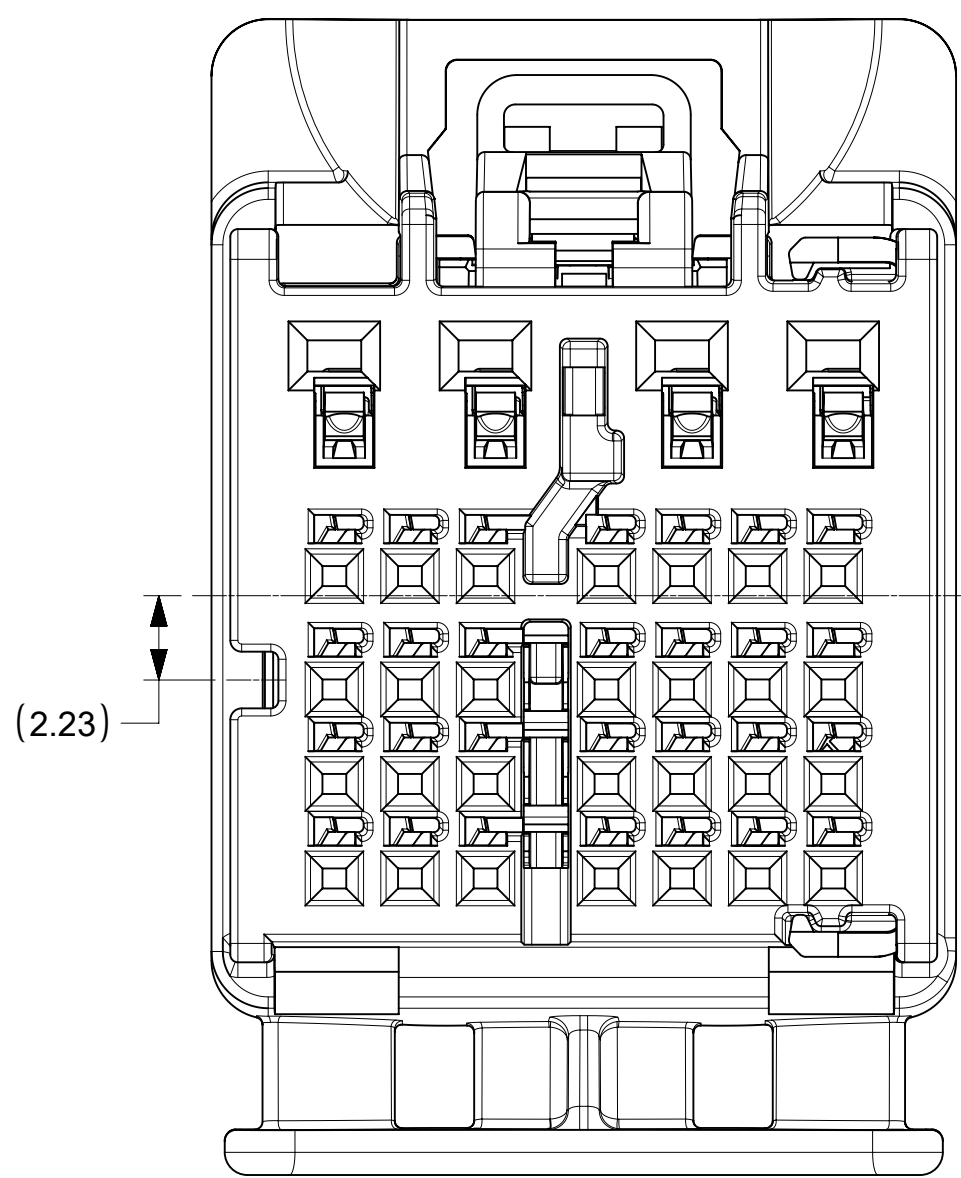
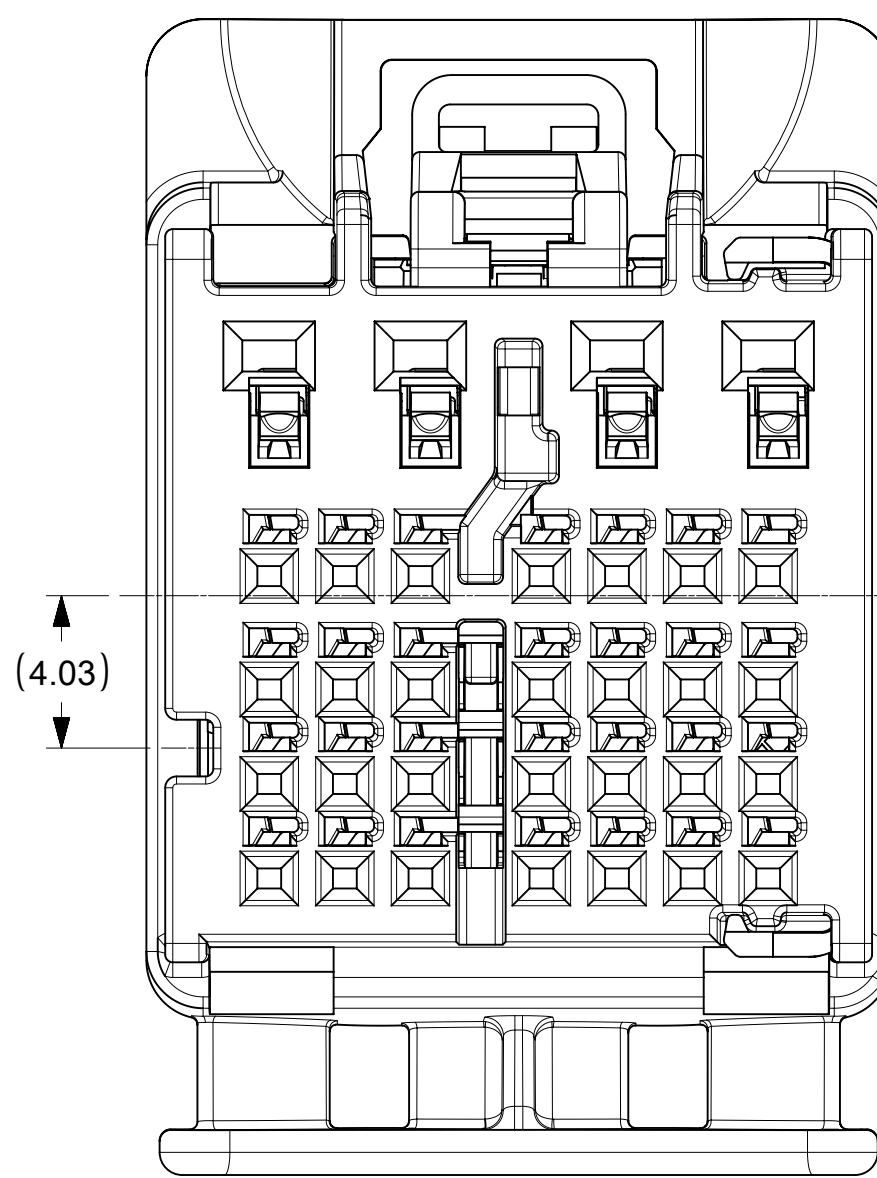


