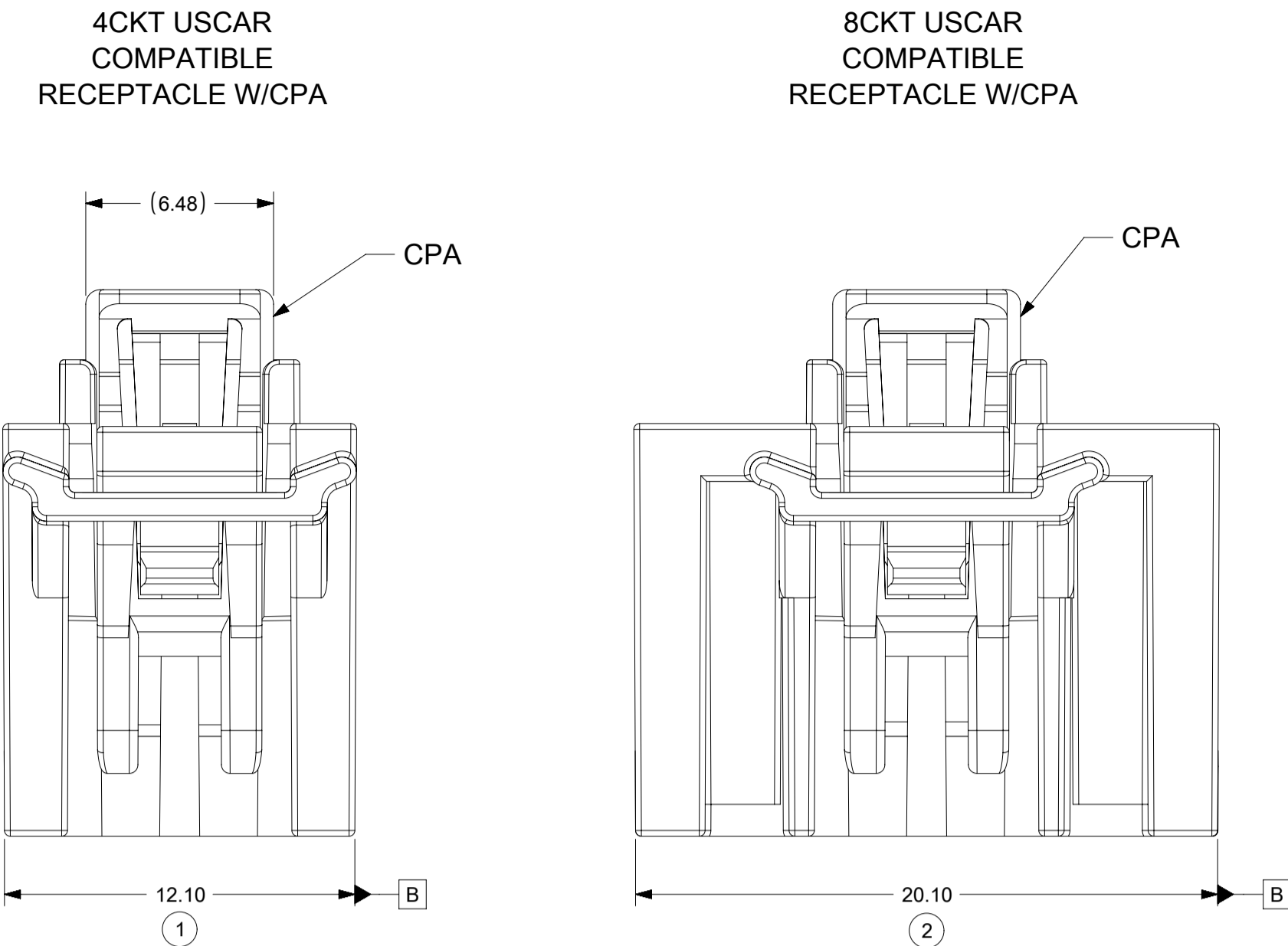
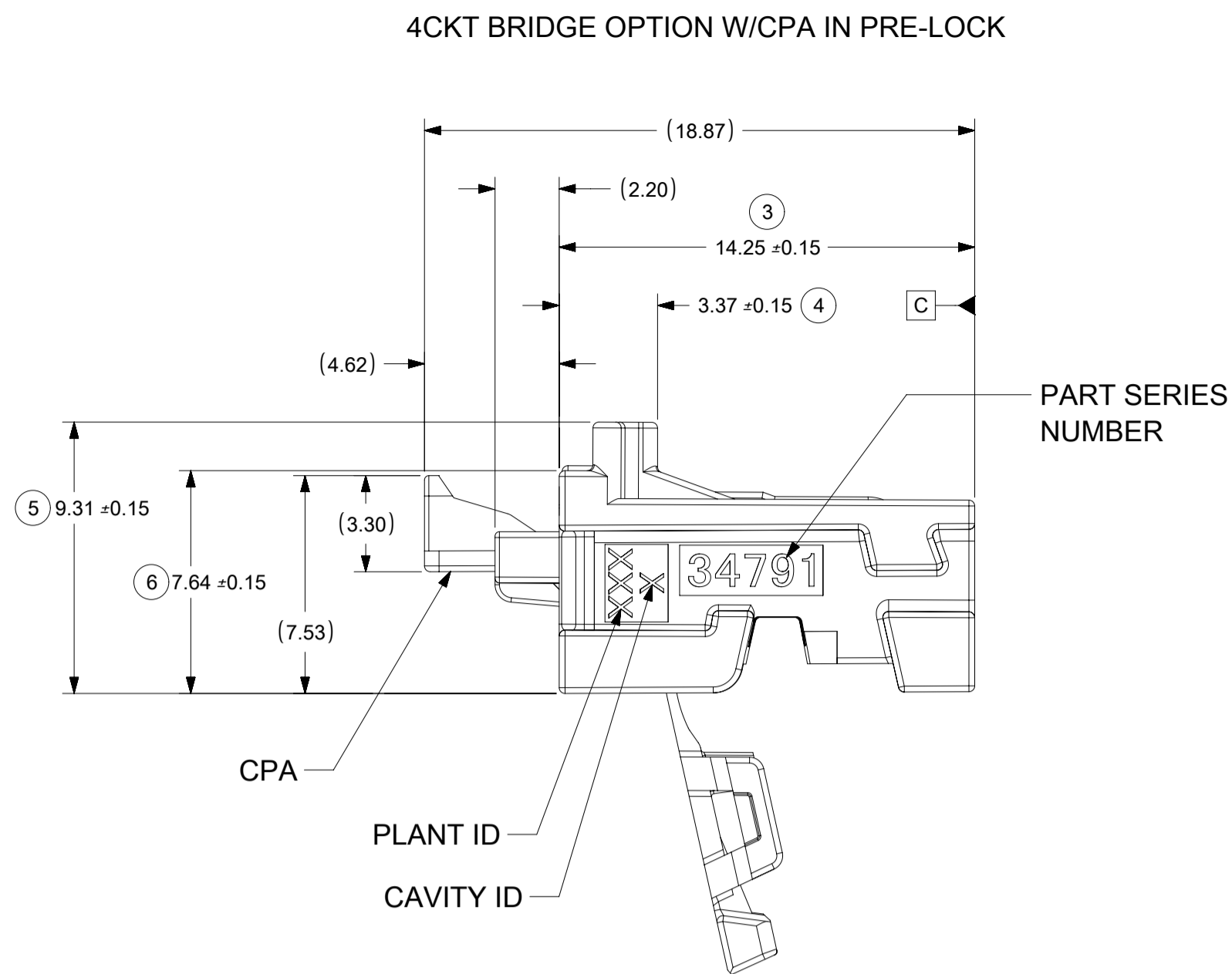
LAST BALLOON USED: 21

