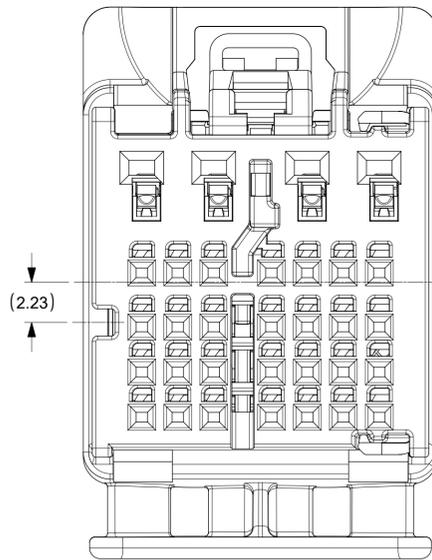
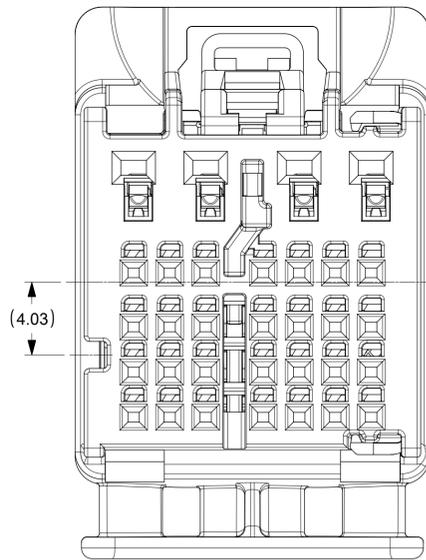


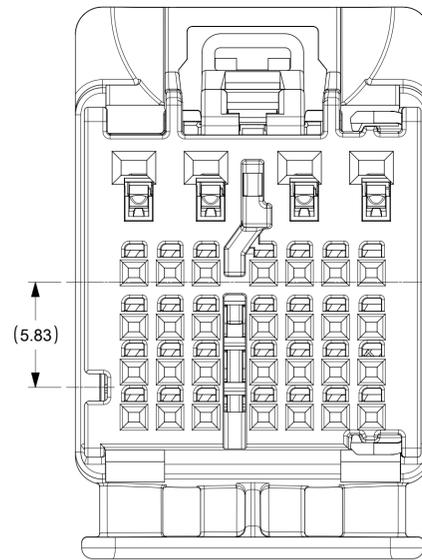
32WAY CONNECTOR ASSEMBLY
KEY 1 & KEY 5



32WAY CONNECTOR ASSEMBLY
KEY 2 & KEY 6



32WAY CONNECTOR ASSEMBLY
KEY 3 & KEY 7



32WAY 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 Y14.5M-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:

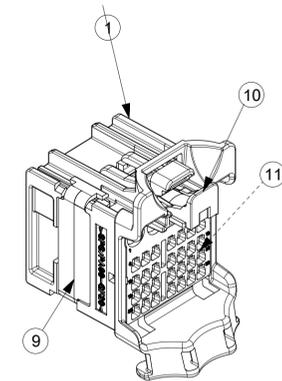
- a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)

PART NUMBER	PLATING	SUPPLIER	WIRE GAGE (mm ²)	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			0.13			
2272196-2		TE	0.35	Generation 50 Locking Lance (0.5mm)	SAE/ J1128 THIN WALL INSULATION	
2272196-1			0.13			
35072403		DELPHI	0.35 - 0.5	TAXI TERM OCS 1.2	GMW 15626 INSULATION TYPE FLR (REGULAR THIN WALL)	
35072405						0.8 - 1.0
35072406						1.25 - 1.5
35072404						0.75 - 0.8
SMSA-A031T-M1.2		JST	0.5 - 0.75	MSA 1.2mm TERMINAL		
SMSA-A041T-M1.2						1.0 - 1.5

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
10	CPA	NATURAL	PA66-GF50	0.08	N/A	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					

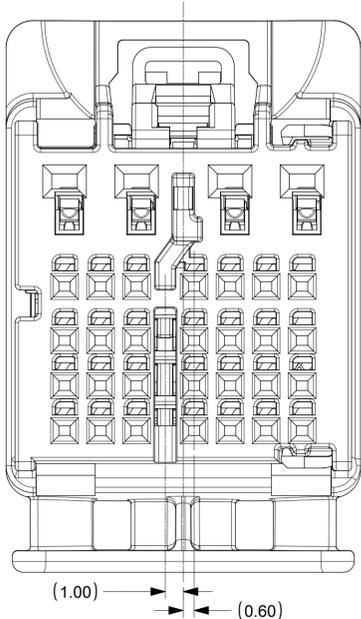
MOLEX ASSEMBLY PART NO.'S	
1600280001	KEY 1
1600280002	KEY 2
1600280003	KEY 3
1600280004	KEY 4
1600280005	KEY 5
1600280006	KEY 6
1600280007	KEY 7
1600280008	KEY 8

B1	UPDATED WIRE GAGE RANGE OF 1.20MM TERMINAL HTGUO 02/20/2019
B	ADD TAK50 TERMINAL OPTS JCONDON 09/11/2017
A1	NX RE-MASTERING SAP # 10816434
A	UAU2016-0946 SAP # 10778144 JCONDON 05/25/2016
4	UAU2015-1899 SAP # 10698159 JCONDON 06/17/2015
3	UAU2015-1302 SAP # 10694008 JCONDON 05/29/2015
2	UAU2015-1606 SAP # 10685685 JCONDON 04/23/2015
1	UAU2014-1923 SAP # XXXXXXXX CROWDEN 12/05/2013