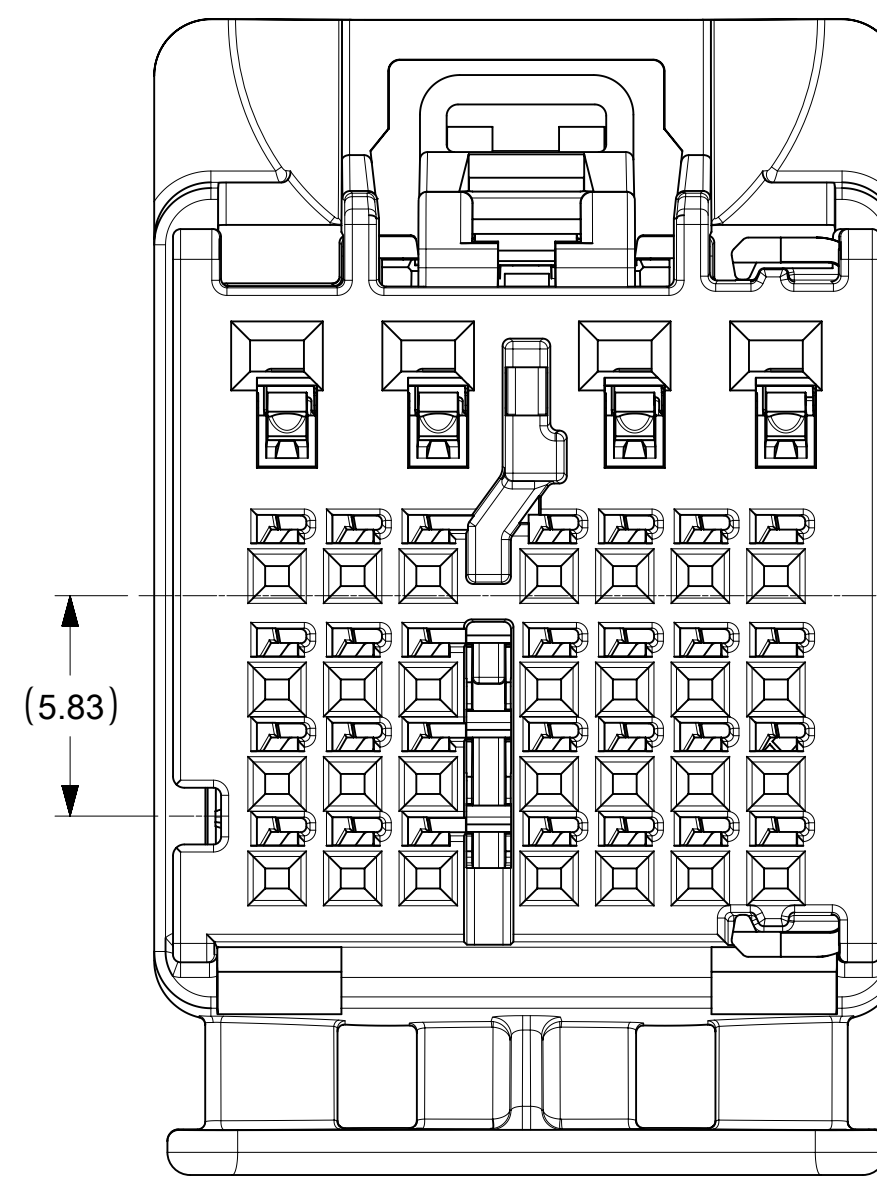
32 WAY CONNECTOR ASSEMBLY
KEY 1 & KEY 5



32 WAY CONNECTOR ASSEMBLY
KEY 2 & KEY 6



32 WAY CONNECTOR ASSEMBLY
KEY 3 & KEY 7



32 WAY CONNECTOR ASSEMBLY
KEY 4 & KEY 8

NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:
a. APPLICATION SPECIFICATION SEE: AS-160014-001
b. PRODUCT SPECIFICATION SEE: PS-160014-001
c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31302-266
d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

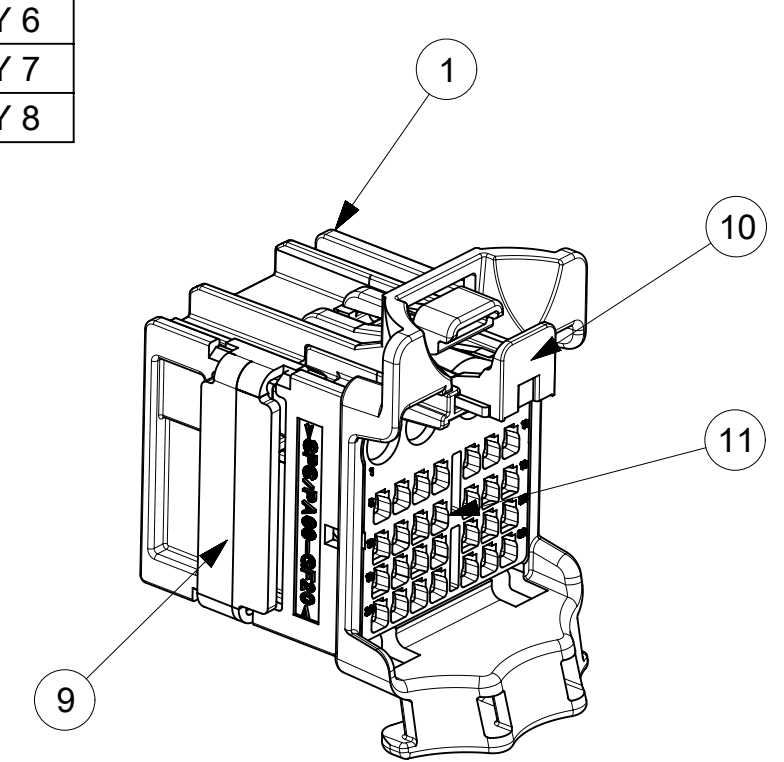
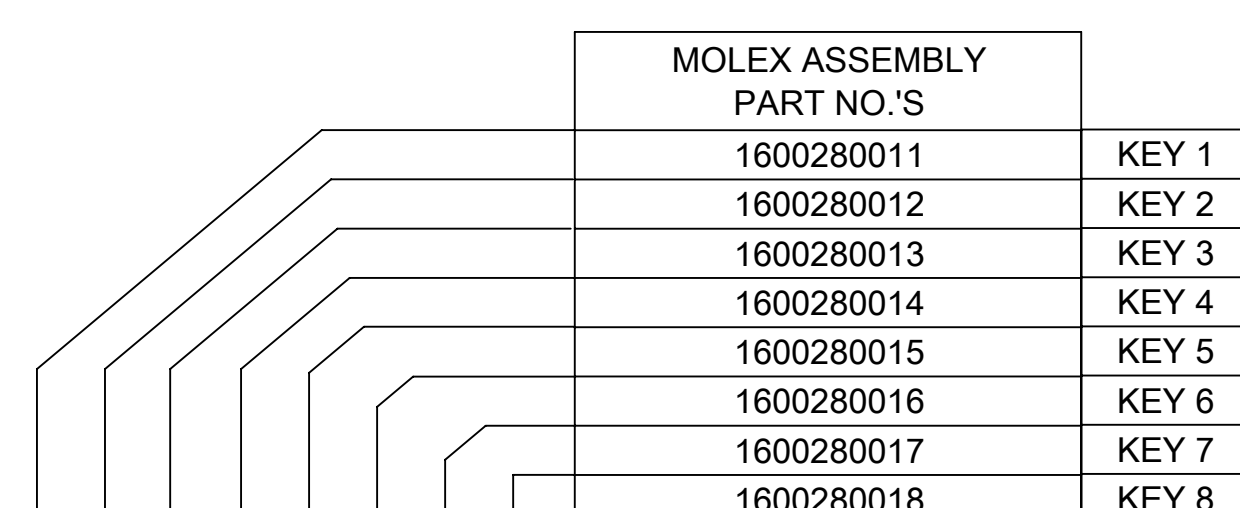
2. DESIGN - MATERIALS:
a. SEE BOM TABLE