ADDED BALLOON NUMBERS:

REMOVED BALLOON NUMBERS: 22-33

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
EC NO: 614746 DRWN: SRUSS CHKD: REV: APPR:	2019/03/27	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		<div>molex®</div> <div>MINI 50 SINGLE/DUAL ROW CPA-RECEPTACLE ASSEMBLY SALES DRAWING</div>	
				MM ONLY		5:1			
		ANGULAR TOL ± 1.0 °		DRWN BY		DATE			
				MYOUNG01		2013/01/31			
		4 PLACES ±		CHK'D BY		DATE		<div>PRODUCT CUSTOMER DRAWING</div> <div>SERIES MATERIAL NUMBER CUSTOMER</div> <div>34824 SEE TABLE GENERAL MARKET</div> <div>DOCUMENT NUMBER DOC TYPE DOC PART SHEET NUMBER</div> <div>SD-34824-003 PSD 001 1 OF 4</div>	
		3 PLACES ±							
		2 PLACES ± 0.1		APPR BY		DATE			
		1 PLACE ± 0.2		RBAUMAN		2013/11/13			
		0 PLACES ±		DRAWING SIZE		THIRD ANGLE PROJECTION			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A1					

24CKT POLARIZATIONS SHOWN ARE REPRESENTATIVE FOR 16 AND 20CKT



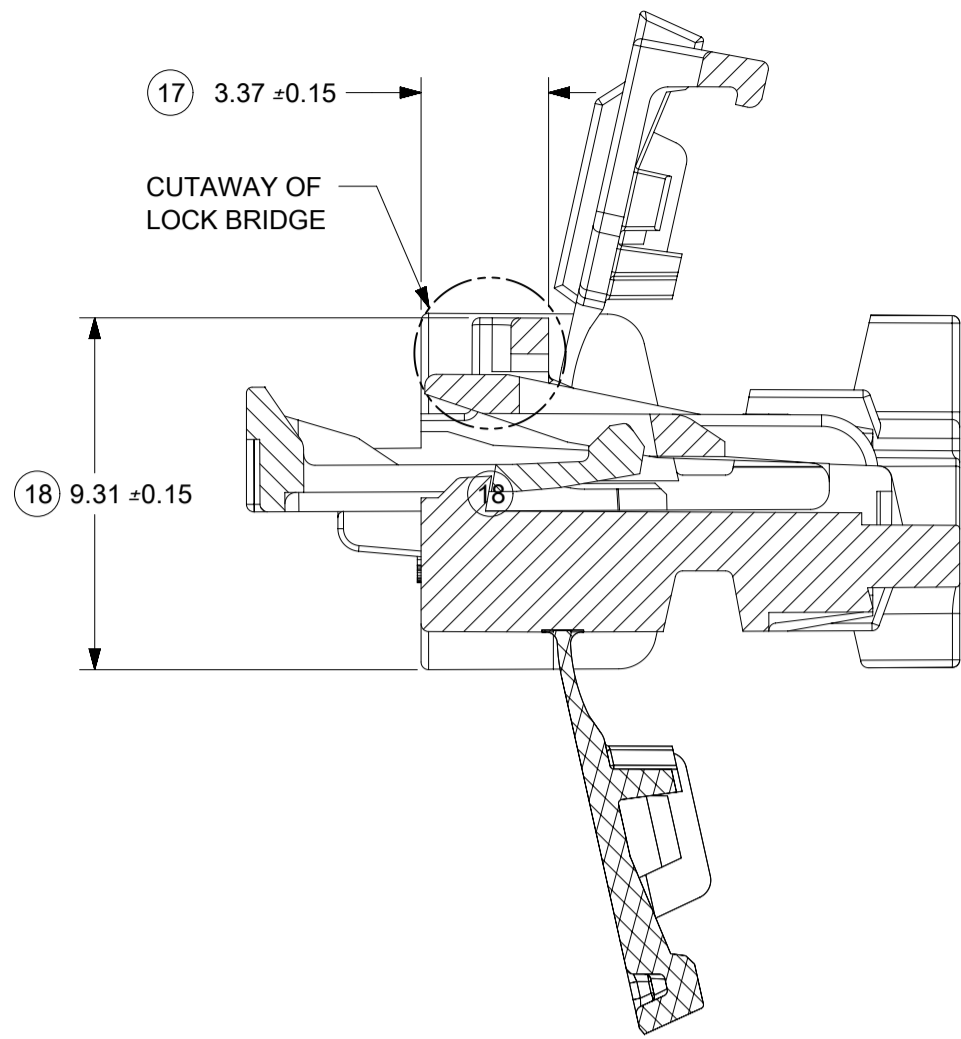
CHARTED DIMENSIONS		
DESCRIPTION	DIMENSION	
	A	B
4 CKT	16.09	6.77
8 CKT	22.52	7.77
12 CKT	23.18	8.47
16 CKT	26.87	8.47
20 CKT	30.65	8.47
24 CKT	34.47	8.47