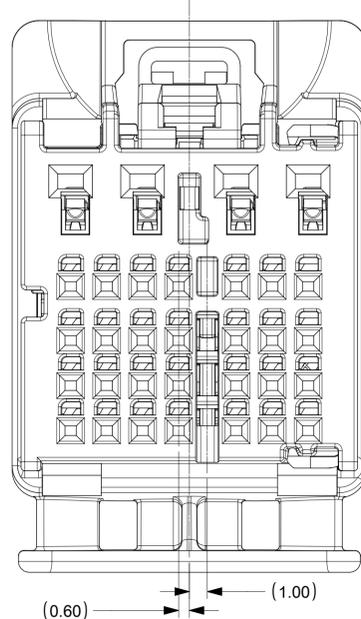


SCALE 2:1

RIB OPTION A

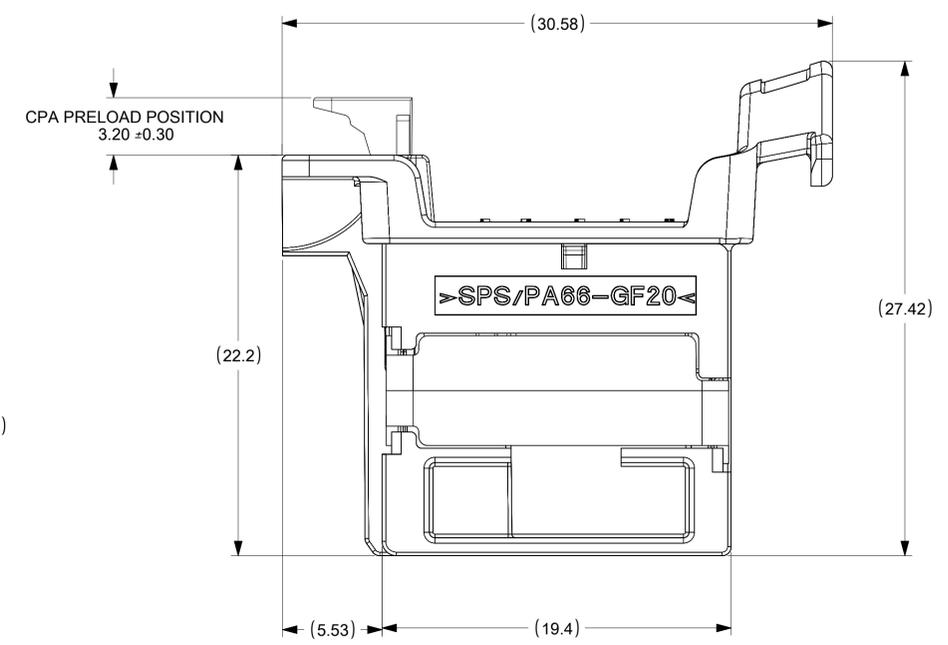
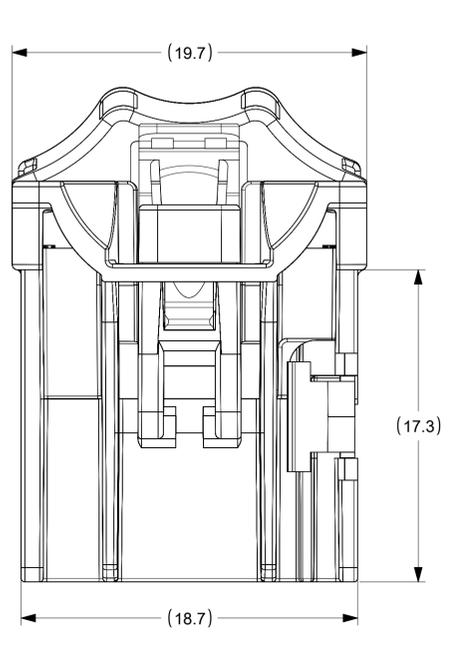
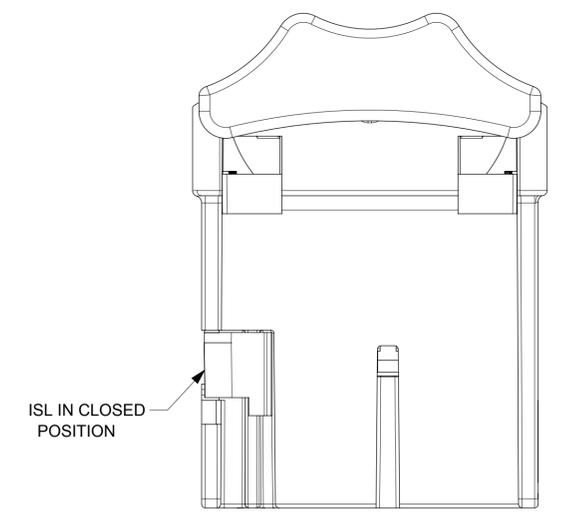
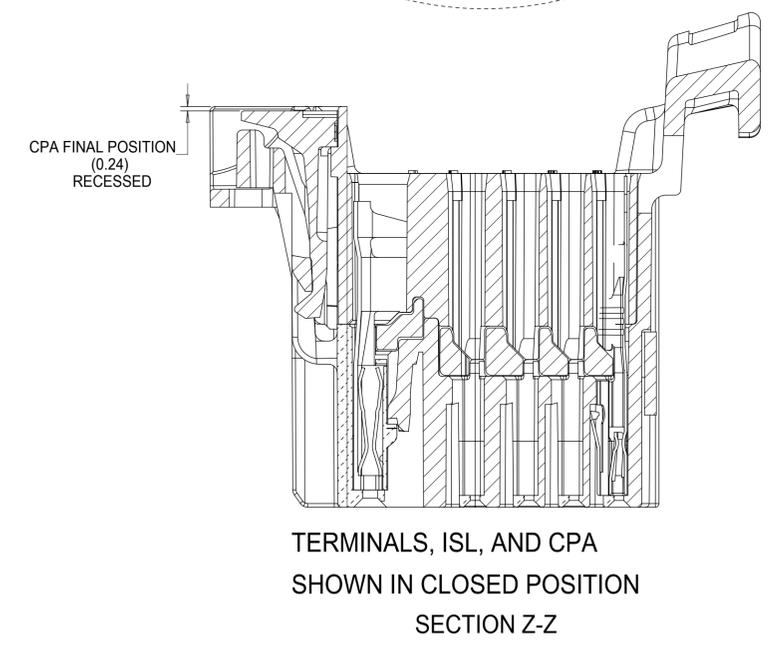
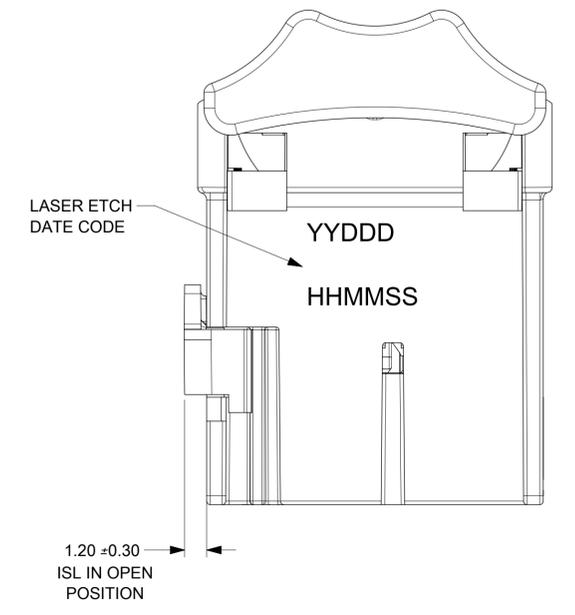
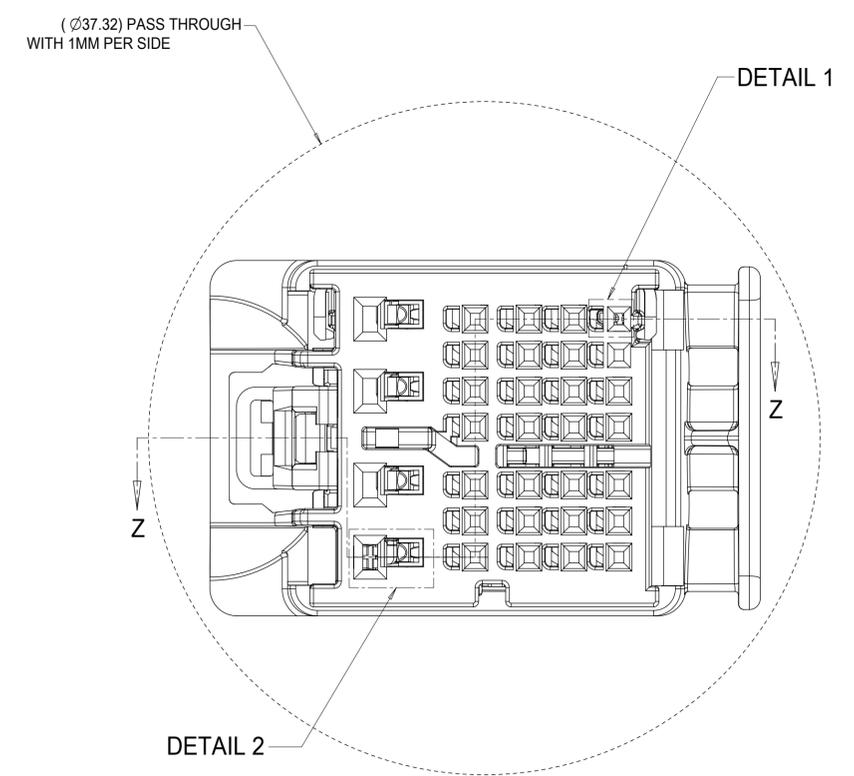
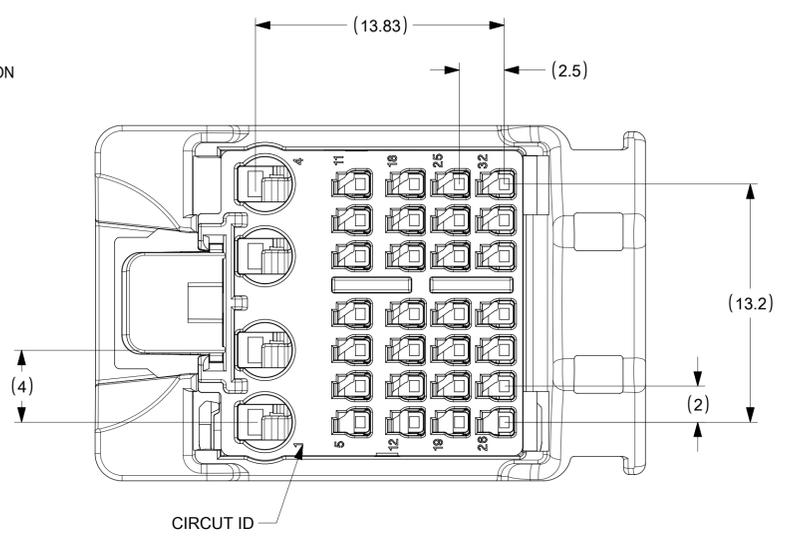
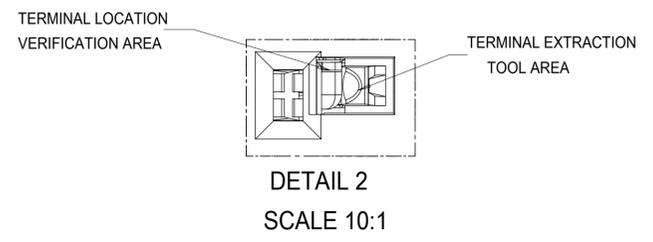
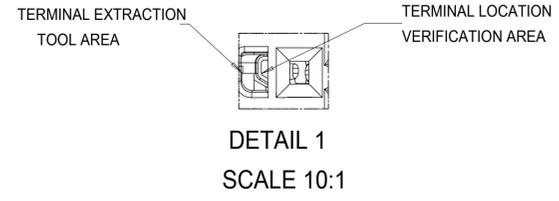


