



产品编号：[347910040](#)
Product Description：Mini50 Unsealed
Receptacle, Single Row, Non-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 347910040_sd.pdf](#)
[包装设计图 PK-31301-538-001.pdf](#)

3D 模型和设计文件
[3D模型 347910040_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, Non-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	884982491434

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. 764/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

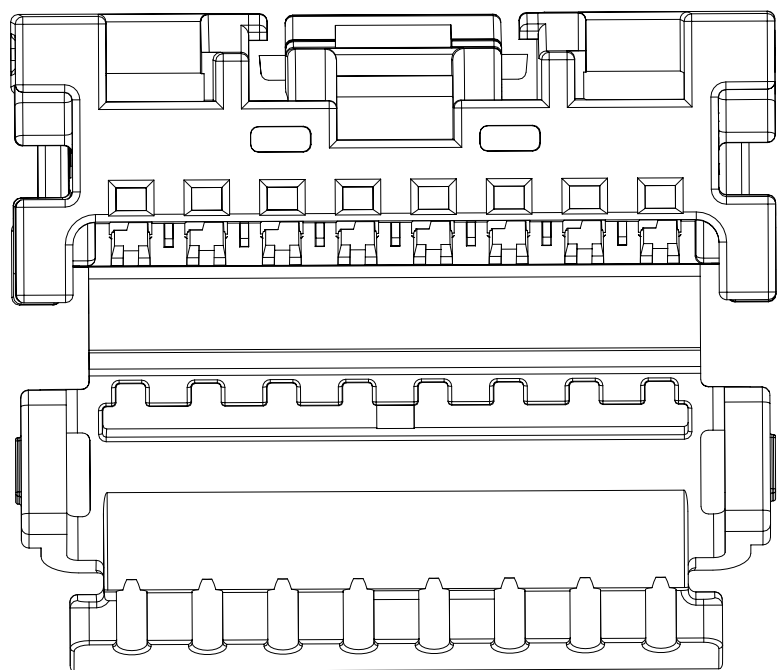
可配插/可连接使用的产品

可配插部件

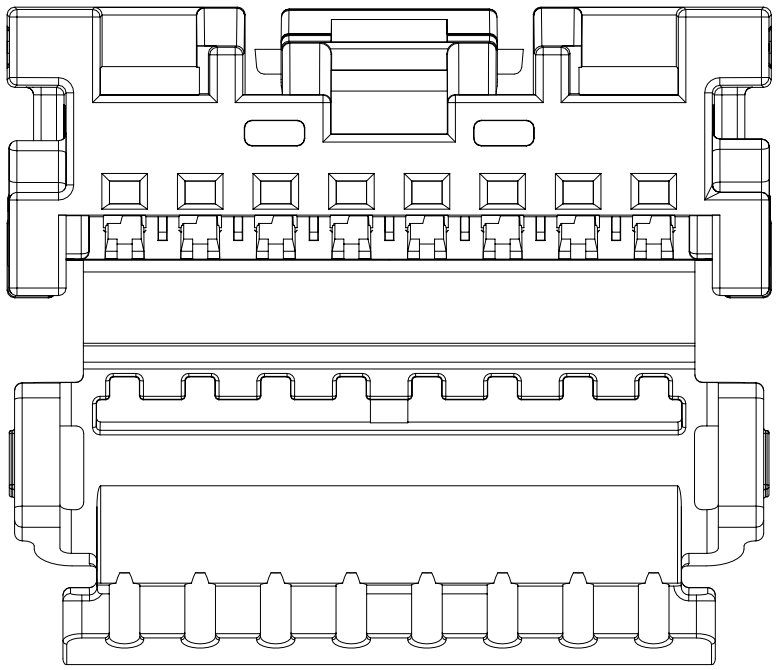
描述	产品编号
Mini50 Unsealed Vertical Headers	<u>34792</u>
Mini50 Unsealed Right-Angle Headers	<u>34793</u>
Mini50 Unsealed Single Row Right-Angle Headers	<u>34912</u>
Mini50 Unsealed Single Row Inline Housings	<u>203700</u>

可连接使用部件

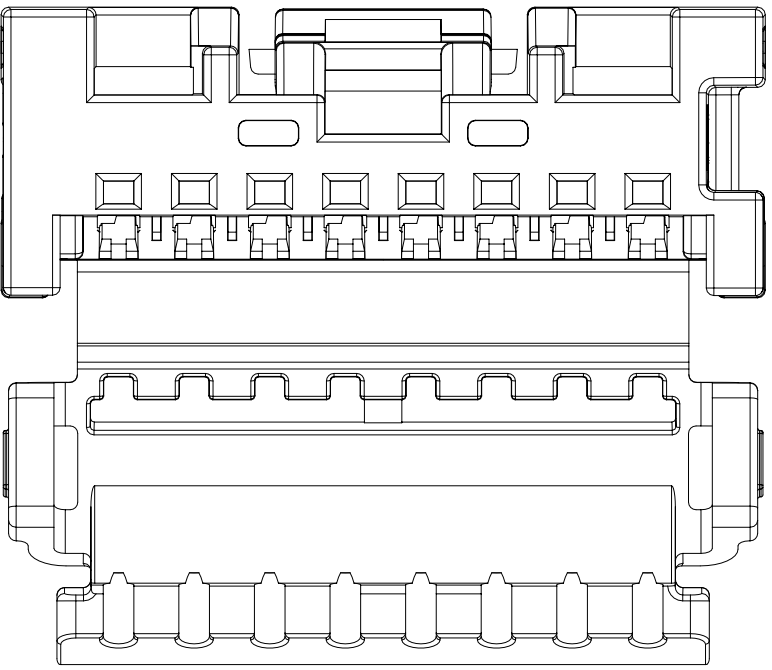
描述	产品编号
CTX50 Unsealed Receptacle Terminals	<u>560023</u>



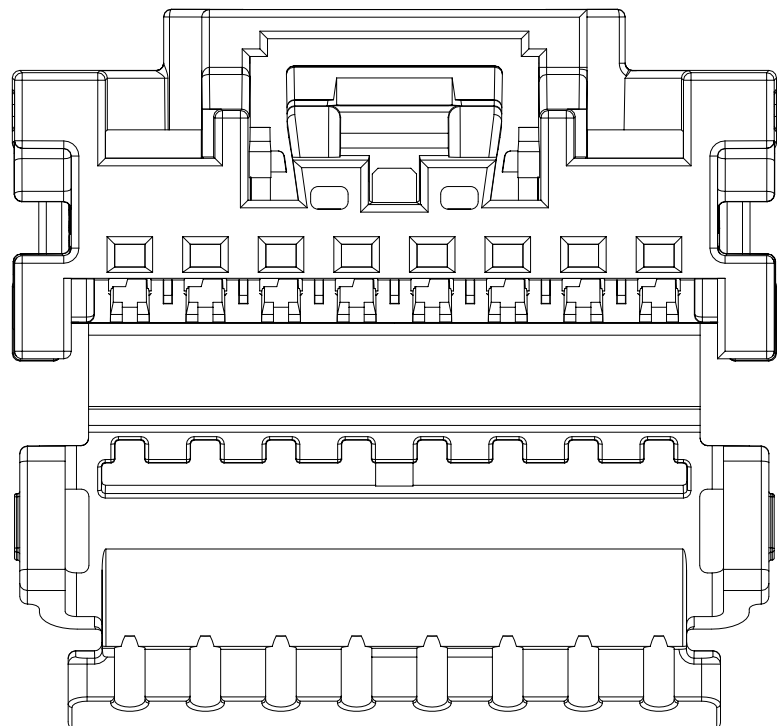
8 CIRCUIT RECEPTACLE NO BRIDGE
POLARIZATION OPTION A