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

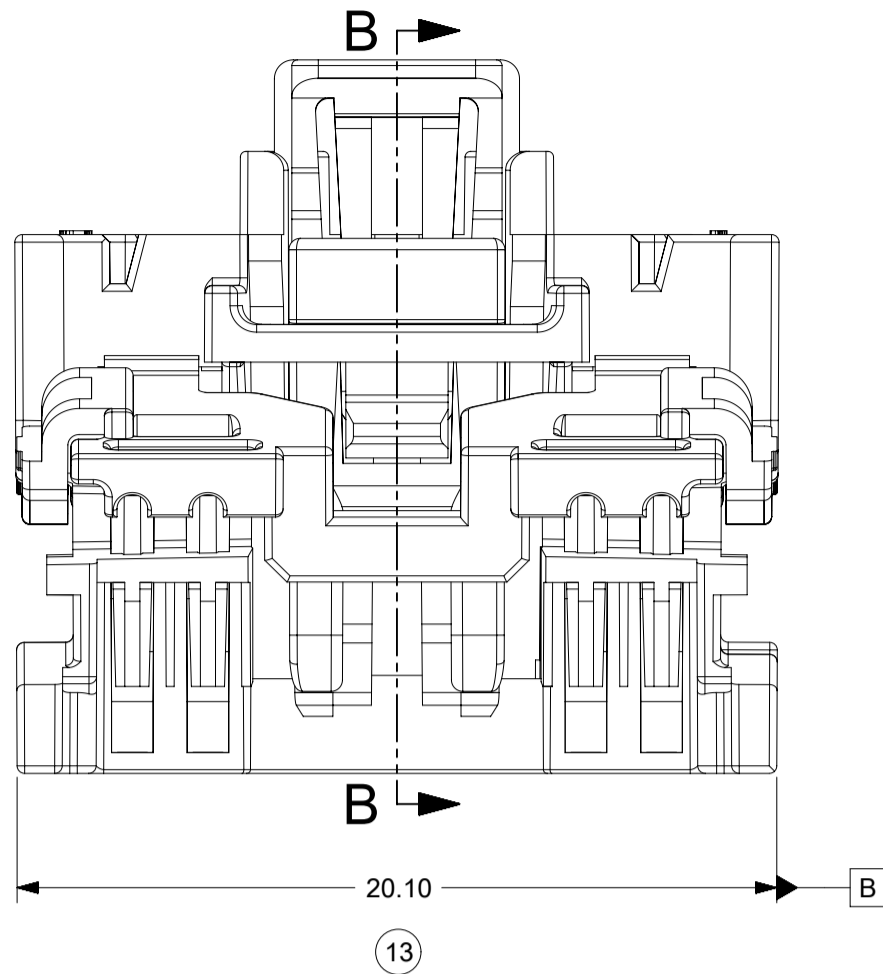
PENDING
APPROVAL

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							
▽ = 0	DRAWING							
▽ = 0	A1-SIZE							
▽ = 0	SERIES							
▽ = 0	34824							
▽ = 0	MATERIAL NUMBER							
▽ = 0	CUSTOMER							
▽ = 0	GENERAL MARKET							
▽ = 0	SHEET NUMBER							
▽ = 0	2 OF 4							