RIB OPTION B

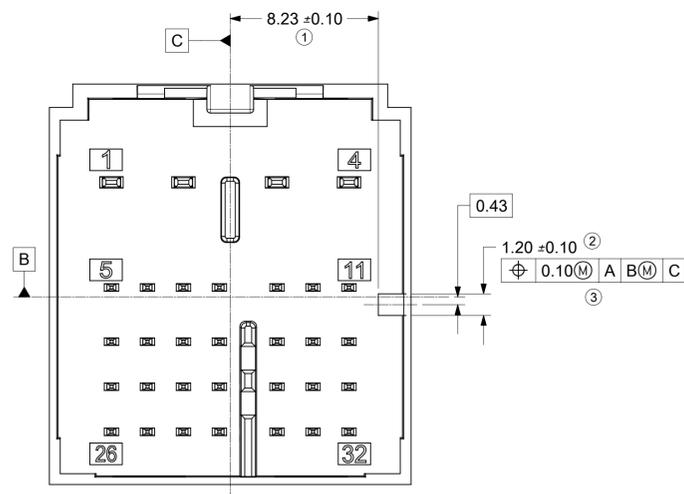


SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE TABLE	
	DIMENSION UNITS	SCALE		
▽ = 0	mm			
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			
▽ = 0	ANGULAR TOL	±	3.0°	
▽ = 0	4 PLACES	±		
▽ = 0	3 PLACES	±		
▽ = 0	2 PLACES	±	0.3	
▽ = 0	1 PLACE	±	0.3	
▽ = 0	0 PLACES	±	0.3	
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING SERIES
▽ = 0			D-SIZE	160028
EC NO: 622293		2017/03/23		
DRWN: HTGUO02		2019/08/13		
CHK'D: JCONDON		2019/08/13		
APPR: JCONDON		2019/08/13		
INITIAL REVISION:				
DRWN: VYARAPPA		2017/02/07		
APPR: KDEKOSKI		2017/03/23		
DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
SD-160028-0001		PSD	000	B2
MATERIAL NUMBER		CUSTOMER		
SEE CHART		GENERAL MARKET		
SHEET NUMBER		1 OF 2		