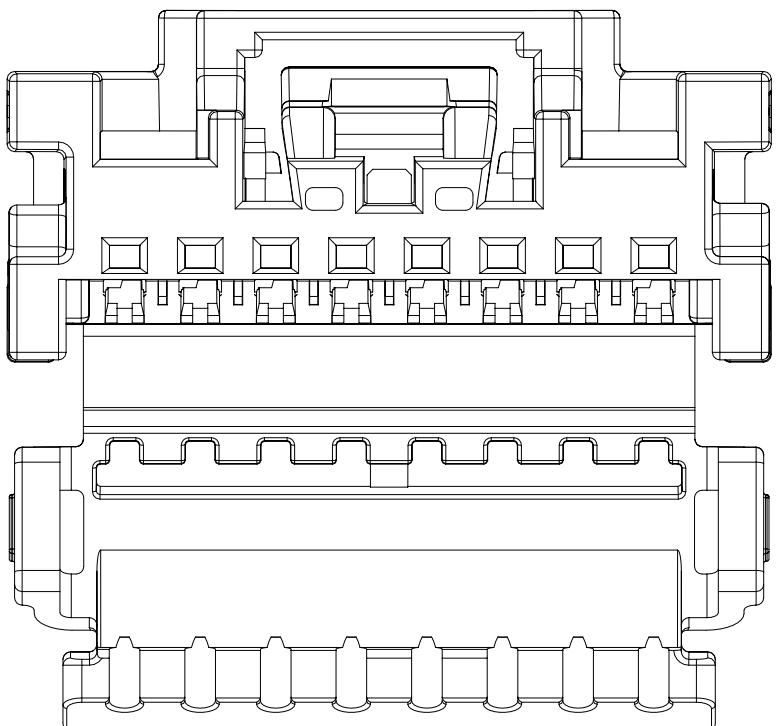
8 CIRCUIT RECEPTACLE NO BRIDGE
POLARIZATION OPTION B



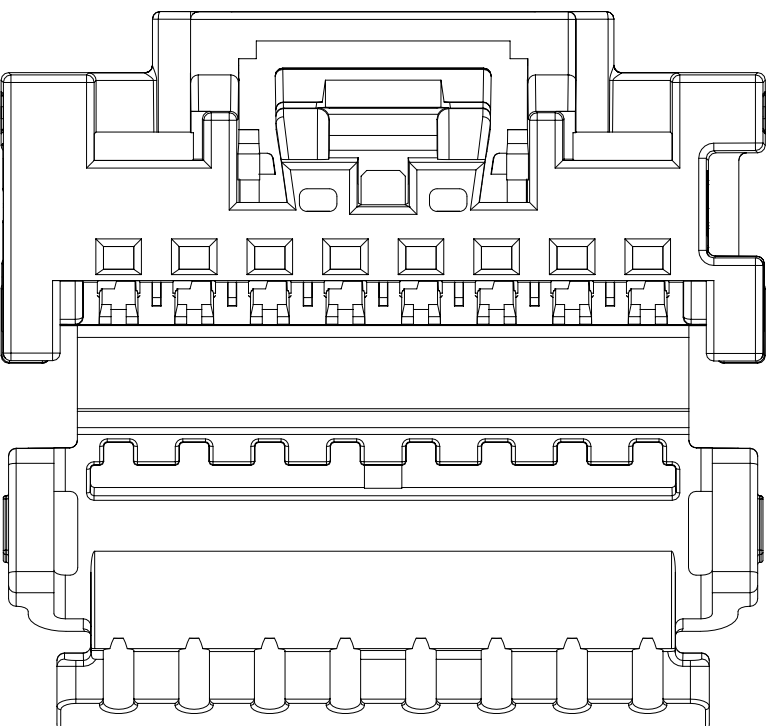
8 CIRCUIT RECEPTACLE NO BRIDGE
POLARIZATION OPTION C



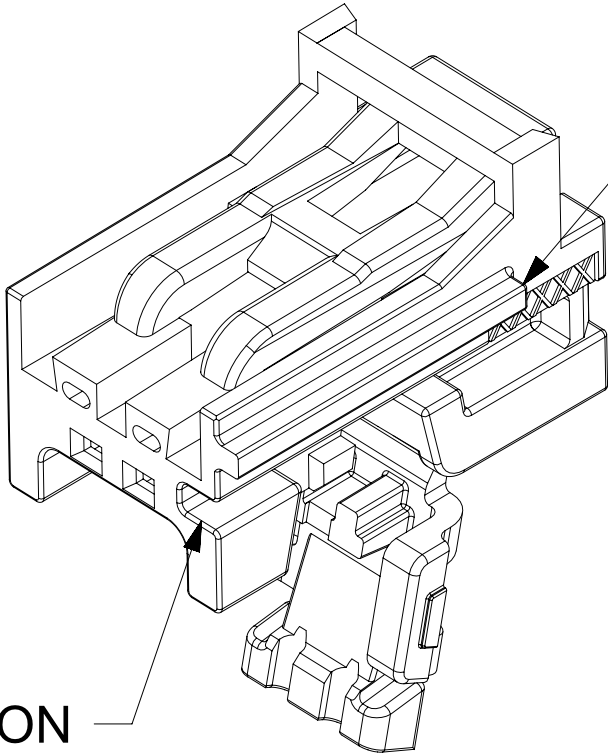
8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION A



8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION B



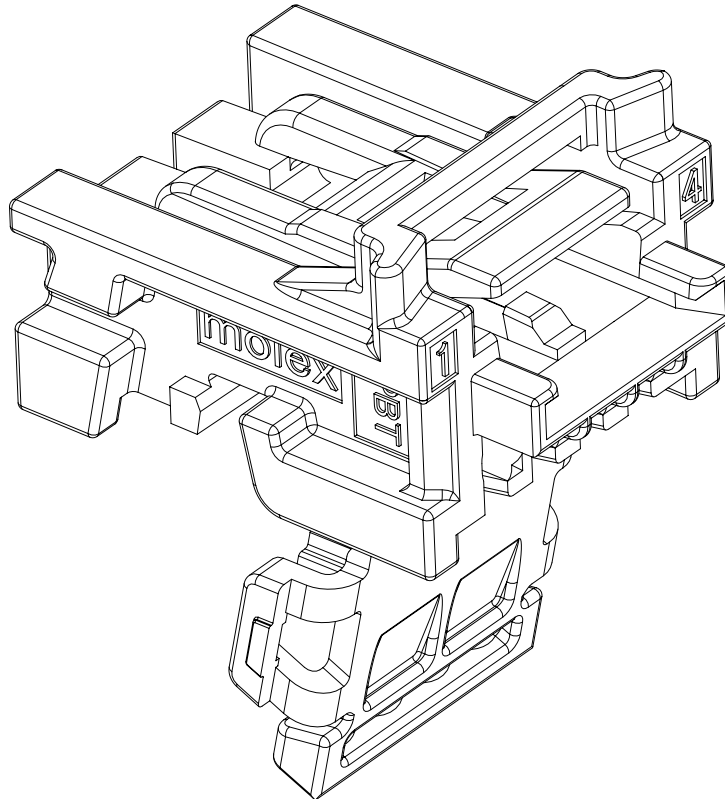
8 CIRCUIT RECEPTACLE BRIDGED
POLARIZATION OPTION C