3. DESIGN - GEOMETRY:
a. ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
b. PRODUCT DESIGN MODEL NUMBER(S): SEE BOM TABLE
c. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009
d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
e. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
f. MARKED TEXT TO INCLUDE RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION AND CUSTOMER MATERIAL NUMBER.
1. LASER ETCHED DATE CODE
1ST THROUGH 2ND DIGIT = CALENDAR YEAR
3RD THROUGH 5TH DIGIT = "DAY #" OF YEAR
6TH THROUGH 7TH DIGIT = HOUR OF DAY
8TH THROUGH 9TH DIGIT = MINUTE OF HOUR
10TH THROUGH 11TH DIGIT = SECOND OF MINUTE

4. DESIGN - MANUFACTURING:
a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)

PART NUMBER	PLATING	SUPPLIER	WIRE GAGE (mm2)	TERMINAL FAMILY	WIRE SPECIFICATION
200096-0101	TIN PLATING	MOLEX	0.35	TAK FAMILY (0.5 mm)	VW 60306 OR GMW 15626 (SEE APPLICATION SPECIFICATION FOR MORE DETAILS)
200096-0201	TIN PLATING	MOLEX	0.13	TAK FAMILY (0.5 mm)	
2272196-2	TIN PLATING	TE	0.35	Generation 50 Locking Lance (0.5mm)	SAE/ J1128 THIN WALL INSULATION
2272196-1	TIN PLATING	TE	0.13	Generation 50 Locking Lance (0.5mm)	
13881789	TIN PLATING	DELPHI	0.35 - 0.5	TAXI TERM OCS 1.2	
13881788	TIN PLATING	DELPHI	0.75 - 0.8		
15542382	TIN PLATING	DELPHI	0.8 - 1.0		
15542380	TIN PLATING	DELPHI	1.25 - 1.5		
SMSA-A031T-M1.2	TIN PLATING	JST	0.5 - 0.75	MSA 1.2mm TERMINAL	GMW 15626 INSULATION TYPE FLR (REGULAR THIN WALL)
SMSA-A041T-M1.2	TIN PLATING	JST	1.0 - 1.5	MSA 1.2mm TERMINAL	

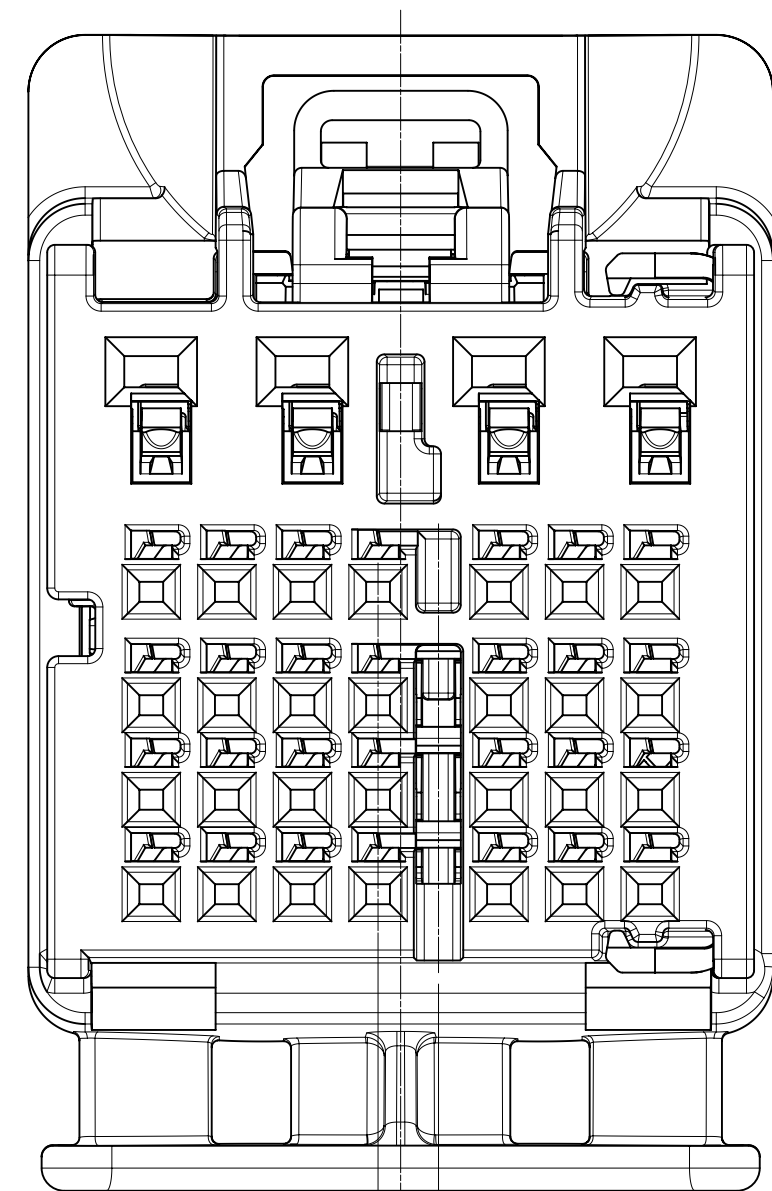
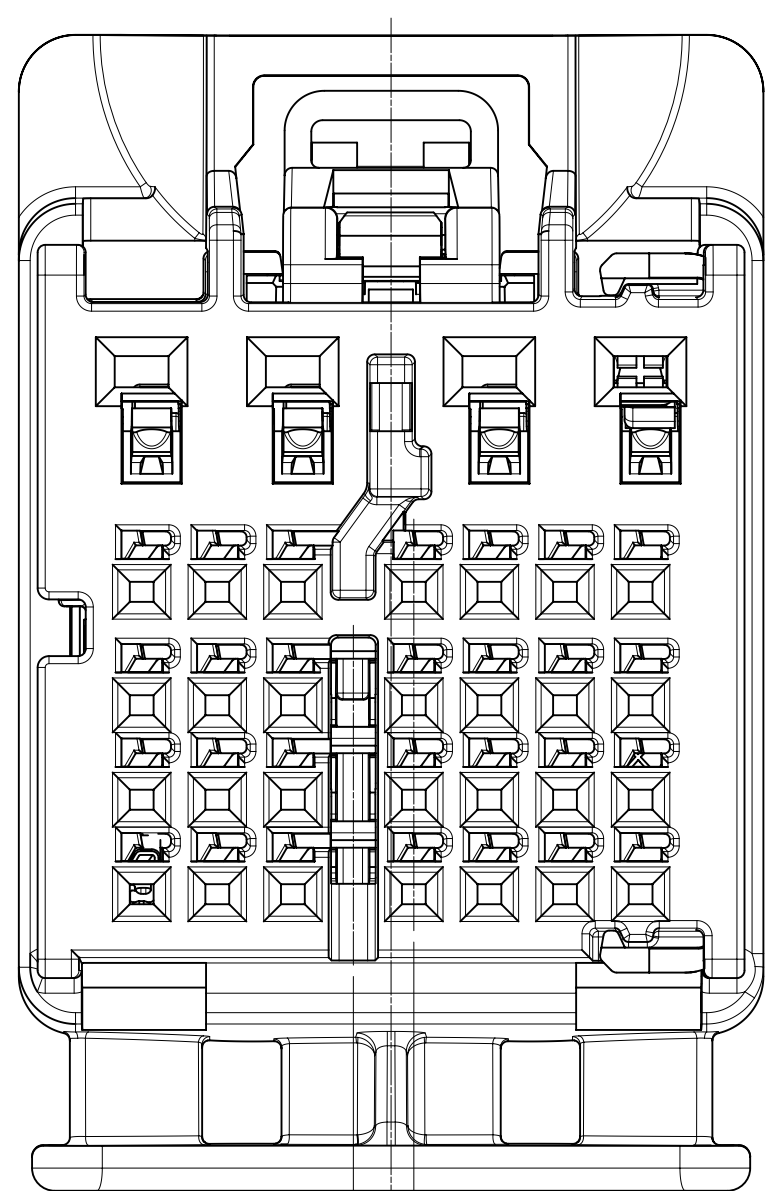
ITEM	DESCRIPTION	COLOR	RECYCLING CODE	WEIGHT (GRAMS)	RIB OPTION	NO OF ITEMS REQUIRED														
1	OUTER SHROUD - KEY 1	BLACK	SPS/PA66-GF20	3.2	A	1														
2	OUTER SHROUD - KEY 2	BLUE	SPS/PA66-GF20	3.2	A		1													
3	OUTER SHROUD - KEY 3	DARK GRAY	SPS/PA66-GF20	3.2	A			1												
4	OUTER SHROUD - KEY 4	PURPLE C	SPS/PA66-GF20	3.2	A				1											
5	OUTER SHROUD - KEY 5	PINK B	SPS/PA66-GF20	3.2	B					1										
6	OUTER SHROUD - KEY 6	TBD	SPS/PA66-GF20	3.2	B						1									
7	OUTER SHROUD - KEY 7	LIGHT BROWN	SPS/PA66-GF20	3.2	B							1								
8	OUTER SHROUD - KEY 8	TBD	SPS/PA66-GF20	3.2	B								1							
9	ISL	NATURAL	SPS-GF30	0.37	N/A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	CPA	NATURAL	PA66-GF50	0.08	N/A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	INNER HOUSING	STONE GRAY	SPS/PA66-GF20	1.75	N/A	1	1	1	1											
12	INNER HOUSING	STONE GRAY	SPS/PA66-GF20	1.75	N/A					1	1	1	1							