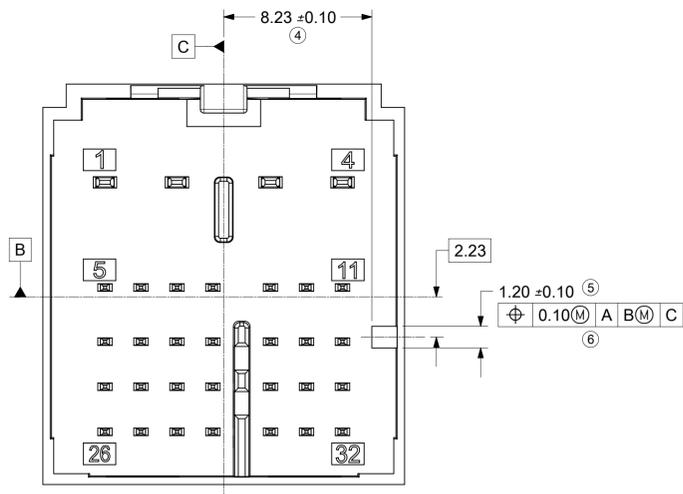
DOCUMENT STATUS	P1	RELEASE DATE	2019/08/13	14:53:57
-----------------	----	--------------	------------	----------



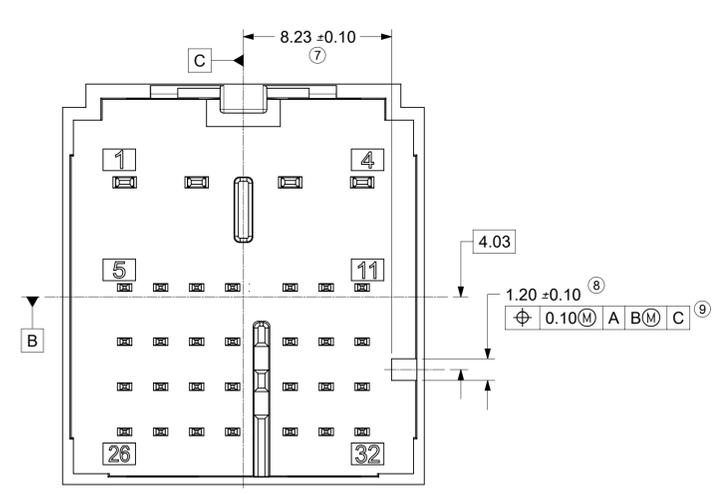
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DIMENSION UNITS	SCALE	CURRENT REV DESC: SEE TABLE
$\nabla = 0$	mm		
$\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		
$\nabla = 0$	ANGULAR TOL	$\pm 3.0^\circ$	
$\nabla = 0$	4 PLACES	\pm	EC NO: 622293
$\nabla = 0$	3 PLACES	\pm	DRWN: HTGU002 2019/08/13
$\nabla = 0$	2 PLACES	± 0.3	CHK'D: JCONDON 2019/08/13
$\nabla = 0$	1 PLACE	± 0.3	APPR: JCONDON 2019/08/13
$\nabla = 0$	0 PLACES	± 0.3	INITIAL REVISION:
$\nabla = 0$	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: VYARAPPA 2017/02/07
$\nabla = 0$	THIRD ANGLE PROJECTION		APPR: KDEKOSKI 2017/03/23
	DRAWING	SERIES	
	D-SIZE	160028	
DOCUMENT NUMBER		DOC TYPE	DOC PART
SD-160028-0001		PSD	000
MATERIAL NUMBER		CUSTOMER	REVISION
SEE CHART		GENERAL MARKET	B2
DOCUMENT STATUS		SHEET NUMBER	
P1		2 OF 2	



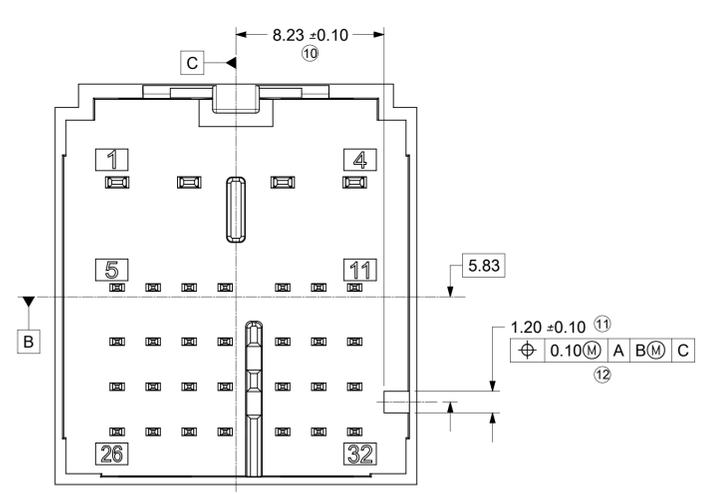
INTERFACE KEY 1 & KEY 5



INTERFACE KEY 2 & KEY 6



INTERFACE KEY 3 & KEY 7

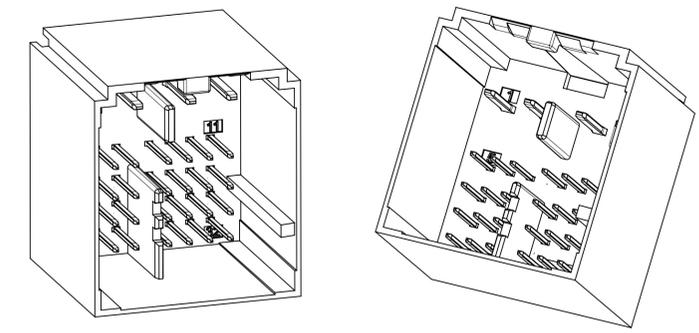
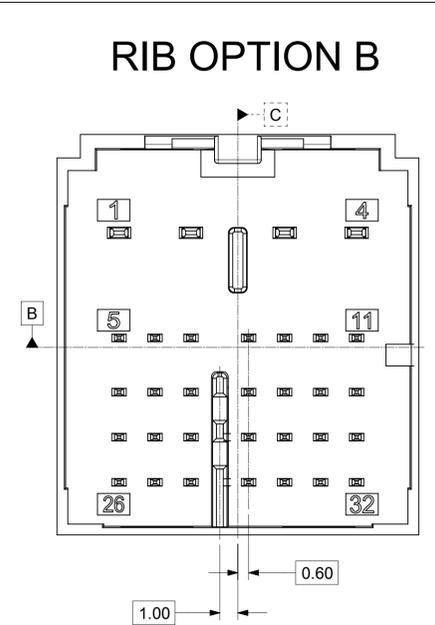
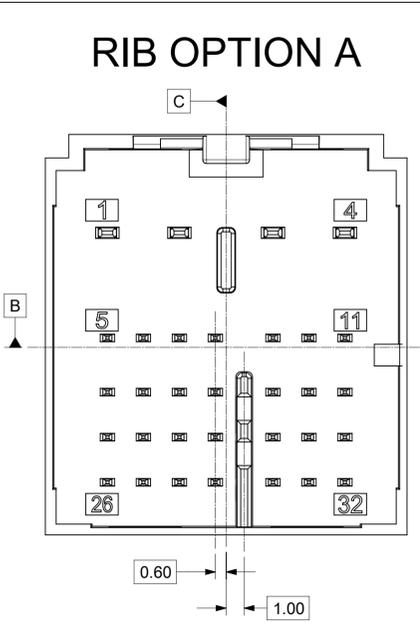