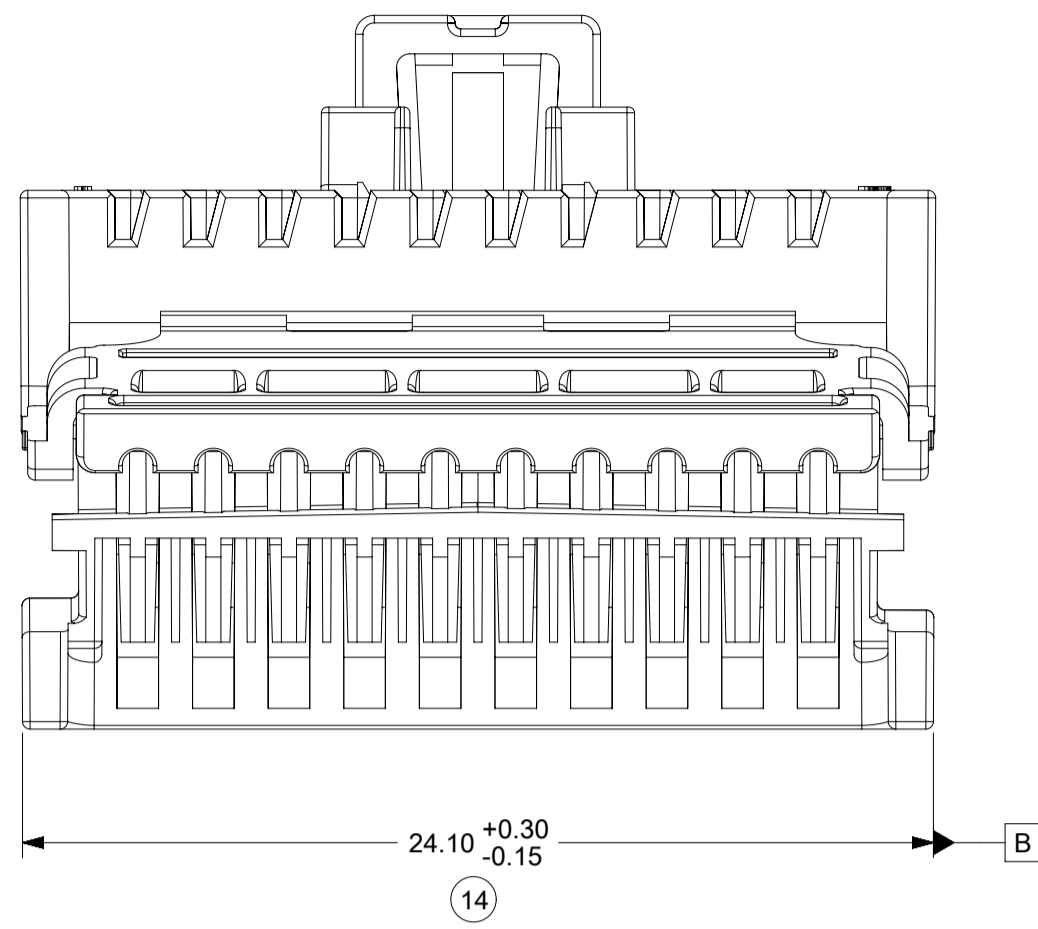
DUAL ROW LOCK BRIDGE OPTION



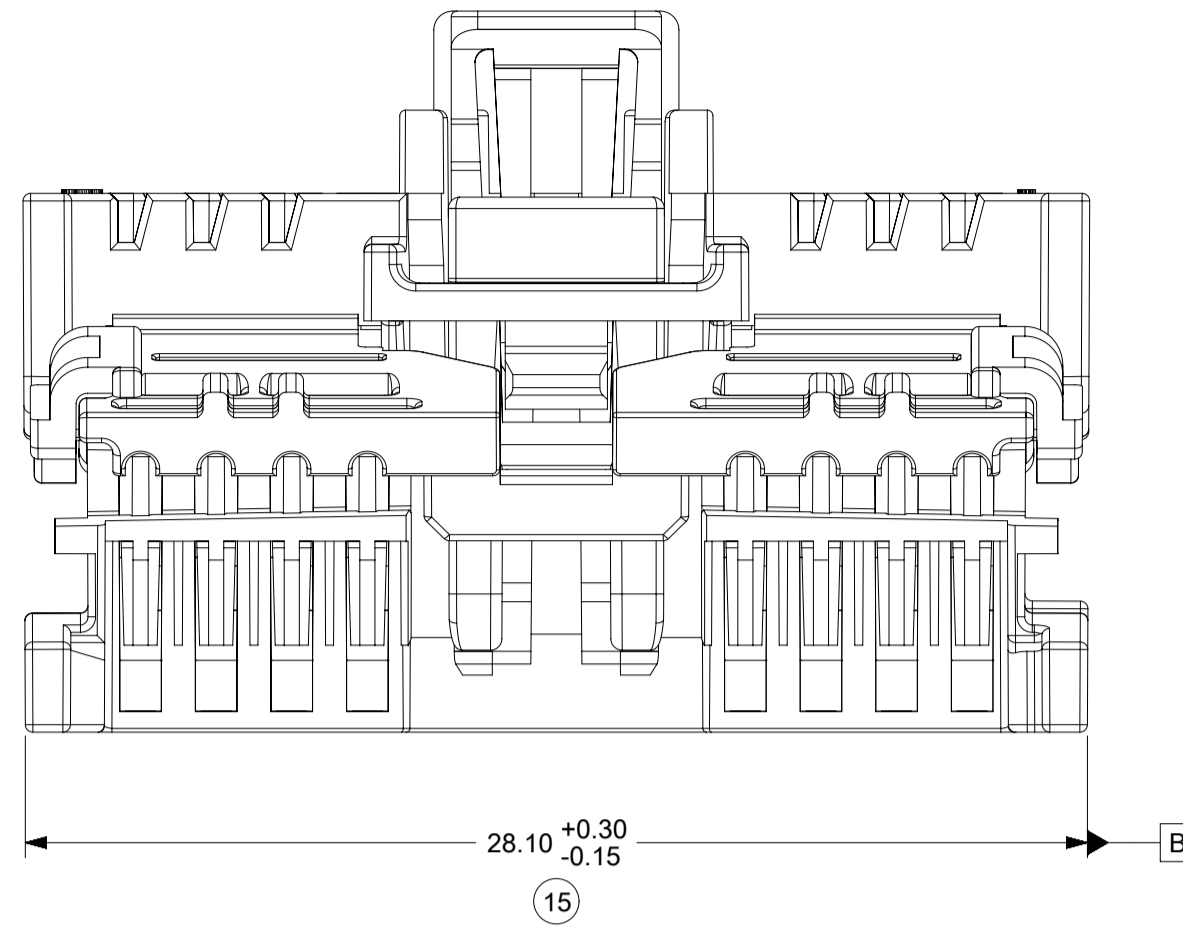
12 CKT USCAR COMPATIBLE
RECEPTACLE W/CPA