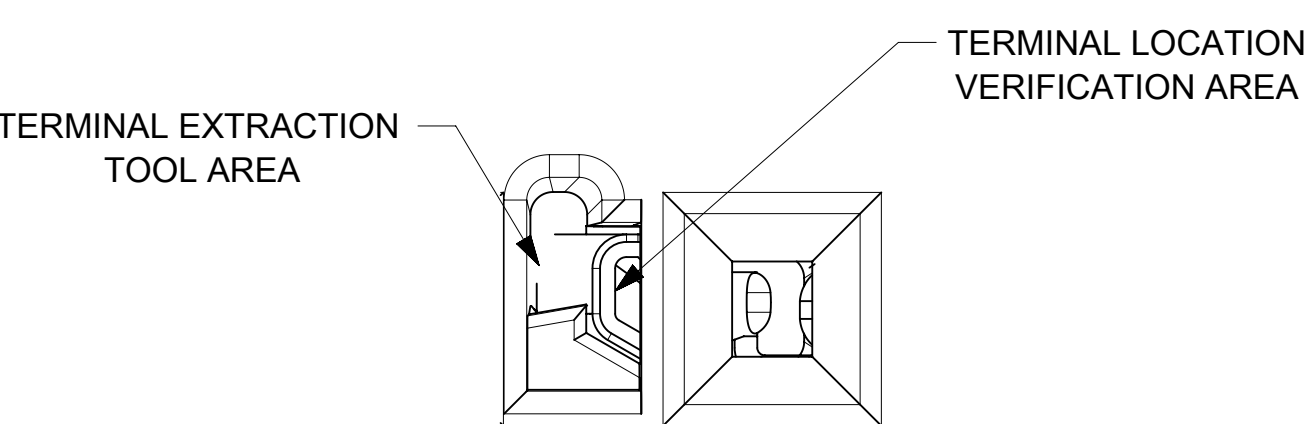
SCALE 2:1

RIB OPTION A

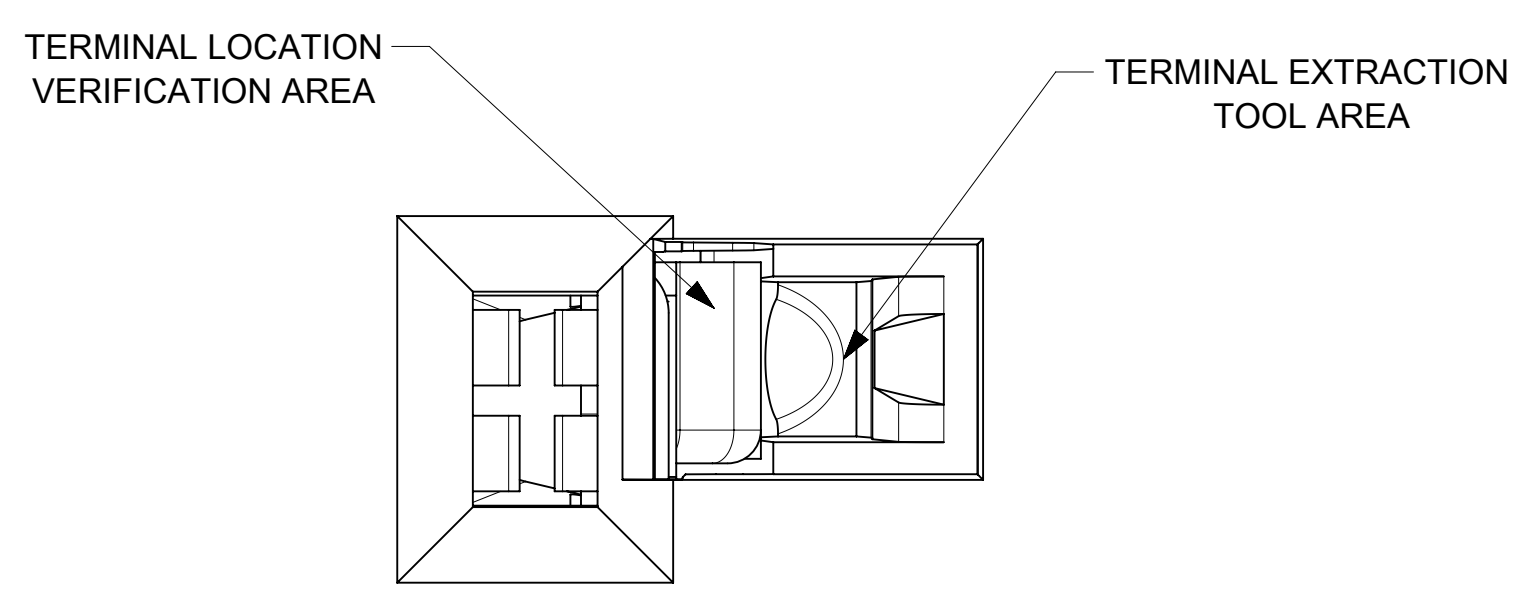
RIB OPTION B



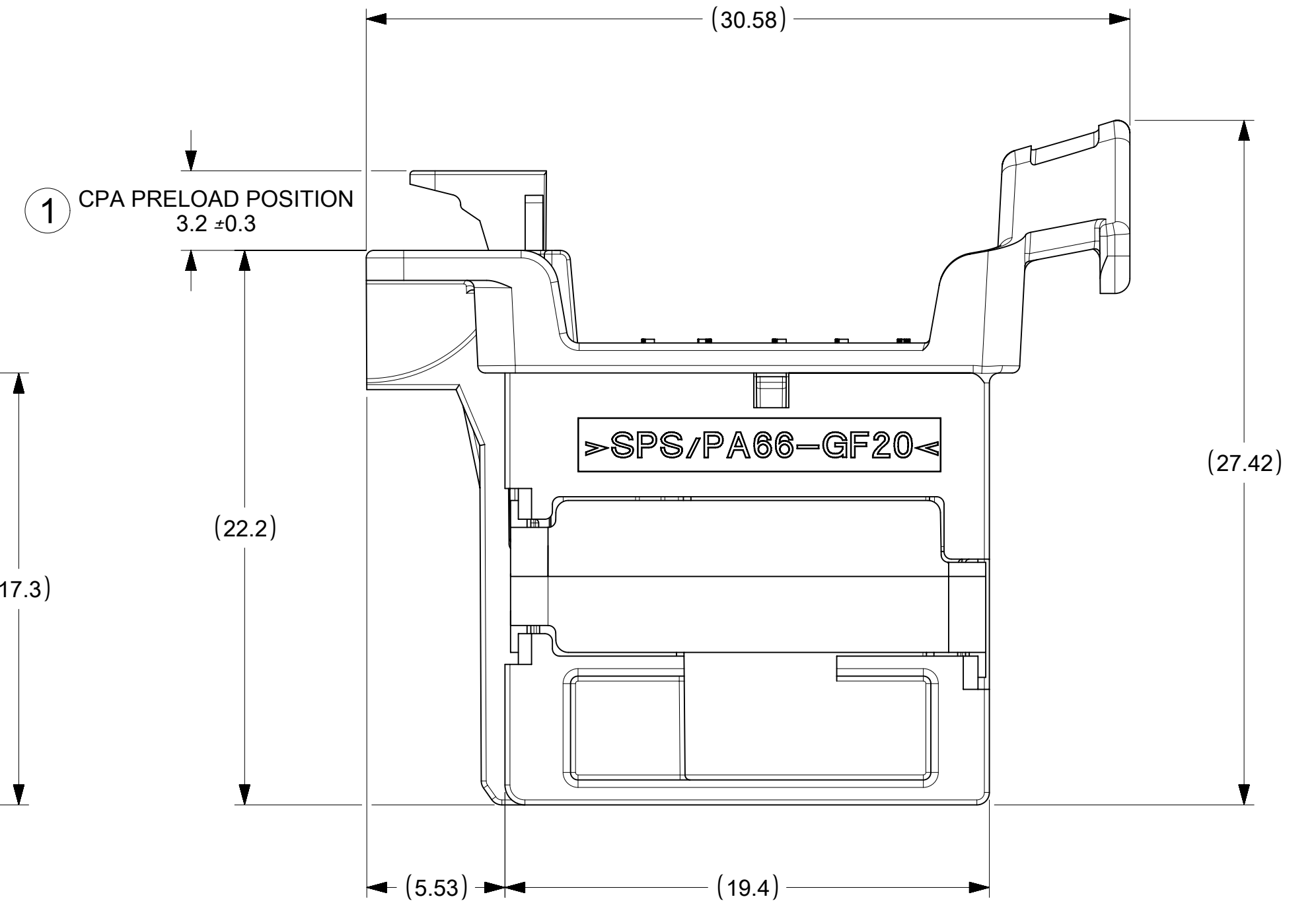
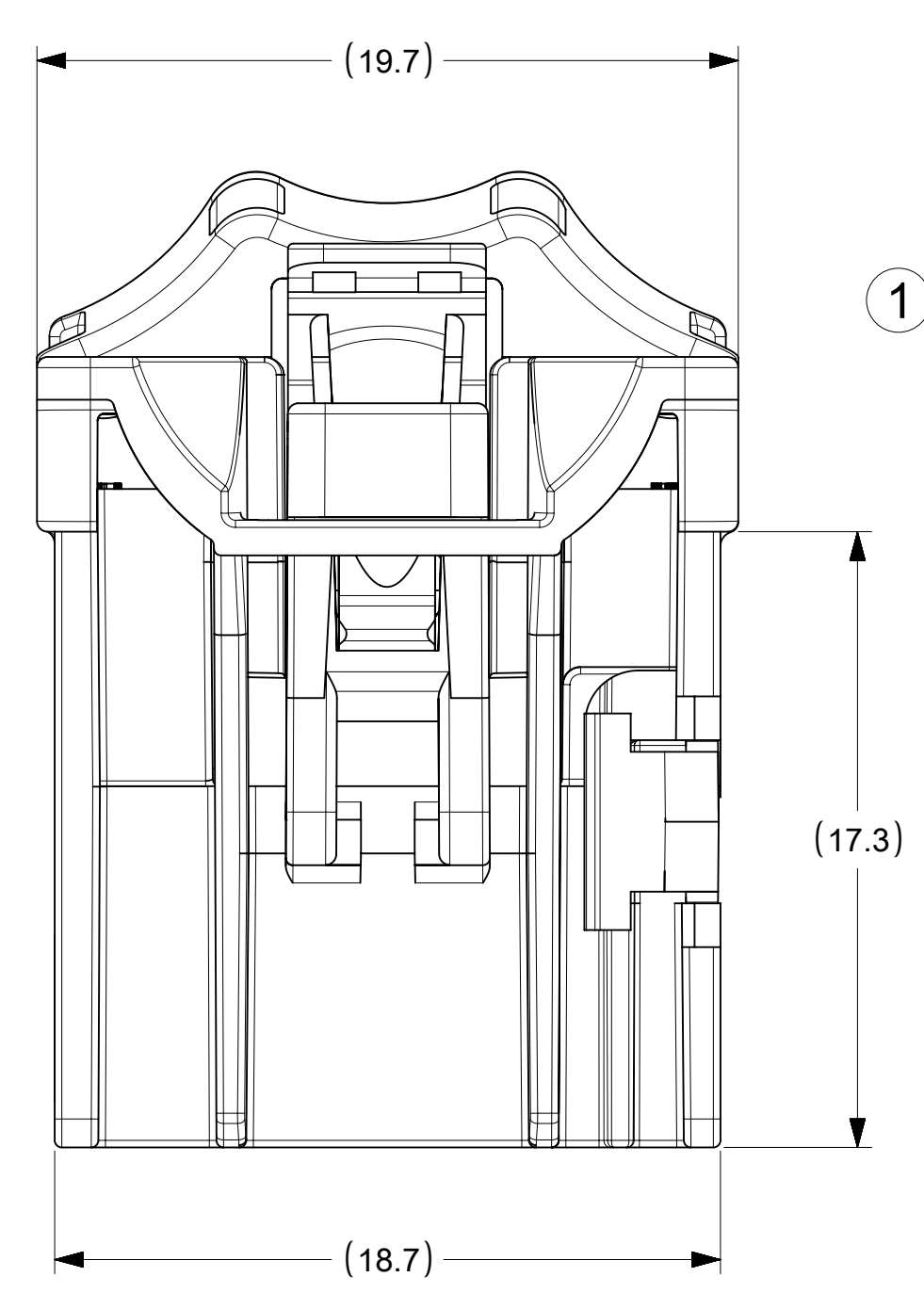
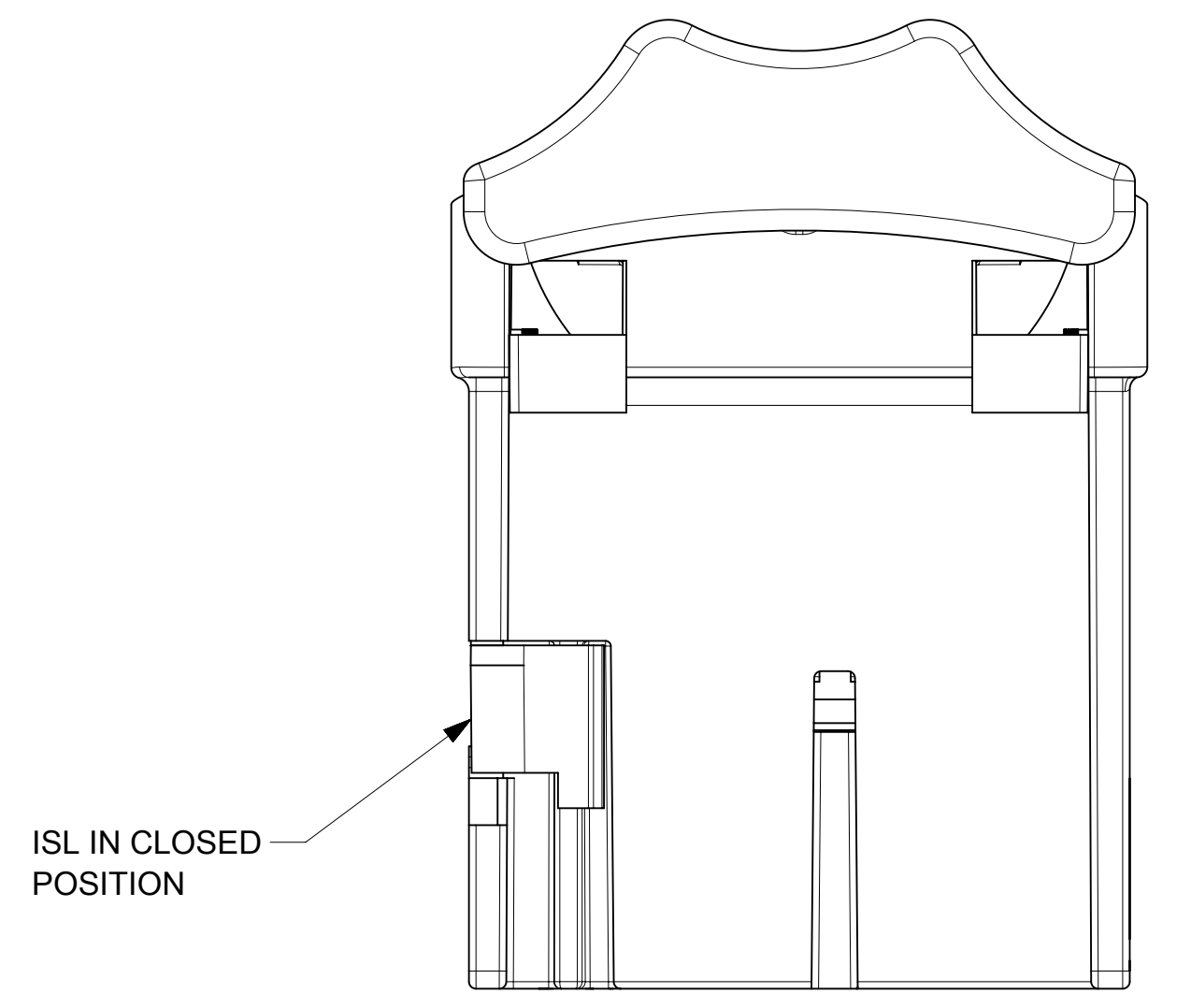
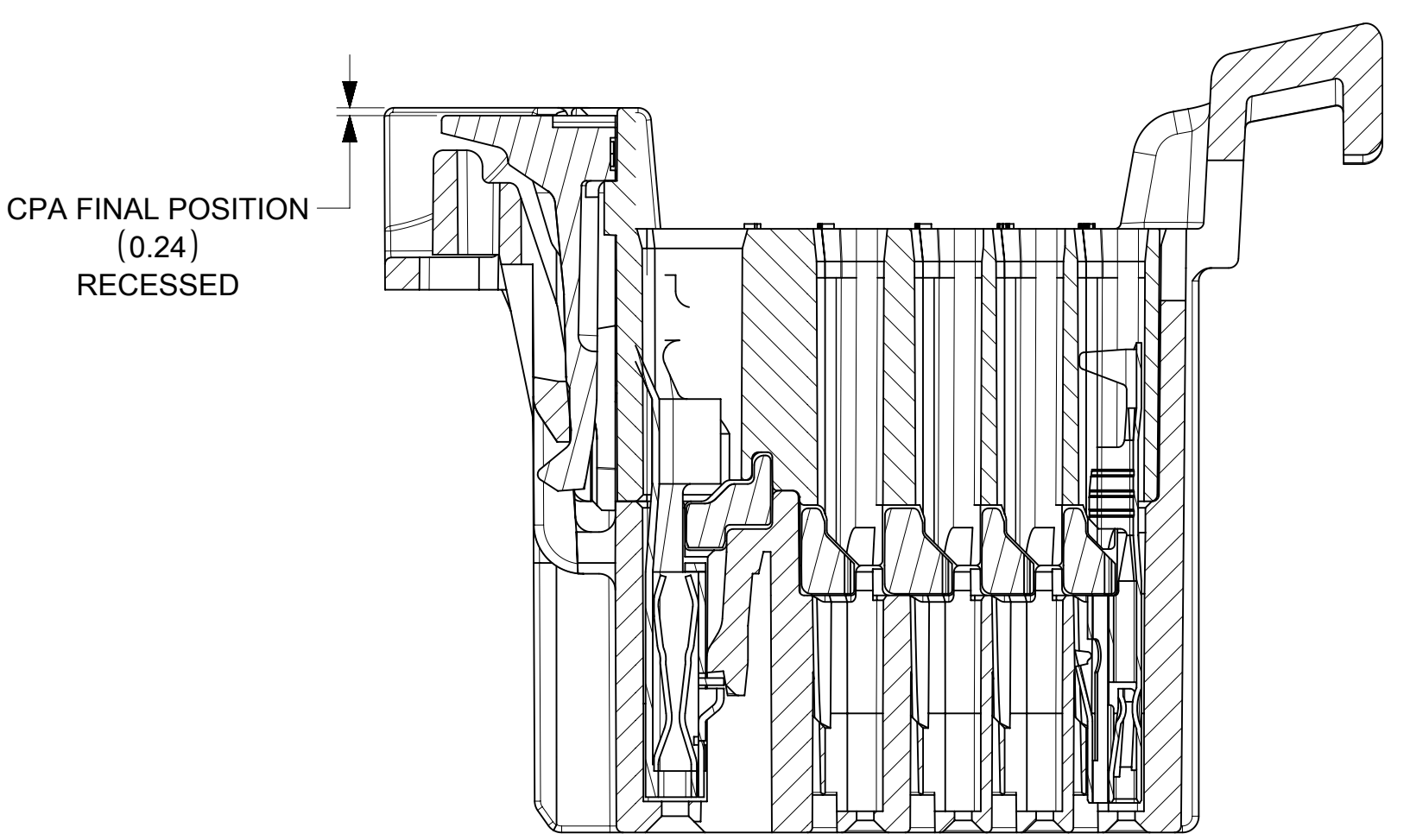
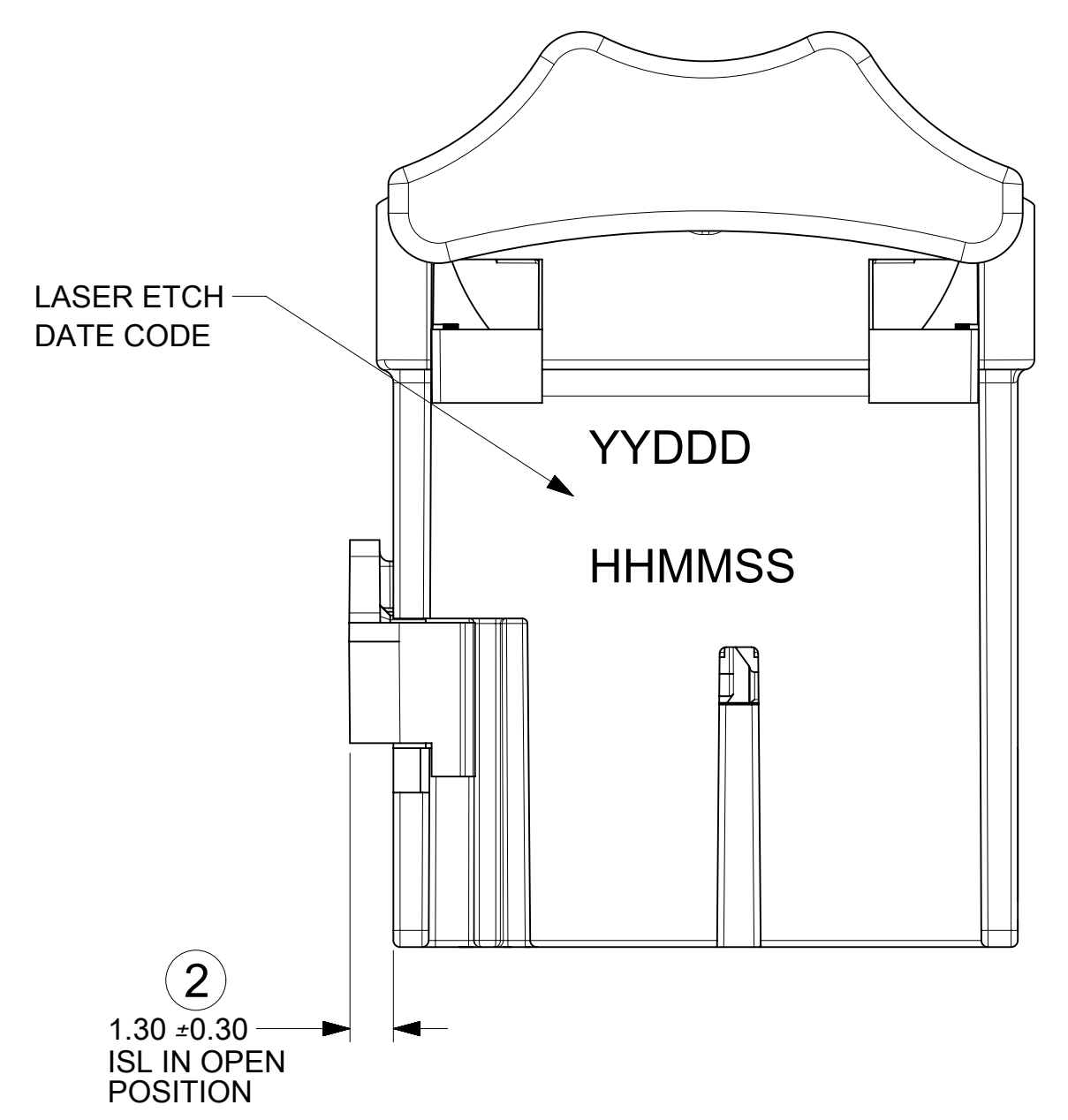
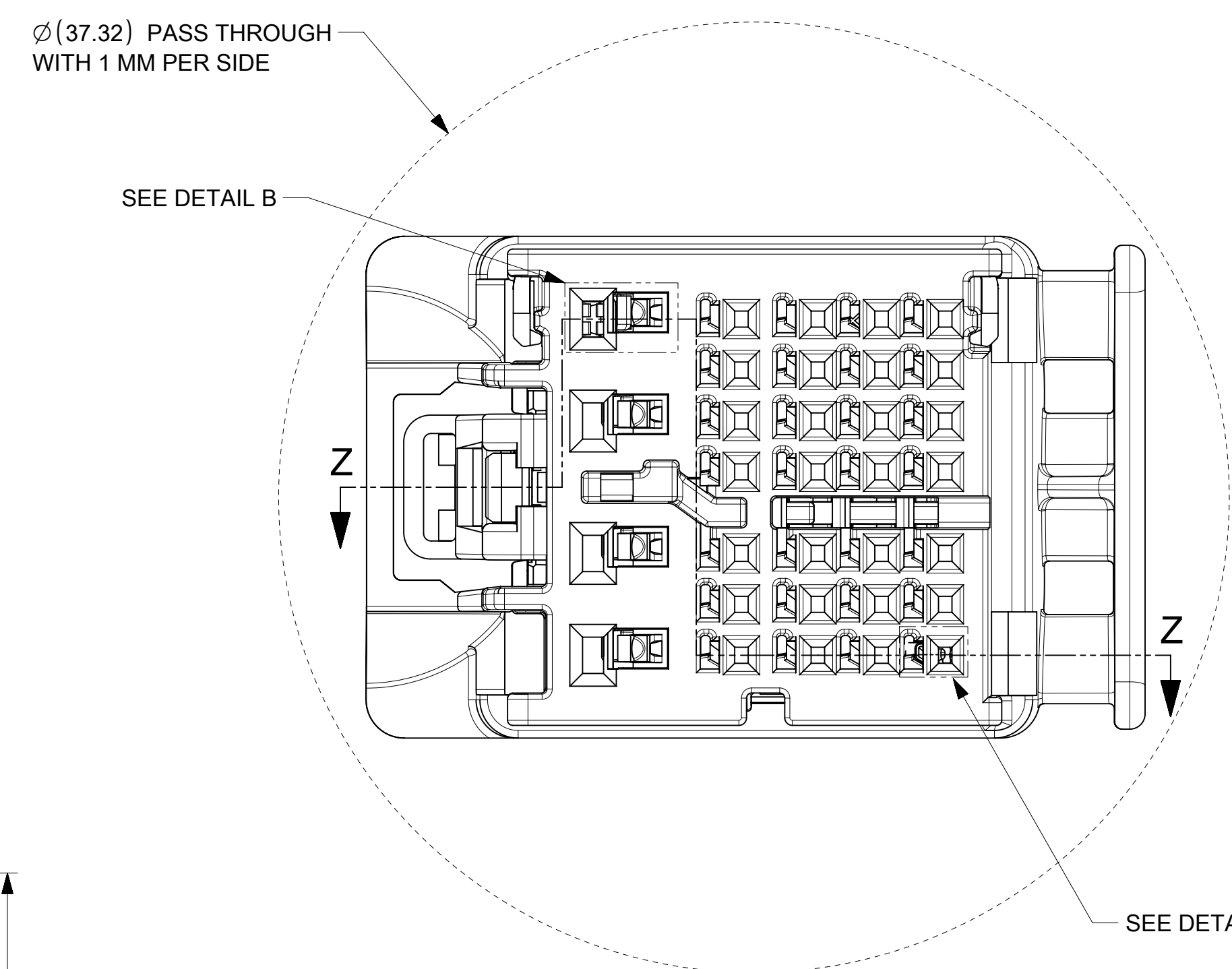