INTERFACE KEY 4 & KEY 8

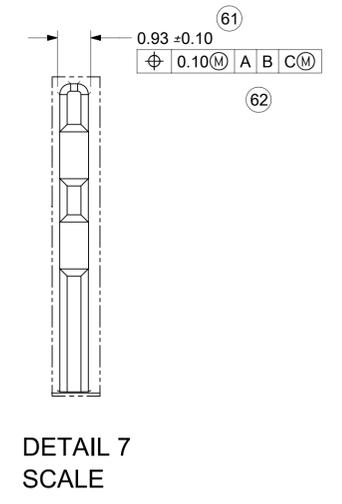
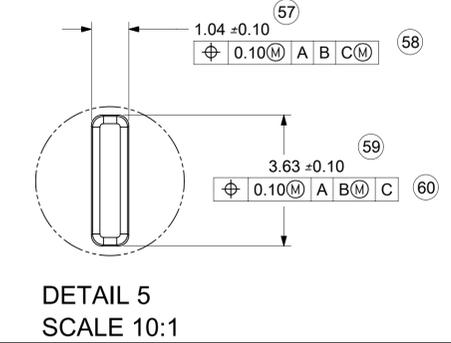
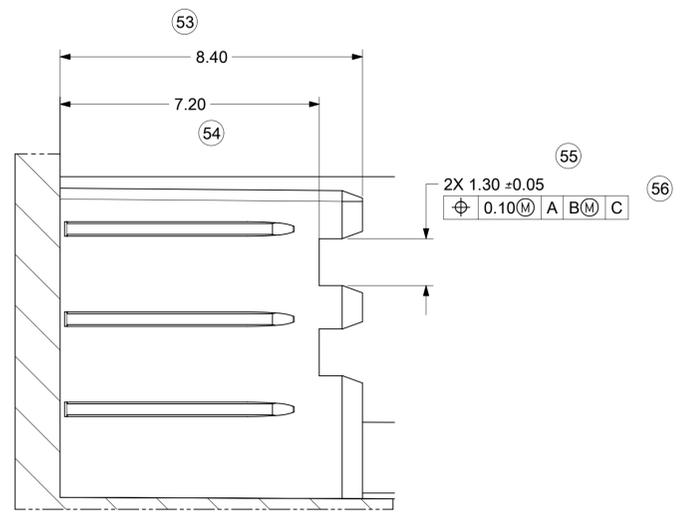
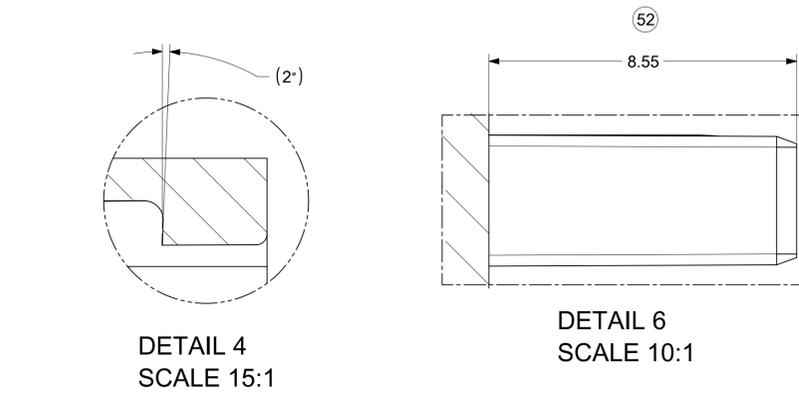
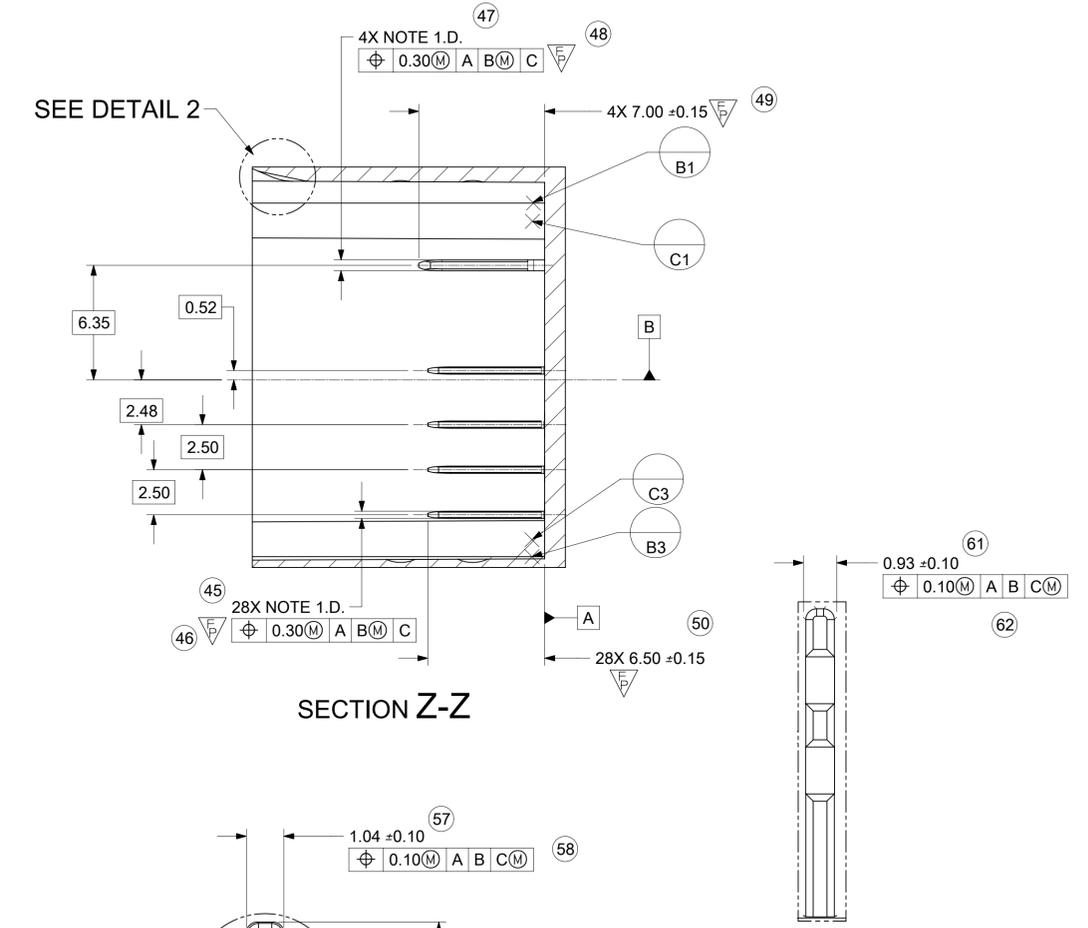
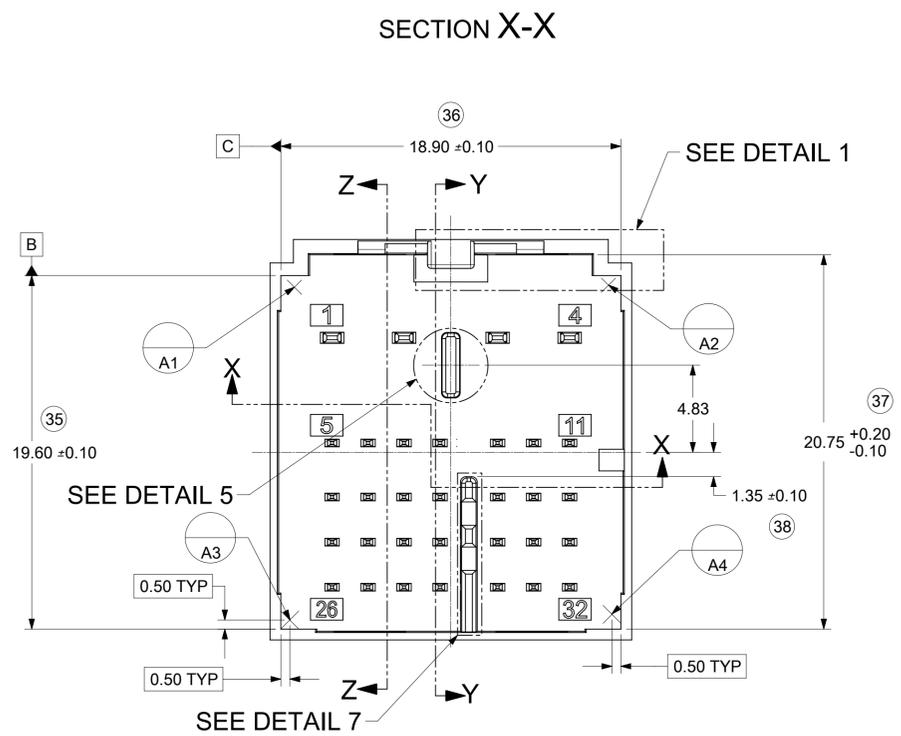
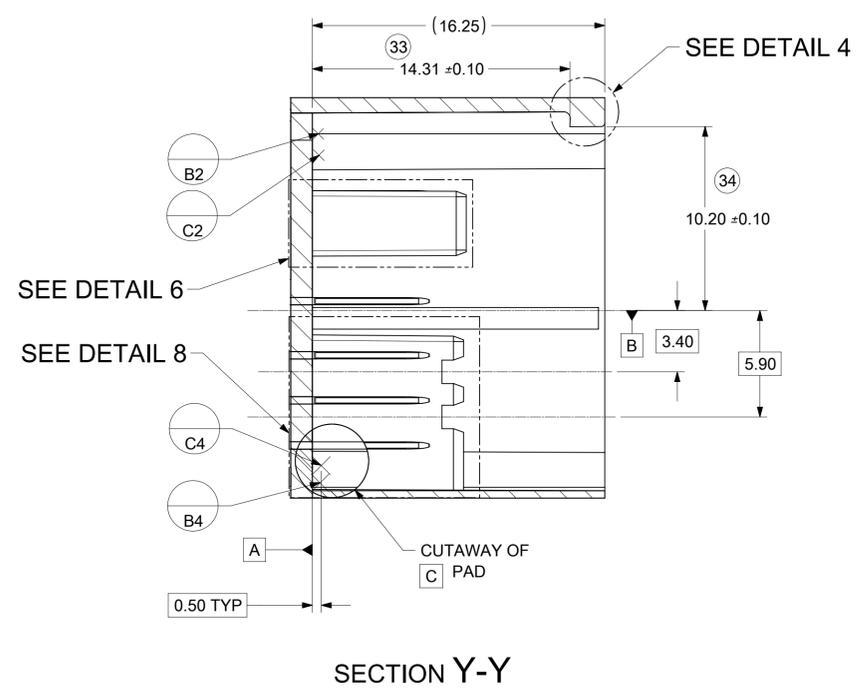