2 CIRCUIT RECEPTACLE SHOWN
(AS SHIPPED)

POLARIZATION
FEATURE
LOCATION

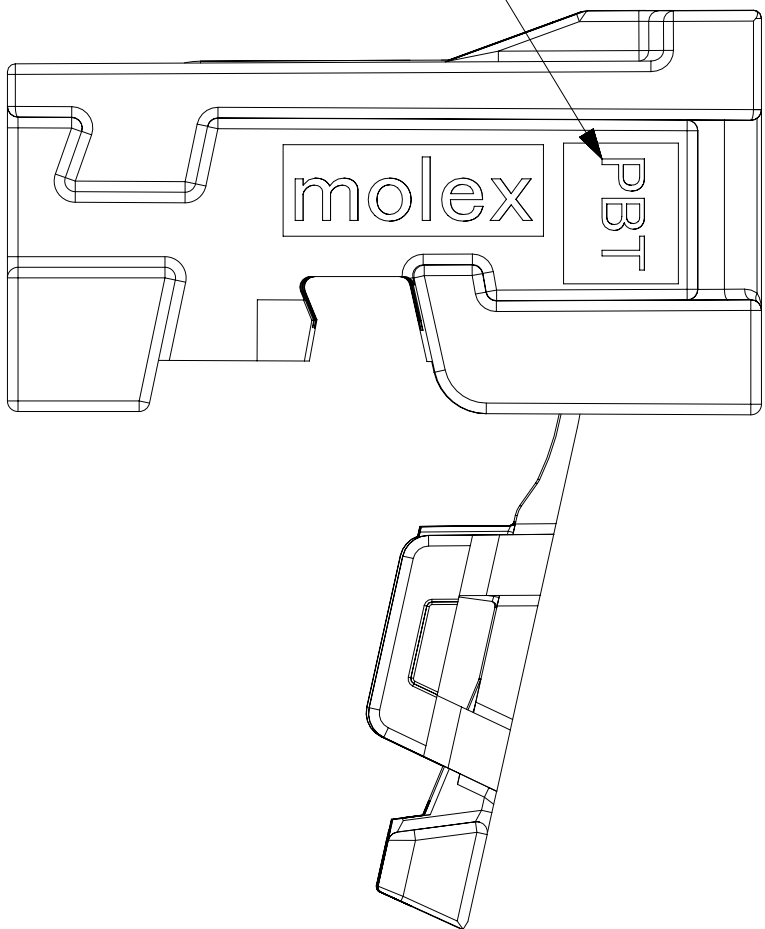
POLARIZATION
FEATURE
LOCATION



4 CIRCUIT RECEPTACLE SHOWN
(AS SHIPPED)

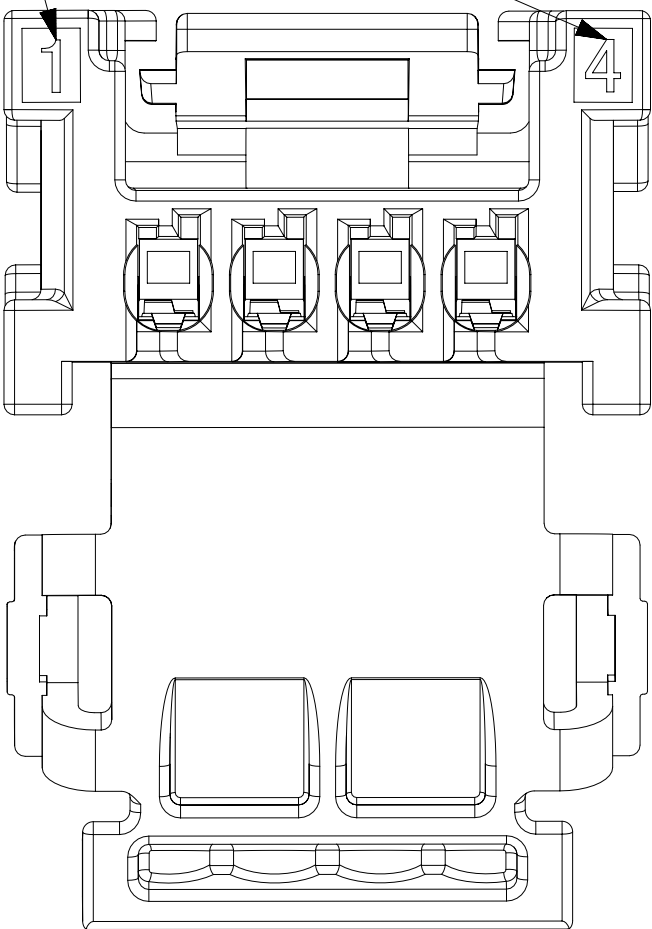
MINI50 WITH BRIDGE OPTION
COMES WITH CPA TRAY
REFER TO SD-34824-003 FOR
CPA-RECEPTACLE ASSEMBLIES