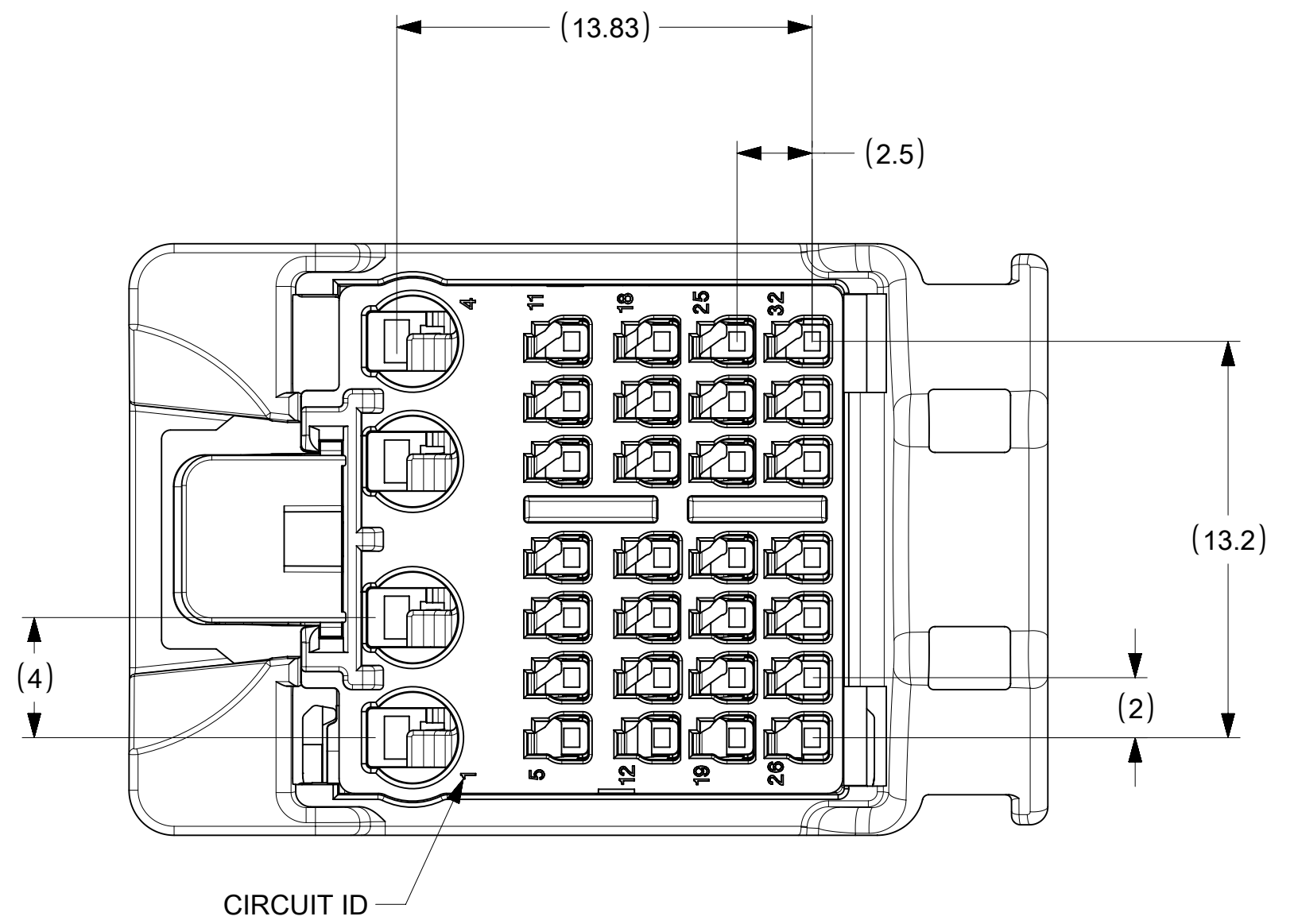
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE		CURRENT REV DESC:	molex
	DIMENSION UNITS	mm	5:1		
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	EC NO: 613462		DRWN: RCARLSON	2019/03/08
▽ = 0	ANGULAR TOL ± 3.0°	DRWN: RCARLSON		CHK'D: JCONDON	2019/03/08
▽ = 0	4 PLACES ±	DRWN: RCARLSON		APPR: JCONDON	2019/03/08