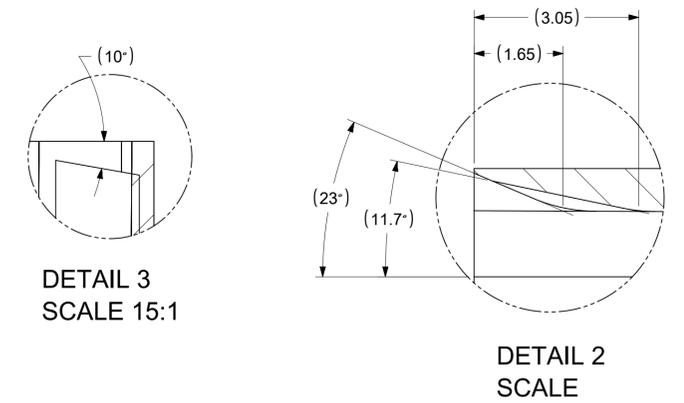
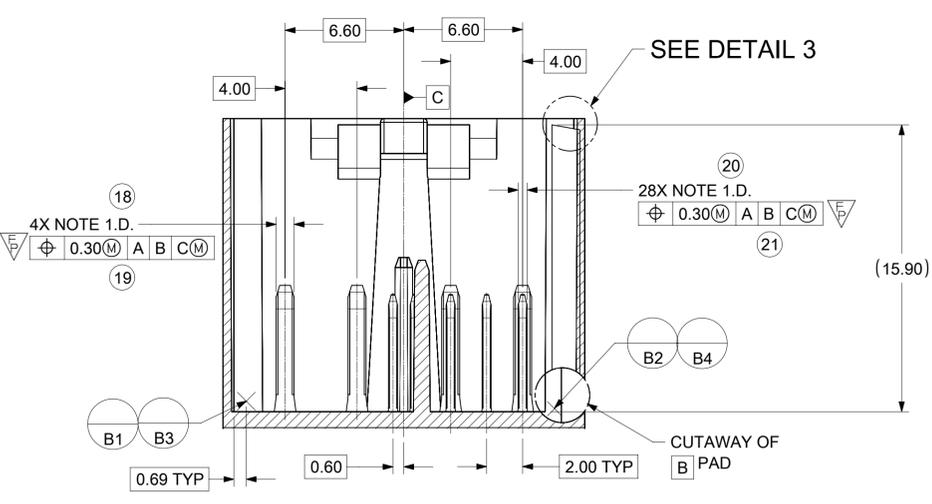
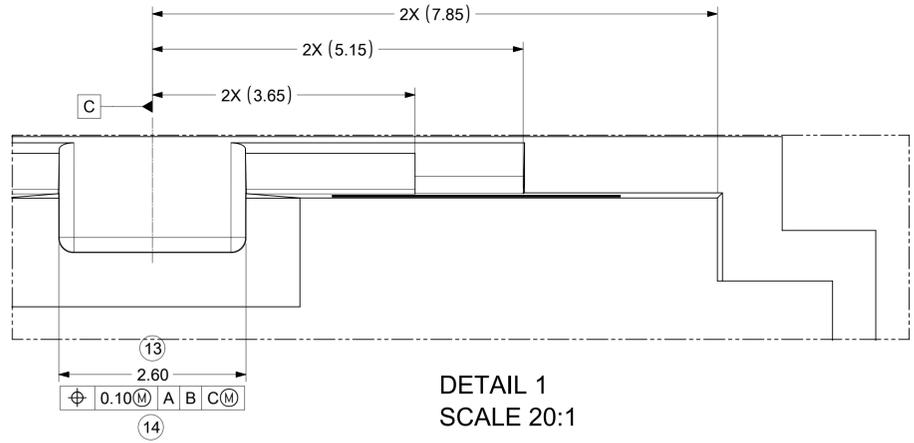
INTERFACE OPTIONS		
KEY	RIB OPTION	MATING CONNECTOR COLOR
1	OPTION A	BLACK
2	OPTION A	BLUE
3	OPTION A	DARK GRAY
4	OPTION A	PURPLE C
5	OPTION B	PINK B
6	OPTION B	TBD
7	OPTION B	LIGHT BROWN
8	OPTION B	TBD