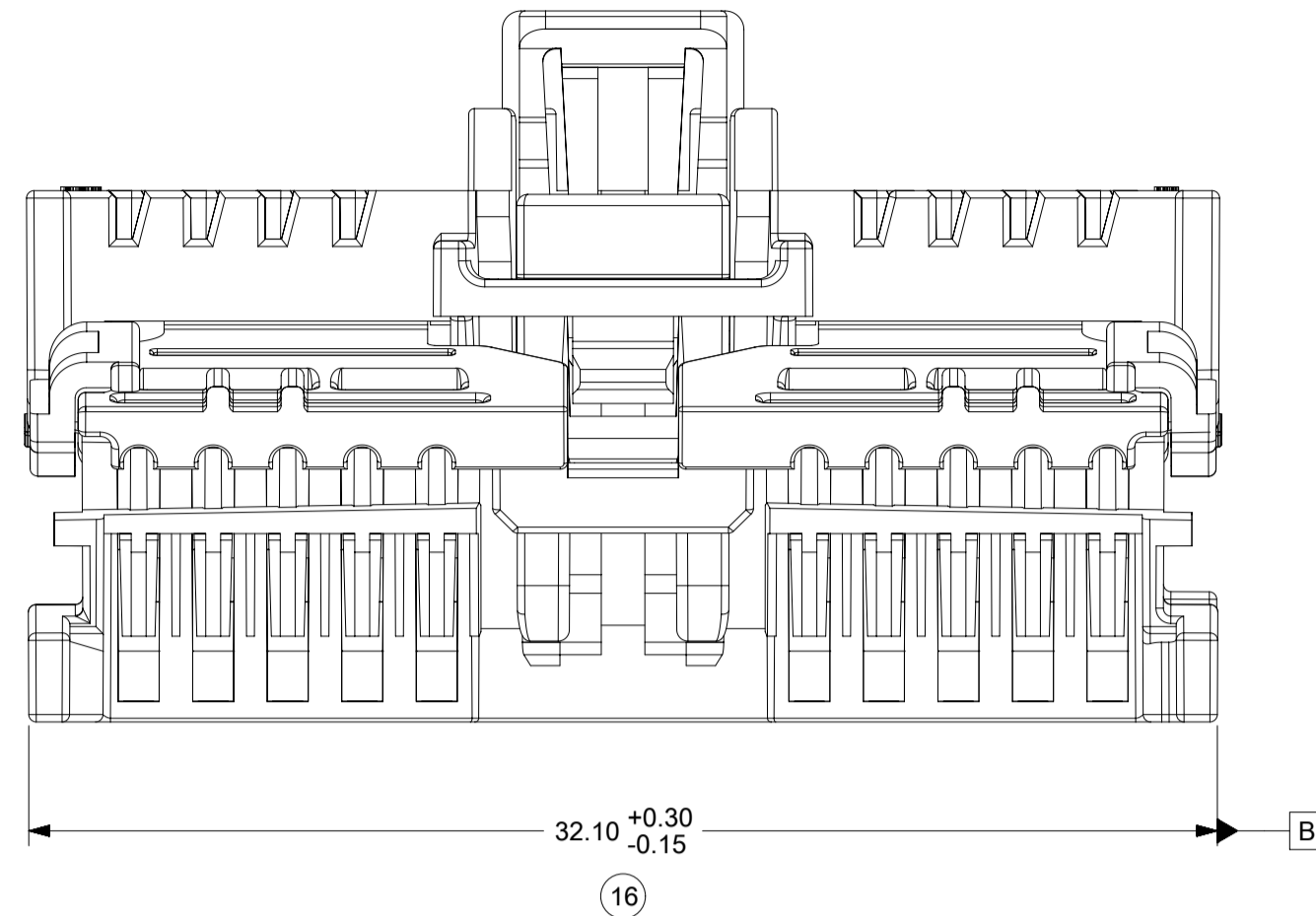
16 CKT USCAR COMPATIBLE
RECEPTACLE W/CPA