RECYCLING CODE

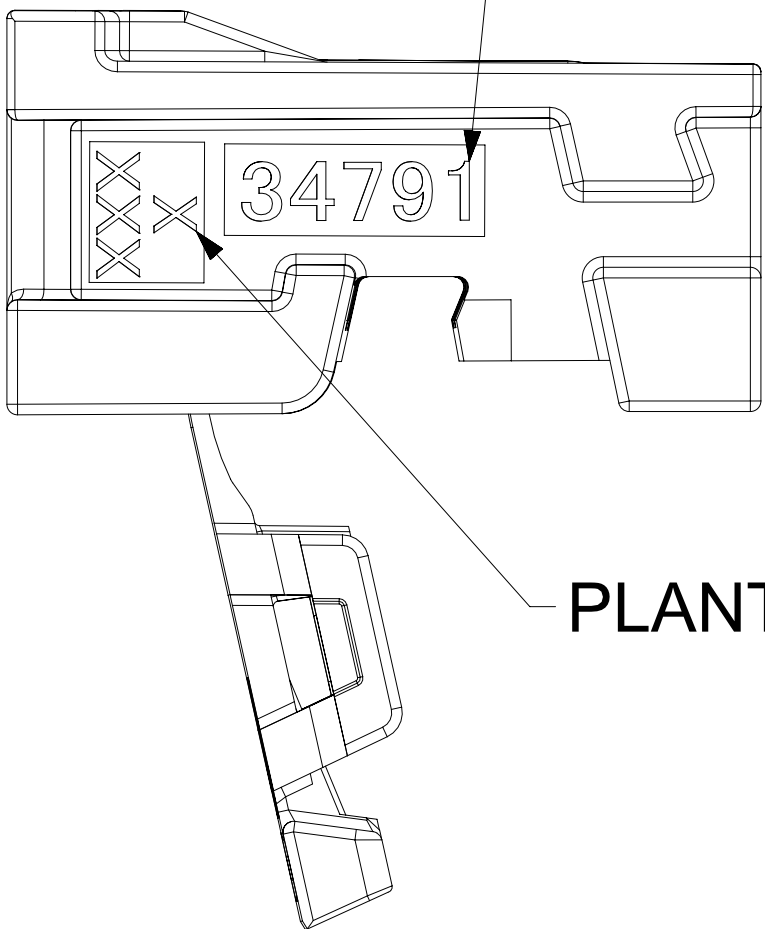


SCALE 7:1

CIRCUIT ID



PART SERIES NUMBER



PLANT CODE & CAVITY ID

SCALE 7:1

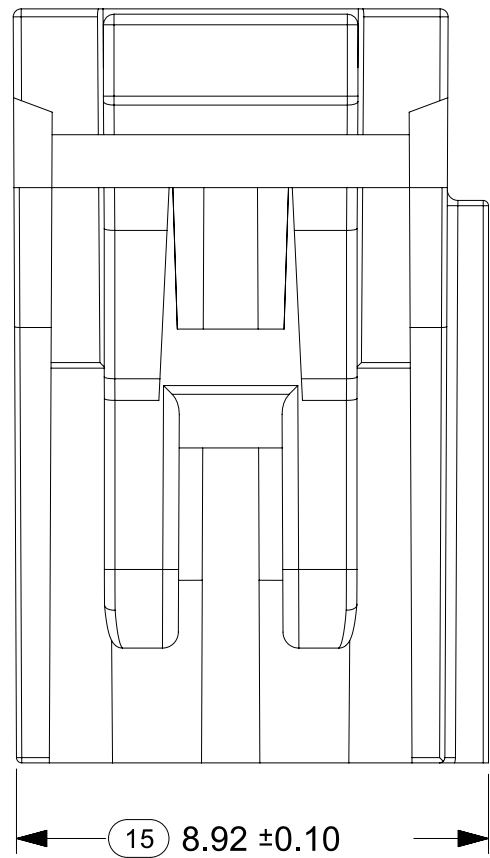
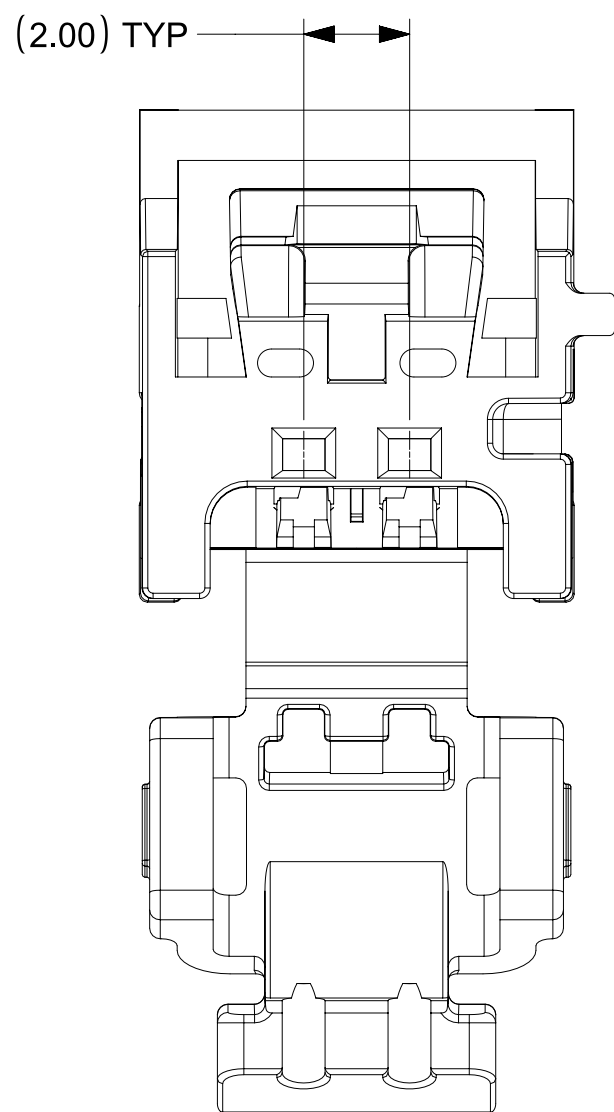
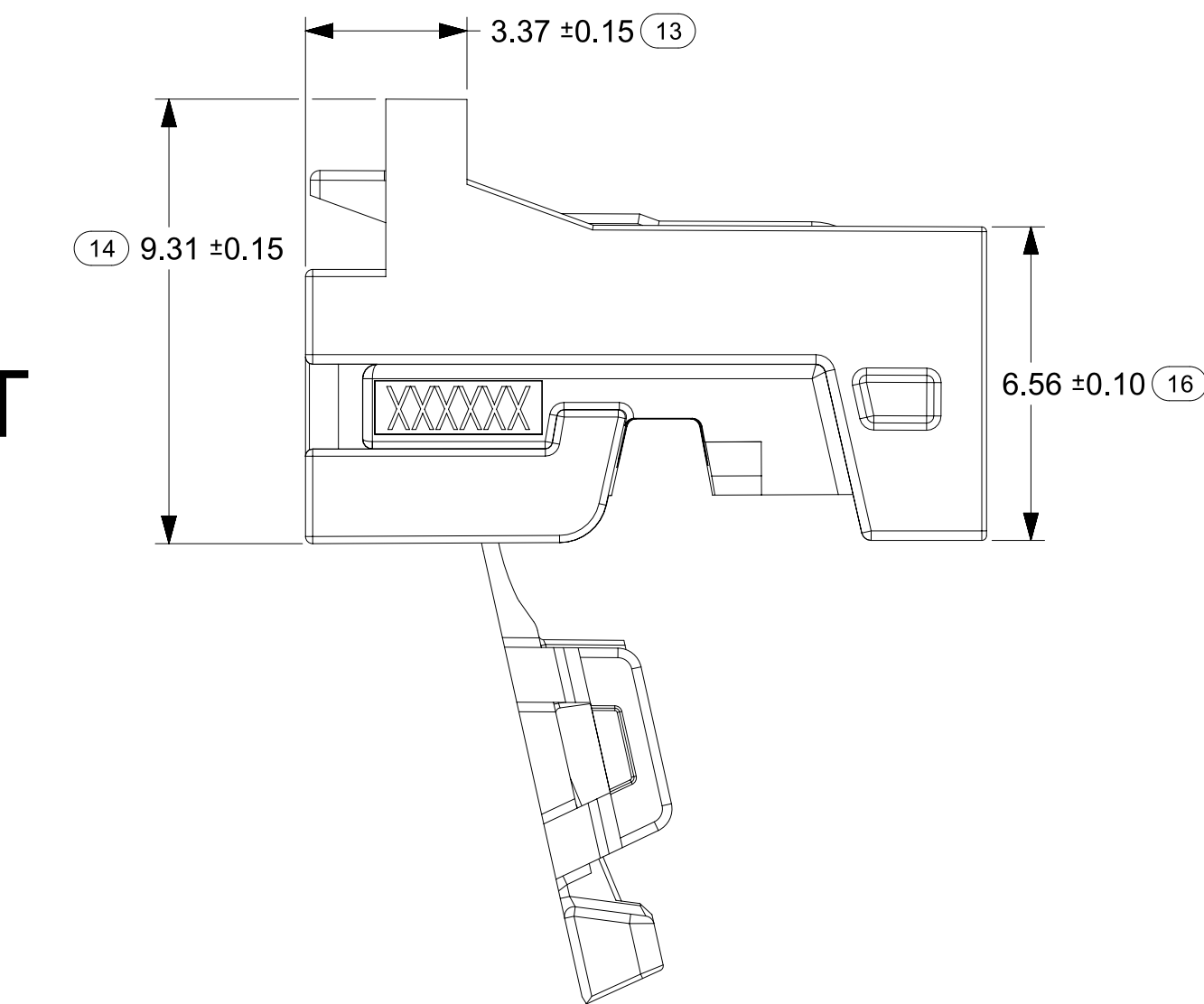
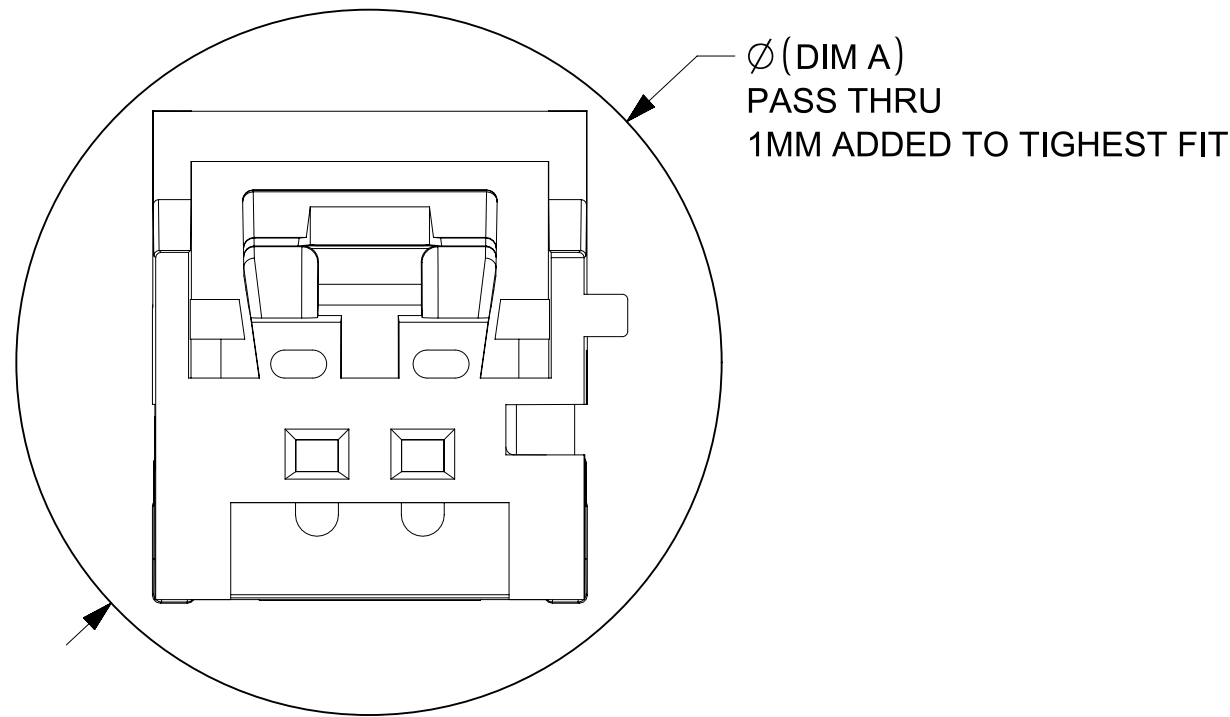
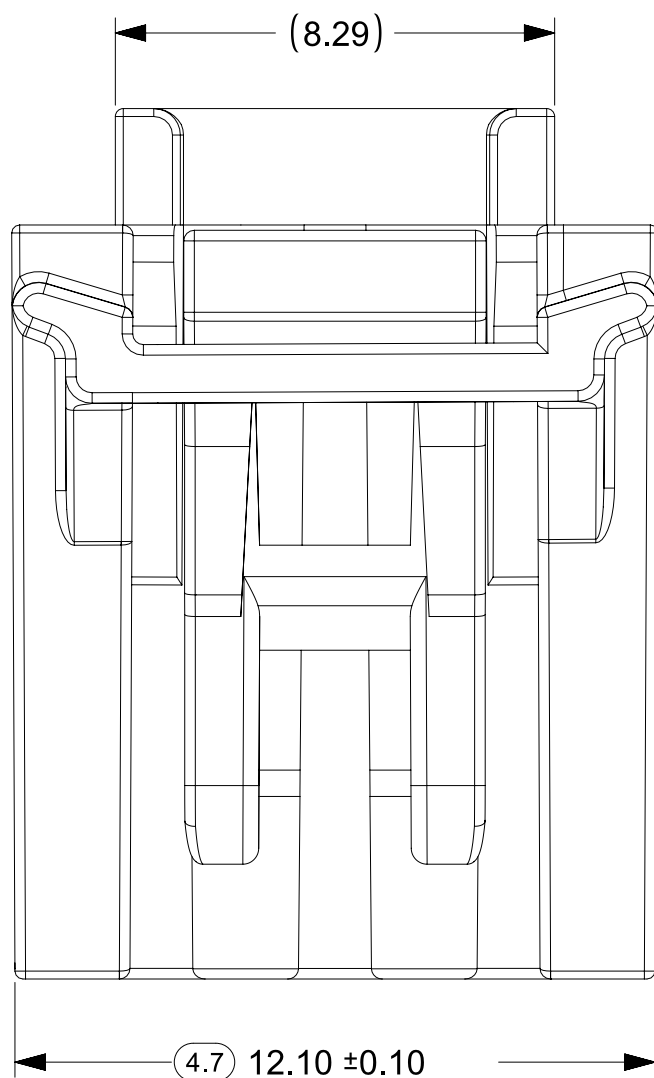