- NOTES: VALID UNLESS OTHERWISE SPECIFIED
- DESIGN - MATERIALS:
 - RESIN MATERIAL: PBT+GF30 OR SPS+GF30 OR EQUIVALENT
 - PIN/BLADE MATERIAL: ACCORDING TO USCAR DRAWING EWCAP-001 NOTE B2.
 - PLATING: ACCORDING TO USCAR DRAWING EWCAP-001 TIN REFLOW WITH UNDERPLATE.
 - PIN TIPS ACCORDING TO USCAR DRAWING EWCAP-001 (120-T002 & 050-T001)
 - DEVIATION TO EWCAP-001 ACCEPTABLE IF PERFORMANCE (ELECTRICAL/MECHANICAL) IS SHOWN TO BE EQUAL OR BETTER AS REQUIRED BY VALIDATION TESTING.
 - DESIGN - GEOMETRY:
 - ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
 - GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
 - GENERAL TOLERANCES:
 - LINEAR: PER DIN 16901 LINEAR CODE B FOR PRECISION ENGINEERING
 - ANGULAR: -3°
 - EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
 - LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER. (for small parts: LETTERING SHALL BE 0.10 MAX RAISED IN 0.15 MAX RECESS PAD)
 - DESIGN - MANUFACTURING:
 - DRAFT TO BE WITHIN TOLERANCE.

B1	ADDED BALLOONS JCONDON 08/02/2018
B	REMOVED 0.2MM FROM CONNECTOR LOCK TAB FEATURE
A1	ADDED NOTE 1.E JCONDON 11/13/2017
A	NX-REMASTERING SAP # 10867412
7	UAU2016-1182 SAP # 10762453 JCONDON 02/08/2016
6	UAU2015-1446 SAP # 10681629 JCONDON 03/25/2015
5	UAU2015-1212 SAP # 10674908 JCONDON 02/06/2015
4	UAU2015-0982 SAP # 10670199 JCONDON 12/22/2014
3	UAU2014-1679 SAP # XXXXXXXX KDEKOSKI 05/02/2014
2	UAU2014-1221 SAP # XXXXXXXX MYOUNG01 02/06/2014
1	UAU2014-0715 SAP # XXXXXXXX MYOUNG01 01/02/2014
REV	DESCRIPTION

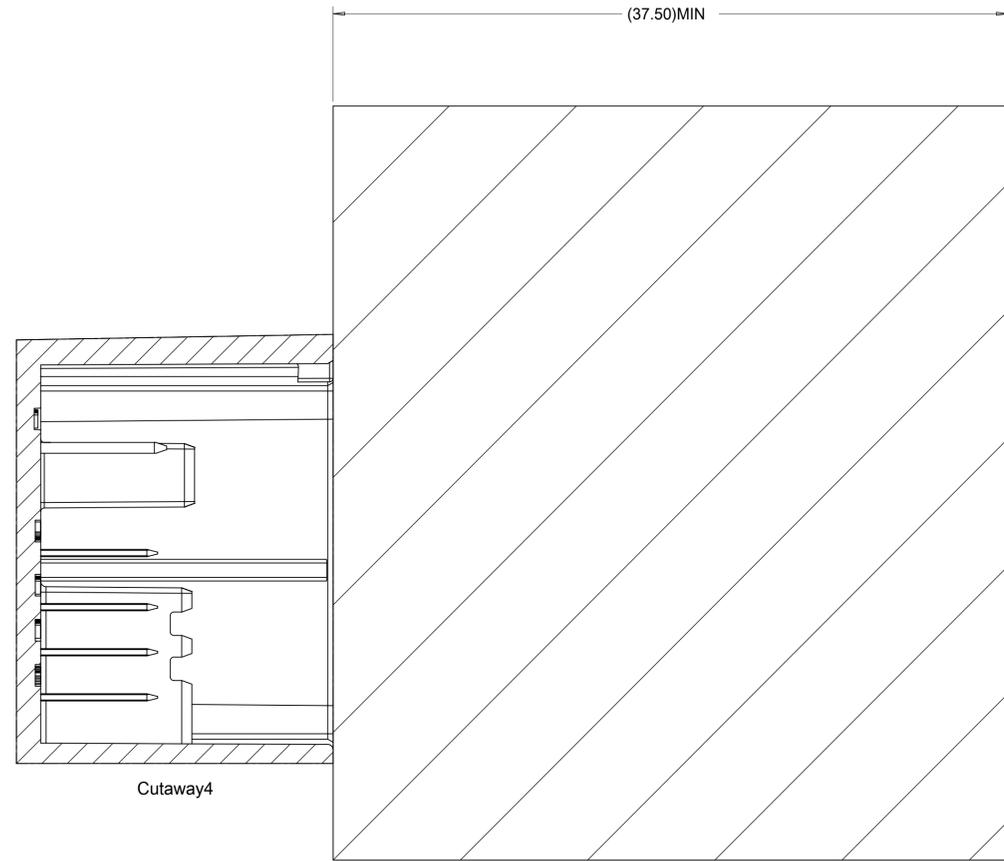


SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: ADDED DIMENSION BALLOONS	
	DIMENSION UNITS	SCALE		
▽ = 0	mm	5:1	DRWN: JCONDON 2018/08/02	32WAY STAK50H INTERFACE DRAWING
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: JCONDON 2018/08/03	
▽ = 0	ANGULAR TOL ± °		APPR: MVANSLAMBROU 2018/08/03	PRODUCT CUSTOMER DRAWING
▽ = 0	4 PLACES ±		INITIAL REVISION:	DOCUMENT NUMBER
▽ = 0	3 PLACES ±		DRWN: MYOUNG01 2013/11/14	
▽ = 0	2 PLACES ±		APPR: KDEKOSKI 2014/01/02	DOC TYPE
▽ = 0	1 PLACES ±			DOC PART
▽ = 0	0 PLACES ±			REVISION
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	
▽ = 0			DRAWING	
▽ = 0			SERIES	
			D-SIZE	
			160028	
			MATERIAL NUMBER	
			CUSTOMER	
			GENERAL MARKET	
			SHEET NUMBER	
			1 OF 3	