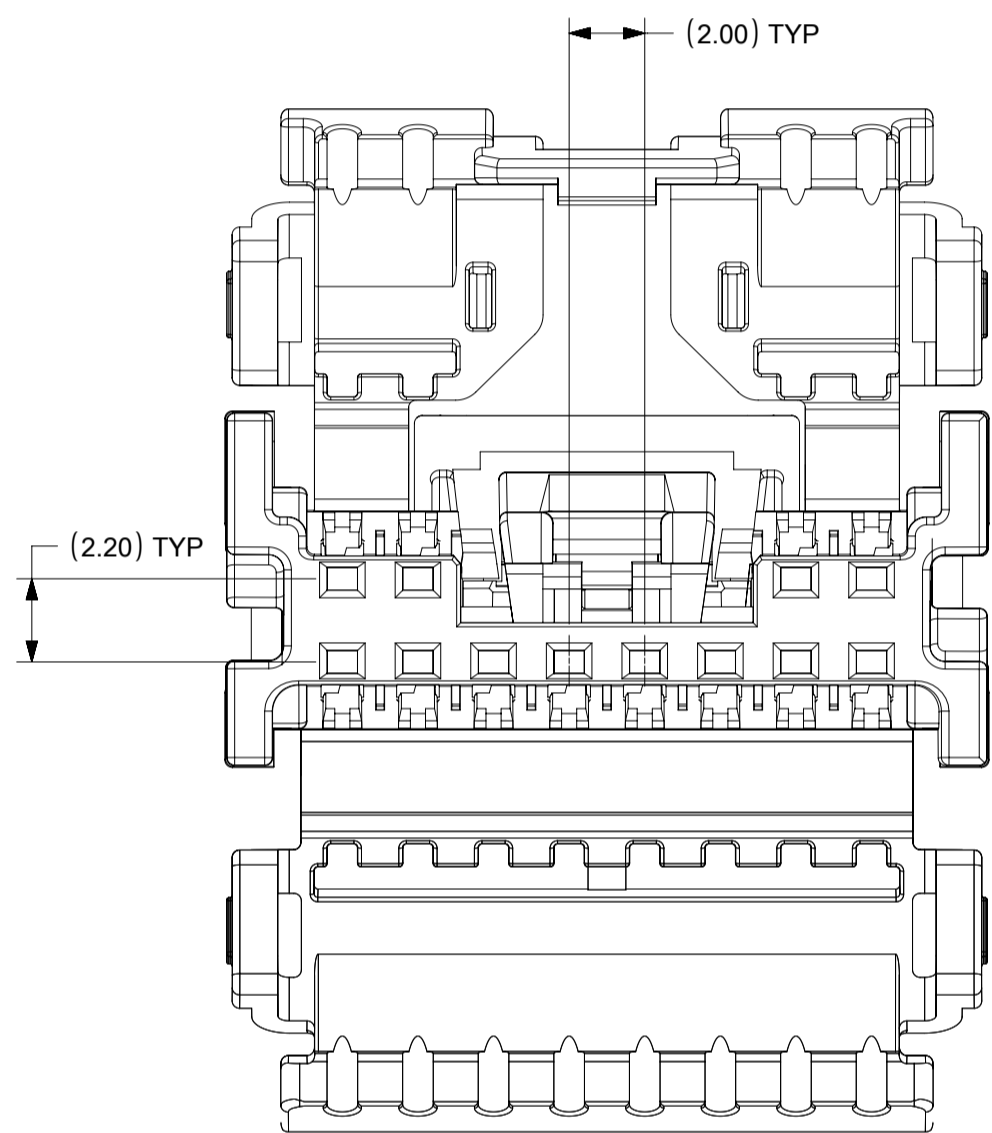
20 CKT USCAR COMPATIBLE
RECEPTACLE W/CPA



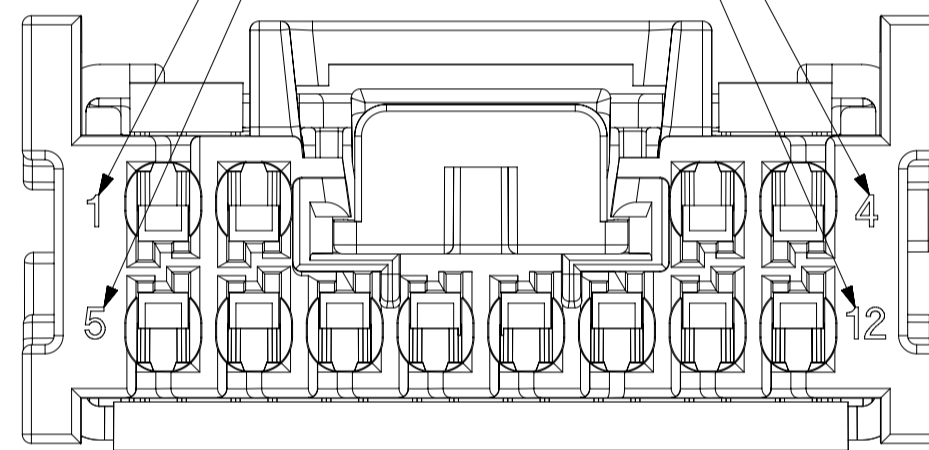
24 CKT USCAR COMPATIBLE
RECEPTACLE W/CPA