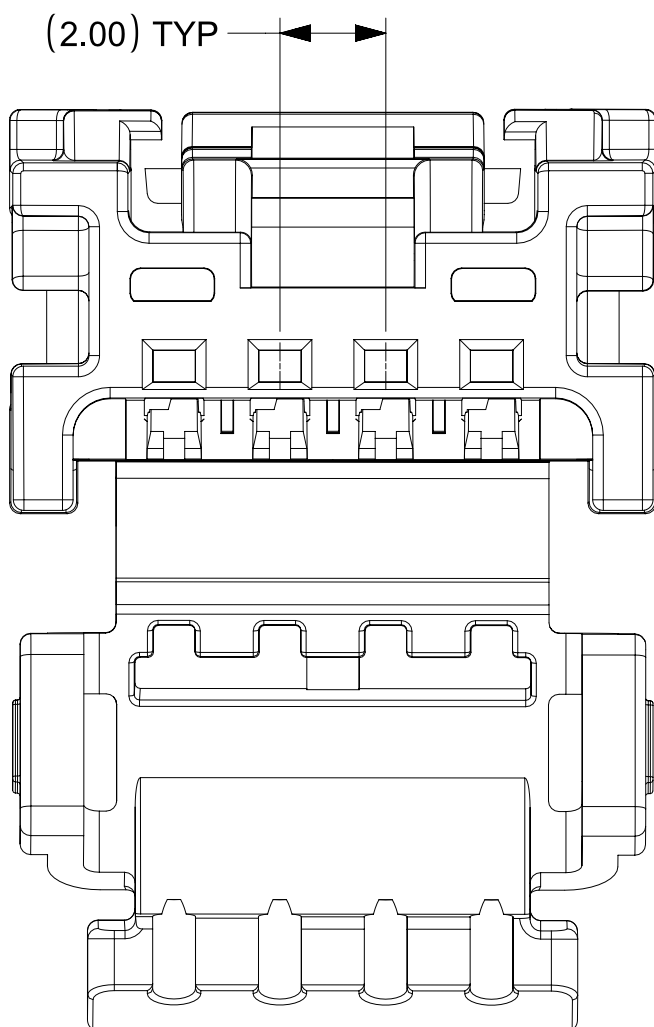
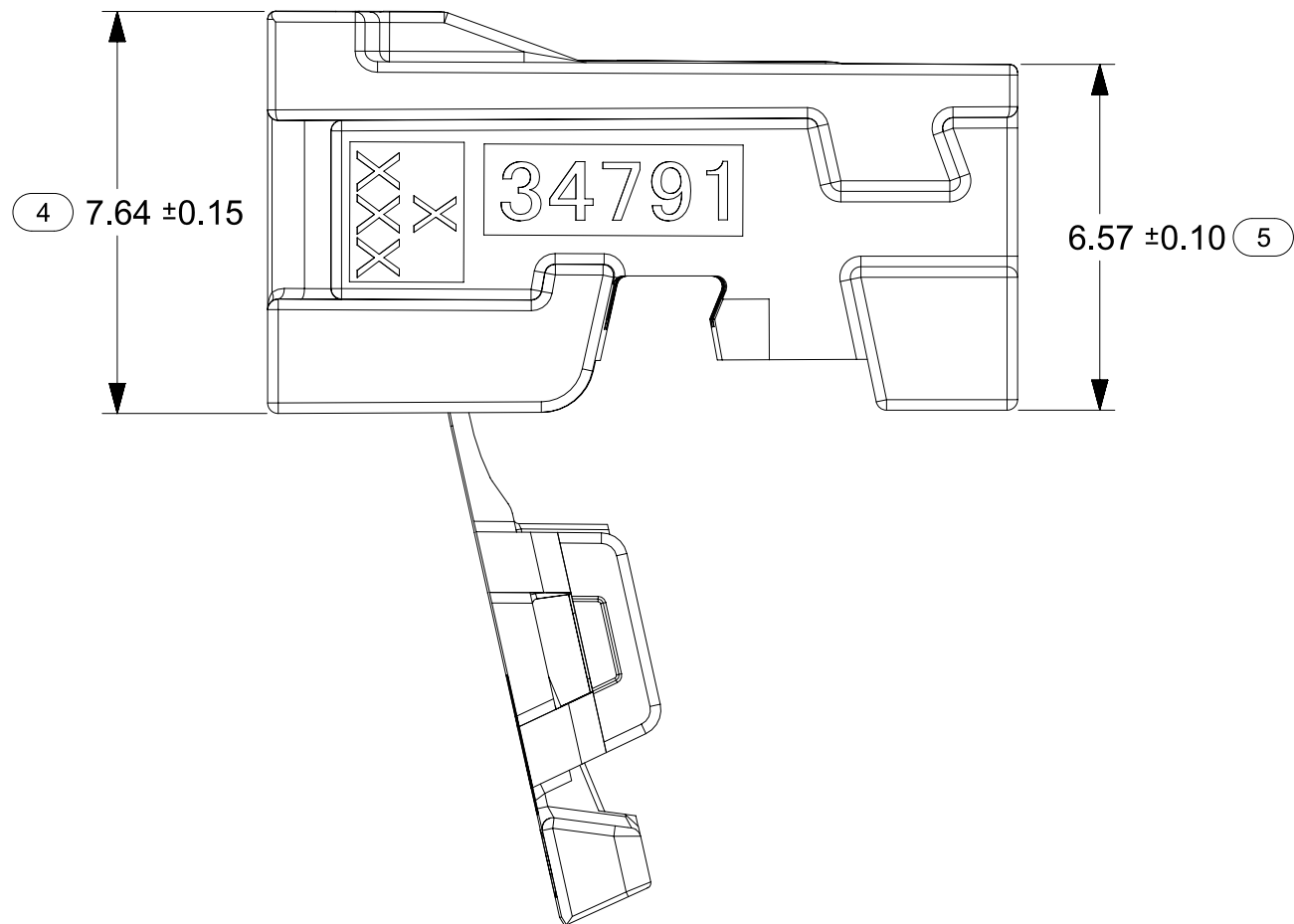
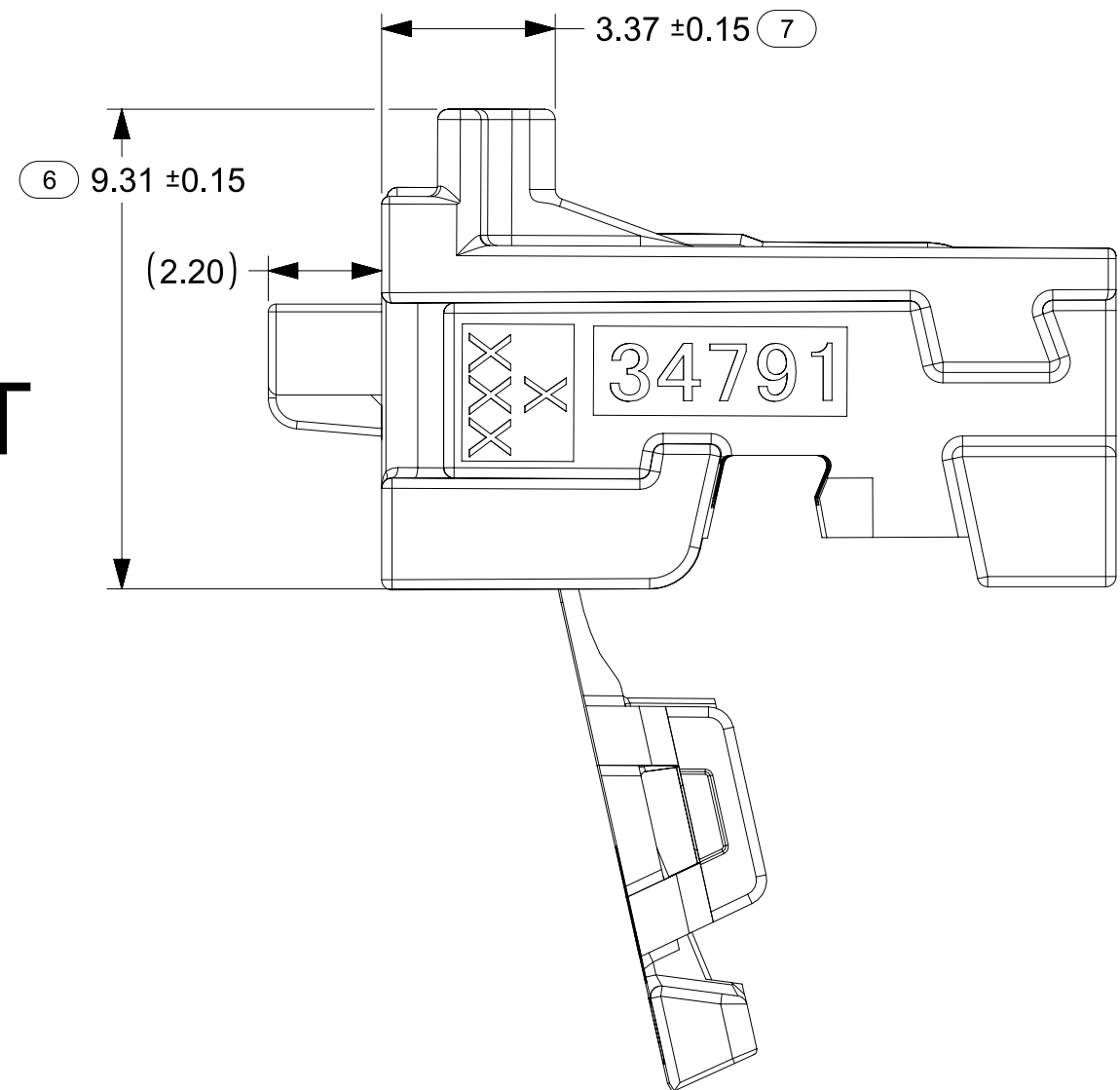
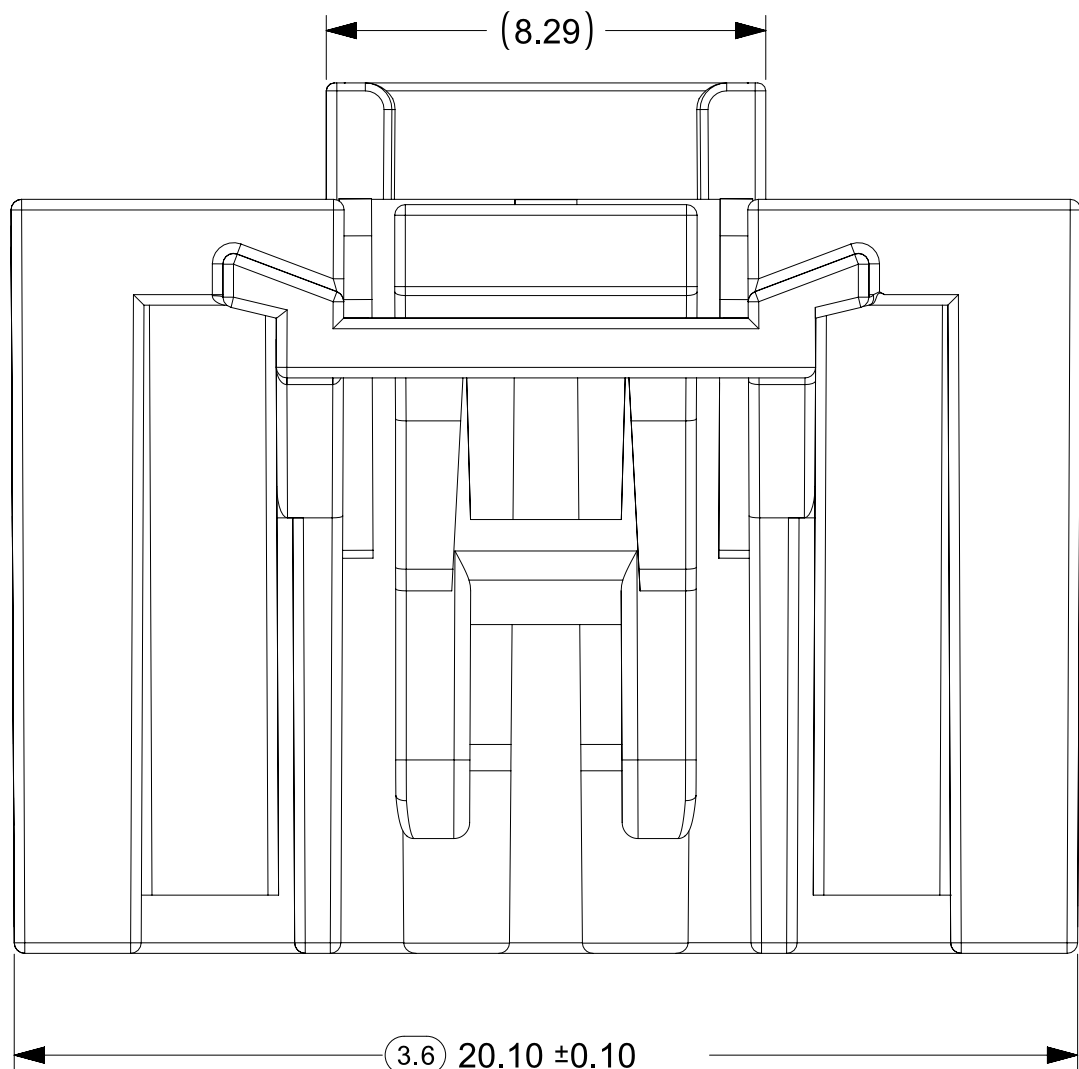
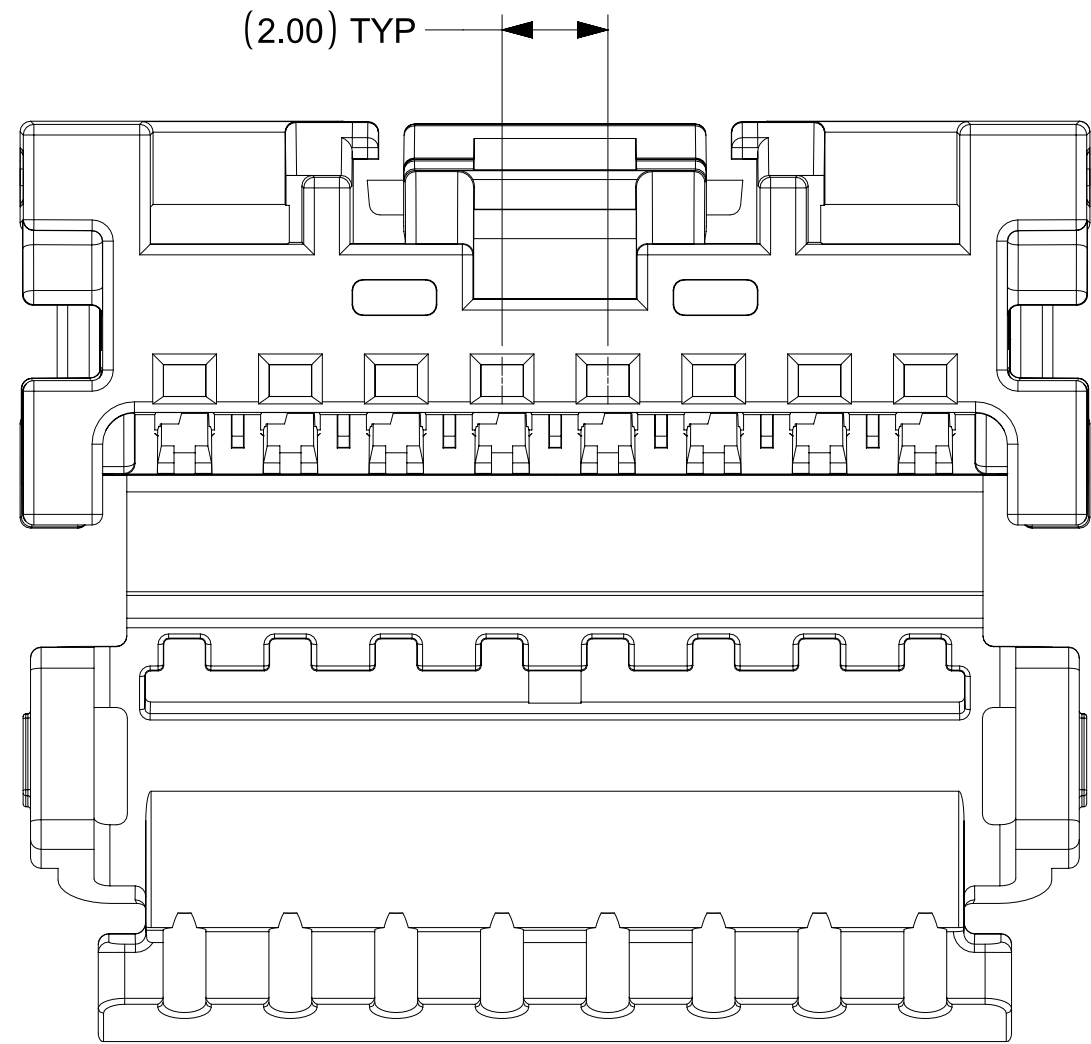
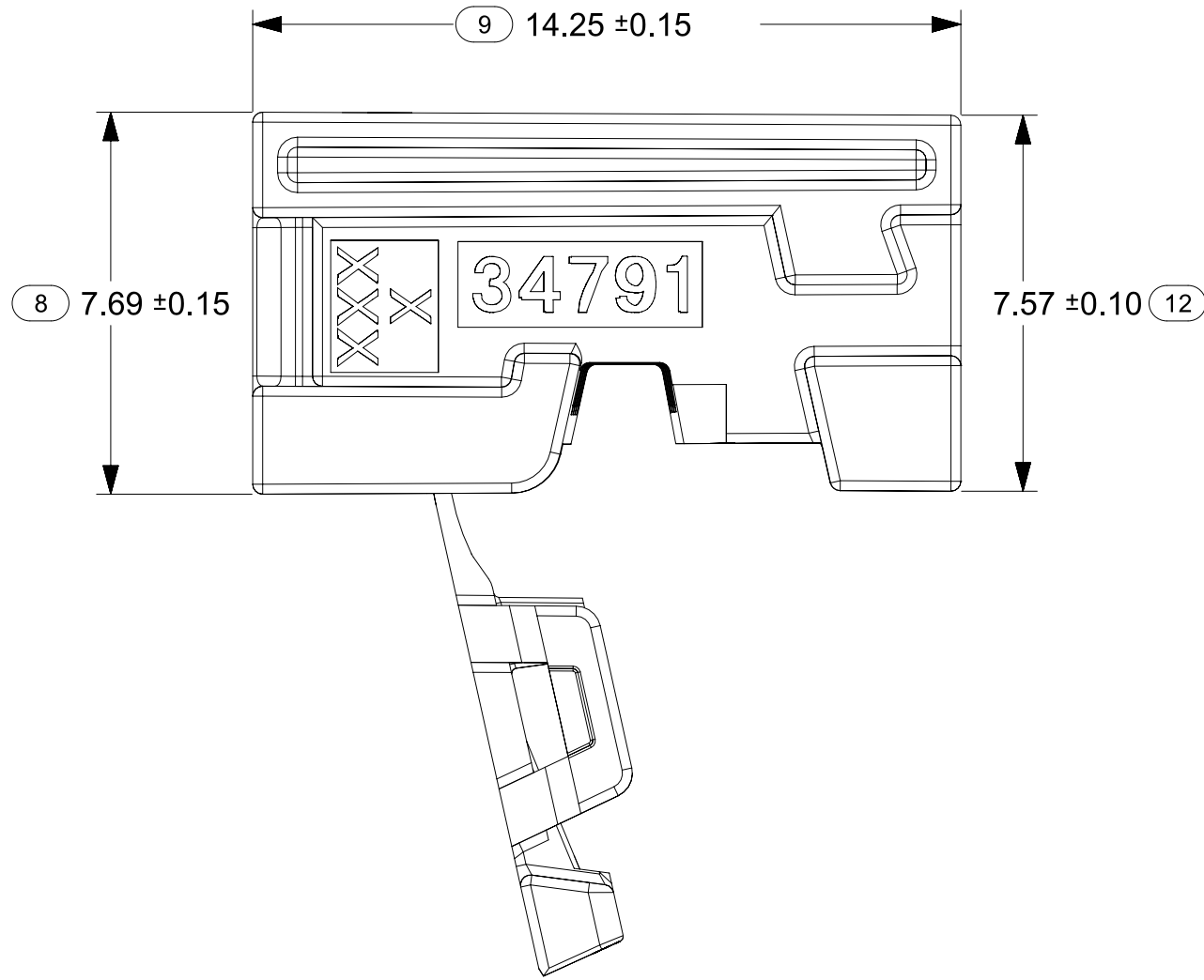
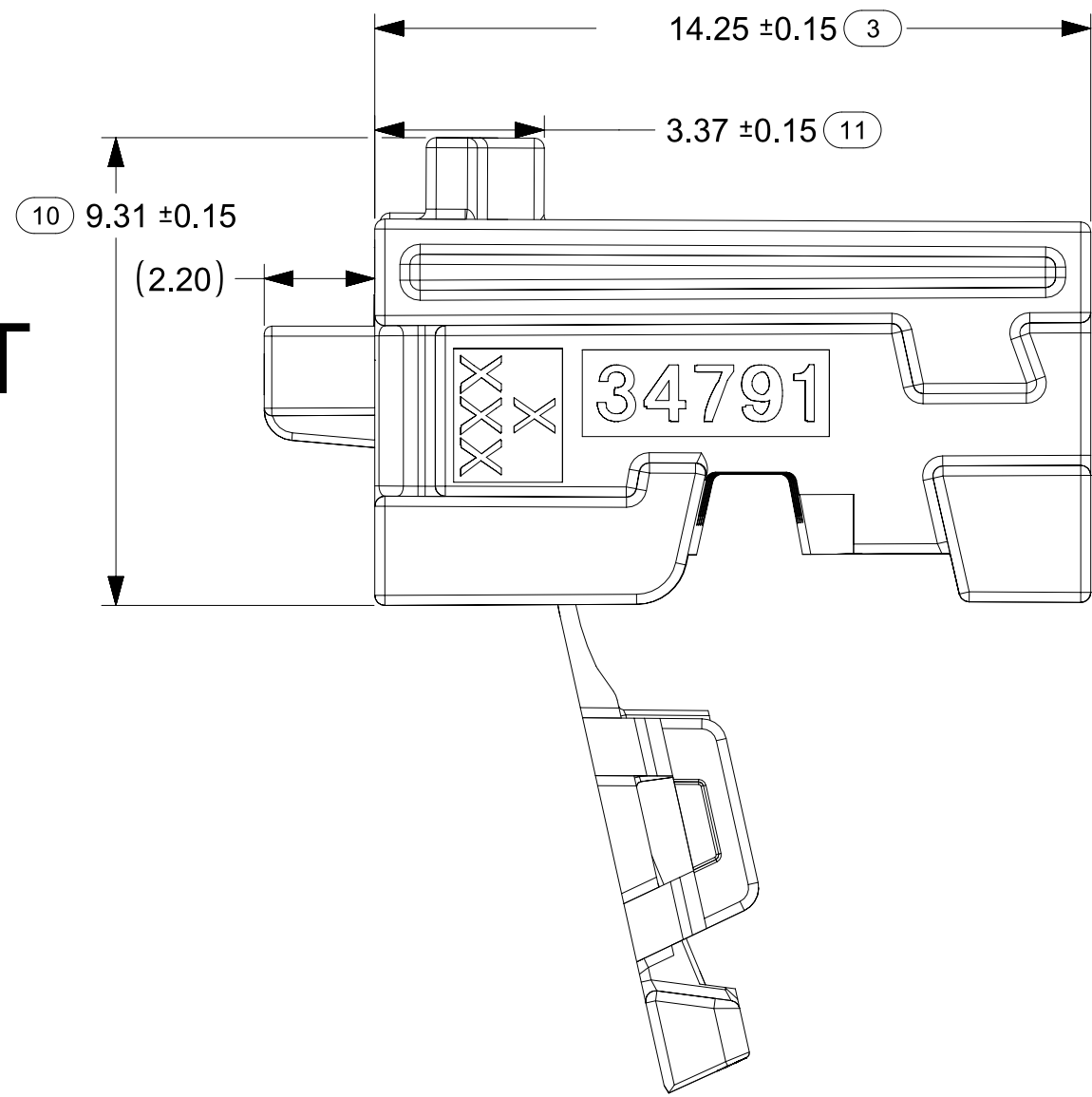
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex							
	MM	5:1													
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				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

NOTE: KEY A SHOWN AS REFERENCE



FUNCTIONAL SYMBOLS F A = 0 F C = 0 F P = 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			
	MM		7:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)													
	ANGULAR TOL ± 0.5°													
	4 PLACES		±											
	3 PLACES		±		STATUS: Production DRWN: Yann Chen 2023-10-20 CHK'D: Gang Li 2023-10-25 APPR: Colin Zhang 2023-10-30						PRODUCT SALES DRAWING DOCUMENT NUMBER SD-34791-001 DOC TYPE PSD DOC PART 000 REVISION L8			
	2 PLACES		±											
	1 PLACE		±											
	0 PLACES		±											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING										
				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

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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			DRWN: Yann Chen			2023-10-20			DOCUMENT NUMBER		
CHK'D: Gang Li			2023-10-25			2023-10-30			DOC TYPE			
APPR: Colin Zhang									DOC PART			
									REVISION			