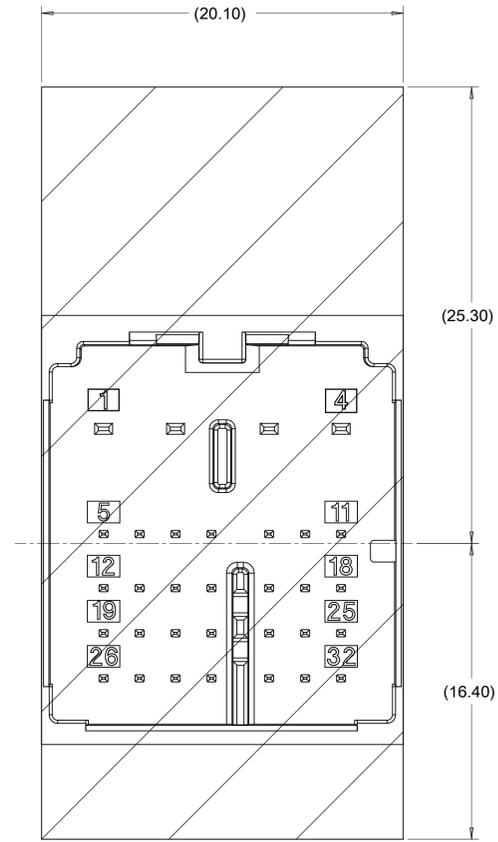


SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	DIMENSION UNITS	SCALE	CURRENT REV DESC: ADDED DIMENSION BALLOONS								
▽ = 0	mm	5:1								32WAY STAK50H INTERFACE DRAWING	
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									PRODUCT CUSTOMER DRAWING	
▽ = 6	ANGULAR TOL ± °									DOCUMENT NUMBER	
▽ = 0	4 PLACES ±		EC NO: 602204							DOC TYPE	
▽ = 0	3 PLACES ±		DRWN: JCONDON 2018/08/02							DOC PART	
▽ = 0	2 PLACES ±		CHK'D: JCONDON 2018/08/03							REVISION	
▽ = 0	1 PLACE ±		APPR: MVANSLAMBROU 2018/08/03							SD-160028-002	
▽ = 0	0 PLACES ±		INITIAL REVISION:							PSD 001 B1	
⊠ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING SERIES		MATERIAL NUMBER		CUSTOMER		
■ = 0			D-SIZE		160028		GENERAL MARKET		SHEET NUMBER		
▽ = 0									2 OF 3		

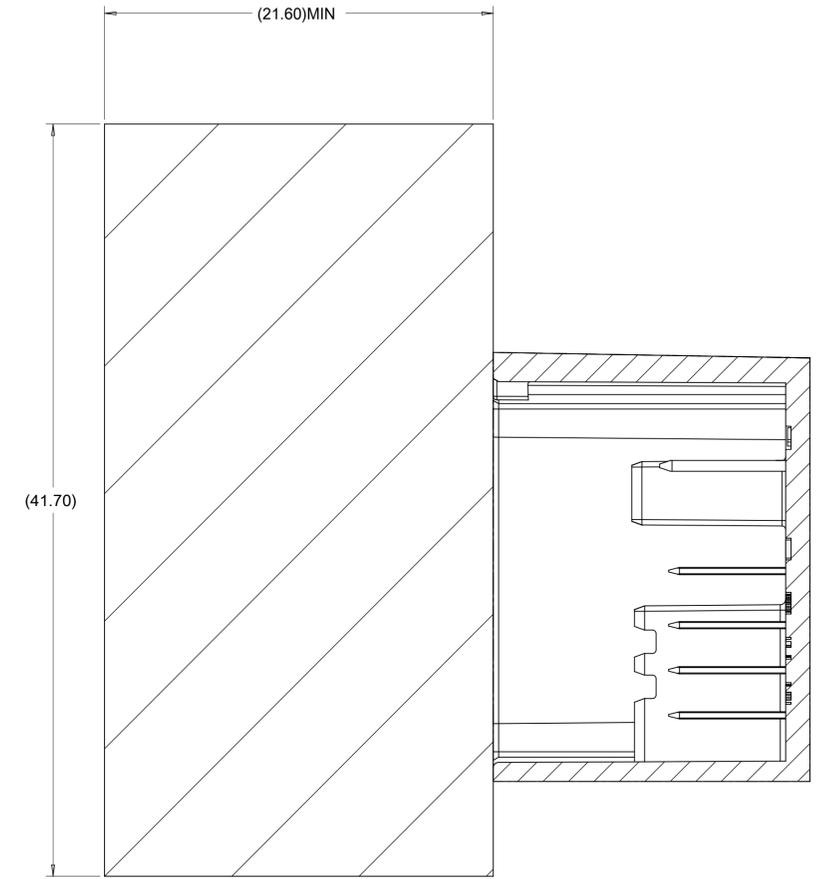
PACKAGE SPACE
FOR UNMATED
CONNECTOR



PACKAGE SPACE
FOR CONNECTOR



PACKAGE SPACE
FOR MATED
CONNECTOR
WITH COVER



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: ADDED DIMENSION BALLOONS
= 0	mm	5:1	molex 32WAY STAK50H INTERFACE DRAWING PRODUCT CUSTOMER DRAWING
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
= 0	ANGULAR TOL ± °		
= 0	4 PLACES ±	EC NO: 602204	
= 0	3 PLACES ±	DRWN: JCONDON 2018/08/02	
= 0	2 PLACES ±	CHK'D: JCONDON 2018/08/03	
= 0	1 PLACES ±	APPR: MVANSLAMBROU 2018/08/03	
= 0	0 PLACES ±	INITIAL REVISION:	
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: MYOUNG01 2013/11/14 APPR: KDEKOSKI 2014/01/02
		THIRD ANGLE PROJECTION	DOCUMENT NUMBER: SD-160028-002 DOC TYPE: PSD DOC PART: 001 REVISION: B1
		DRAWING: D-SIZE	MATERIAL NUMBER: 160028 CUSTOMER: GENERAL MARKET SHEET NUMBER: 3 OF 3

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9