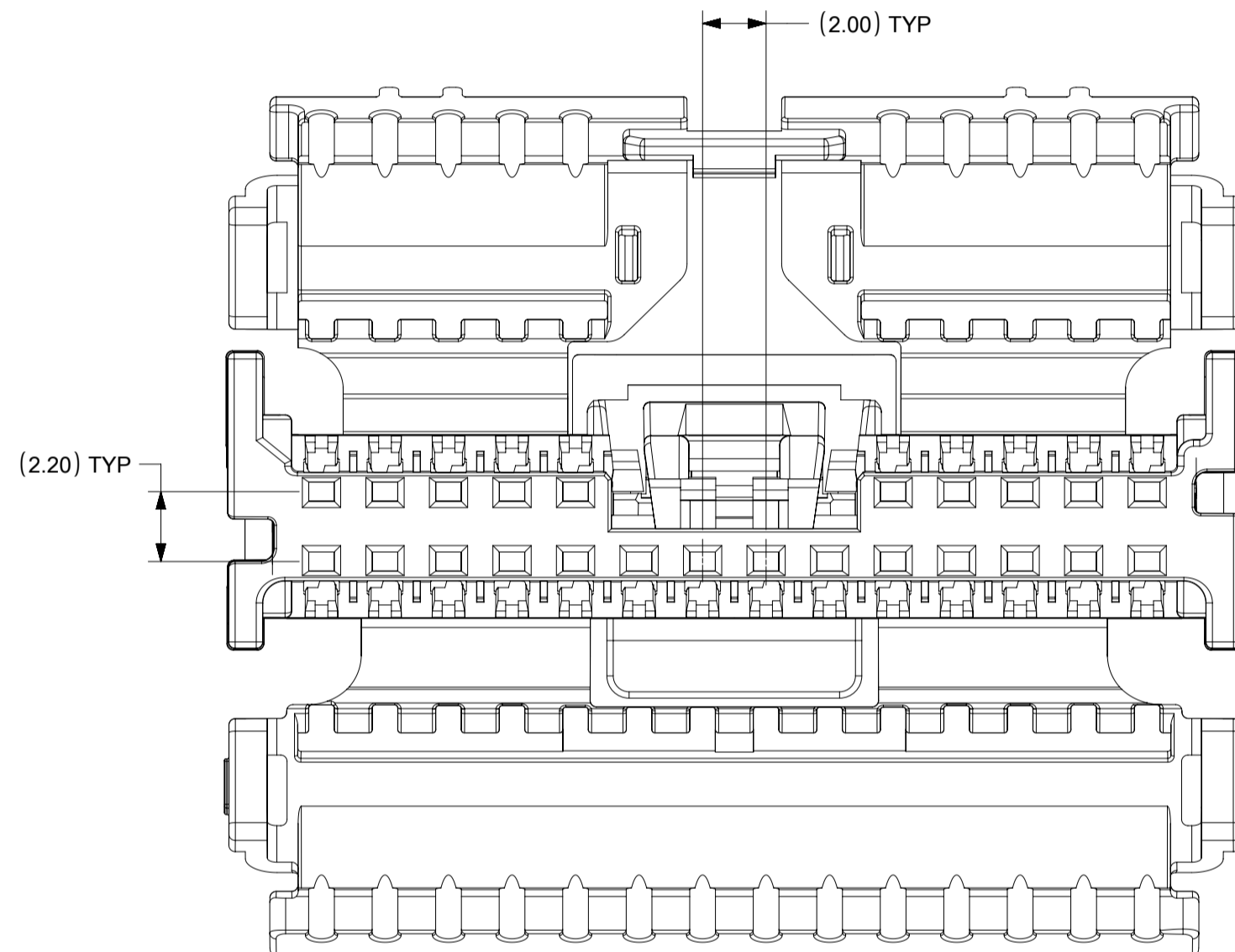
SECTION B-B



CIRCUIT ID

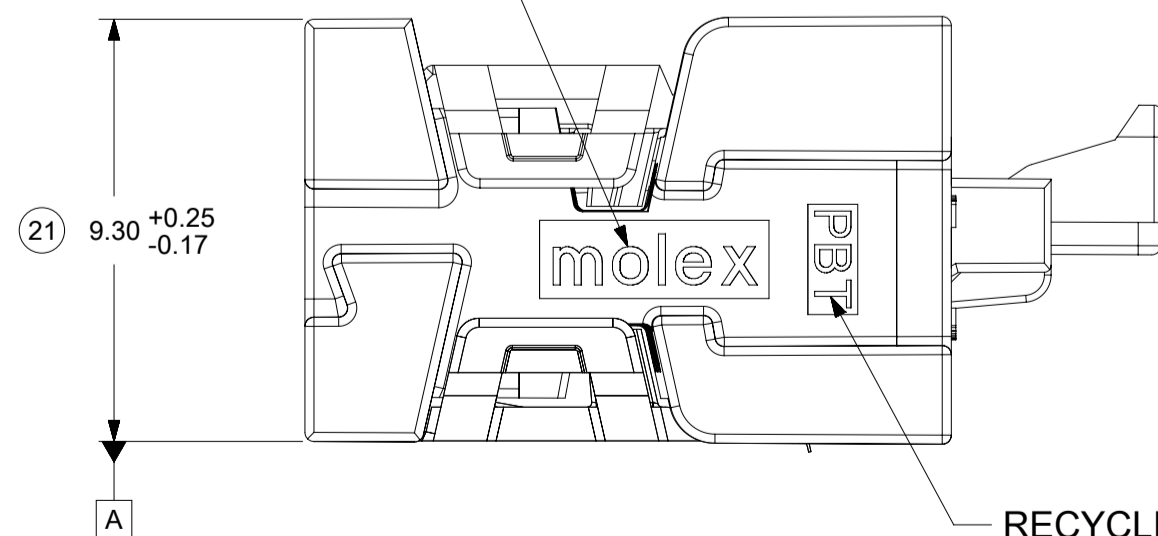


(2.20) TYP



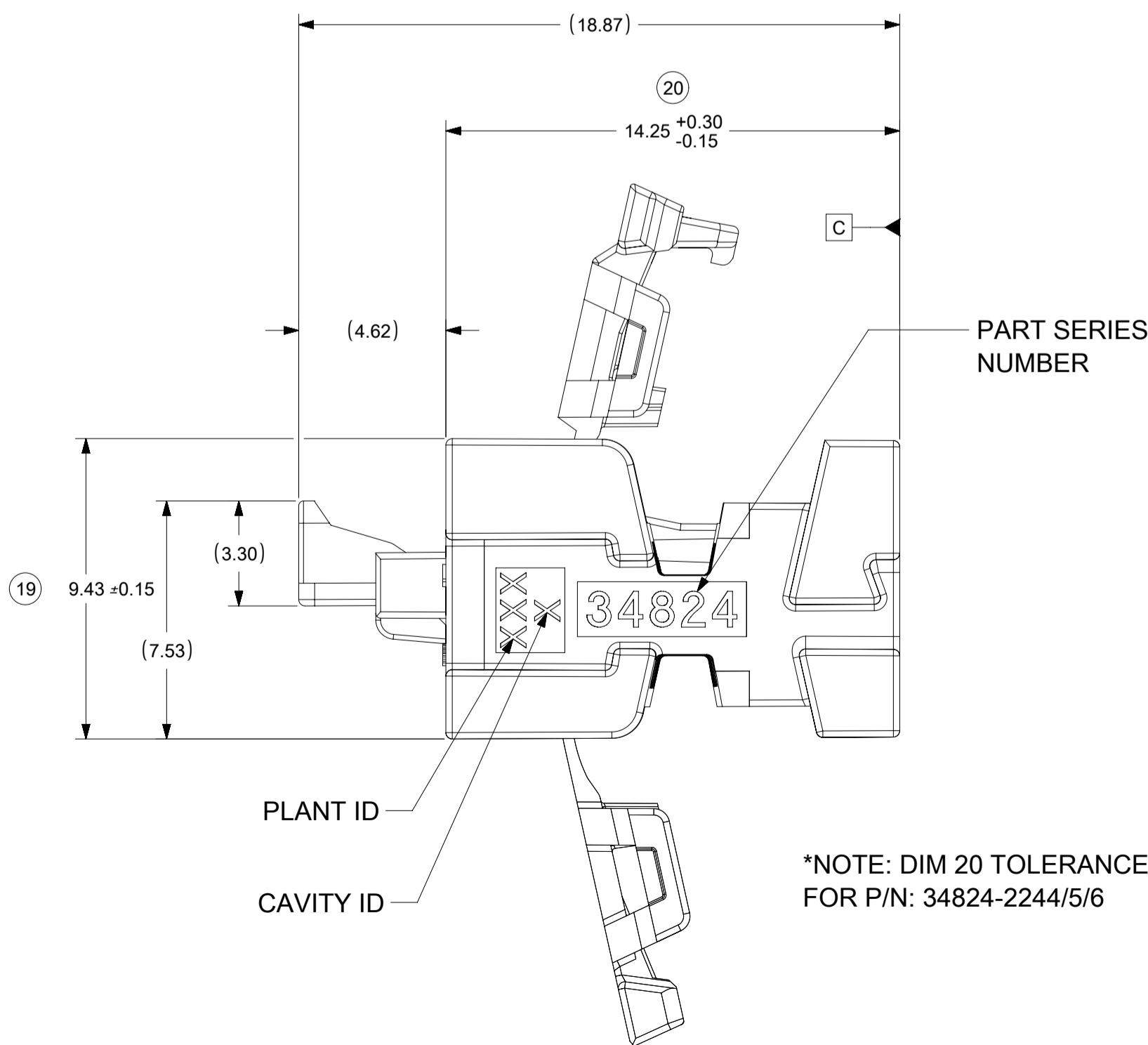
HINGES CLOSED

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:				<div>molex</div> <div>MINI 50 SINGLE/DUAL ROW CPA-RECEPTACLE ASSEMBLY SALES DRAWING</div>									
= 0		mm		5:1		EC NO: 614746 DRWN: SRUSS CHK'D: APPR: INITIAL REVISION: DRWN: TMACHUGA APPR: RBAUMAN													
= 0		GENERAL TOLERANCES (UNLESS SPECIFIED)																	
= 0		ANGULAR TOL ± 1.0 °																	
= 0		4 PLACES		±		2019/03/27				PRODUCT CUSTOMER DRAWING									
= 0		3 PLACES		±						DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
= 0		2 PLACES		± 0.1		2013/10/15 2013/11/13				SD-34824-003				PSD		001		M8	
= 0		1 PLACE		± 0.2						MATERIAL NUMBER				CUSTOMER				SHEET NUMBER	
= 0		0 PLACES		±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		GENERAL MARKET			
= 0										A1-SIZE		34824		3 OF 4					

molex

MINI 50 SINGLE/DUAL ROW
CPA-RECEPTACLE ASSEMBLY SALES DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34824-003	PSD	001	M8

DOCUMENT STATUS	RQ	RELEASE DATE

18

17

16

15

14

13

12

11

10

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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			
		COPPER ALLOY	0.35	LARGE
		COPPER ALLOY	0.22	MEDIUM
		COPPER ALLOY	0.13	SMALL



PENDING APPROVAL

SYMBOLS

DOCUMENT STATUS				RQ	RELEASE DATE												<div> <div></div> <div>= 0</div> </div> <div> <div></div> <div>= 0</div> </div>	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION 	DRAWING A1-SIZE	SERIES 34824	MATERIAL NUMBER	CUSTOMER GENERAL MARKET	SHEET NUMBER 4 OF 4
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