▽ = 0	3 PLACES ±	INITIAL REVISION:		PRODUCT CUSTOMER DRAWING	
▽ = 0	2 PLACES ± 0.3	DRWN: RCARLSON		DOCUMENT NUMBER	
▽ = 0	1 PLACE ± 0.3	APPR: JCONDON		1600280011	
▽ = 0	0 PLACES ± 0.3	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DOC TYPE DOC PART REVISION	
☒ = 0	THIRD ANGLE PROJECTION	DRAWING		PSD 000 A2	
☒ = 0	D-DRAWING	SERIES		160028	
☒ = 0		MATERIAL NUMBER		SEE CHART	
		CUSTOMER		GENERAL MARKET	
		SHEET NUMBER		1 OF 2	



DETAIL A
SCALE 20:1



DETAIL B
SCALE 20:1



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		
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▽ = 0	ANGULAR TOL	± 3.0°	EC NO: 613462	
▽ = 0	4 PLACES	±	DRWN: RCARLSON	2019/03/08
▽ = 0	3 PLACES	±	CHK'D: JCONDON	2019/03/08
▽ = 0	2 PLACES	± 0.3	APPR: JCONDON	2019/03/08
▽ = 0	1 PLACE	± 0.3	INITIAL REVISION:	
▽ = 0	0 PLACES	± 0.3	DRWN: RCARLSON	2019/02/15
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: JCONDON	2019/02/25
⊕	THIRD ANGLE PROJECTION	DRAWING	SERIES	
		D-SIZE	160028	
DOCUMENT STATUS		P1	RELEASE DATE	2019/03/08 20:49:07
DOCUMENT NUMBER		1600280011	DOC TYPE	PSD
DOC PART		000	REVISION	A2
MATERIAL NUMBER		SEE SHEET 1	CUSTOMER	GENERAL MARKET
SHEET NUMBER		2 OF 2		