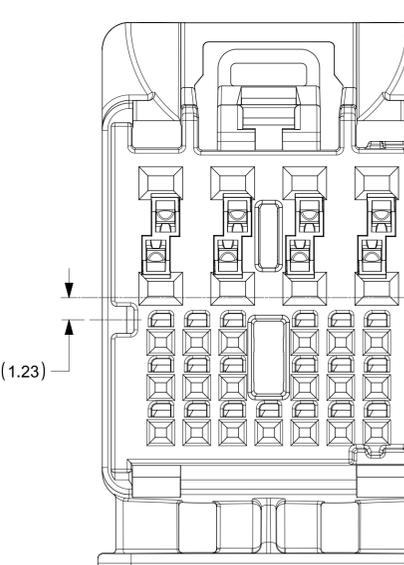


28WAY CONNECTOR ASSY
KEY 1
P/N 1600140001

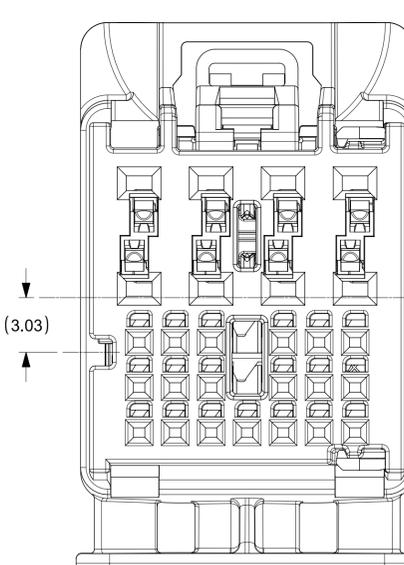
28WAY CONNECTOR ASSY
KEY 2
P/N 1600140002

28WAY CONNECTOR ASSY
KEY 3
P/N 1600140003

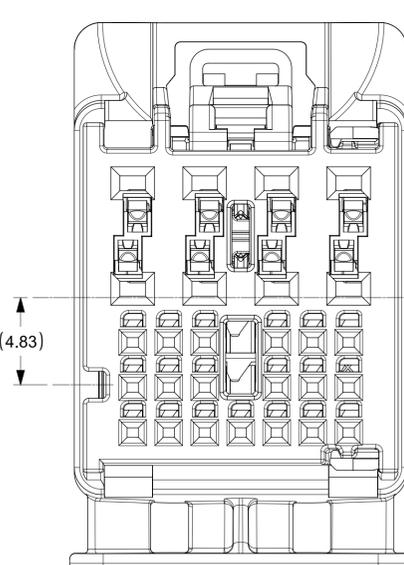
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P/N 1600140004



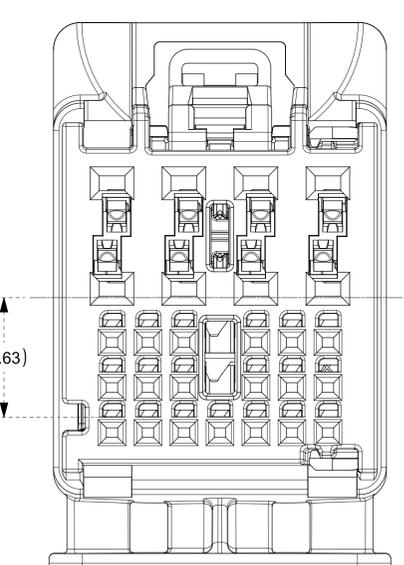
27WAY CONNECTOR ASSY
KEY 1
P/N 1600290001



27WAY CONNECTOR ASSY
KEY 2
P/N 1600290002

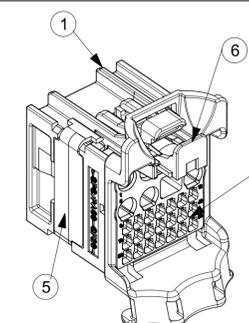
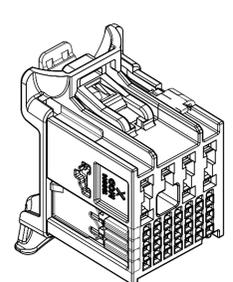


27WAY CONNECTOR ASSY
KEY 3
P/N 1600290003



27WAY CONNECTOR ASSY
KEY 4
P/N 1600290004

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



NOTES: VALID UNLESS OTHERWISE SPECIFIED

27WAY/28WAY ARE DEPOPULATED VARIANTS OF THE 29WAY

- GENERAL:
 - APPLICATION SPECIFICATION SEE: AS-160014-001
 - PRODUCT SPECIFICATION SEE: PS-160014-001
 - PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31302-266
 - PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
 - DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
- DESIGN - MATERIALS:
 - SEE BOM TABLE
- DESIGN - GEOMETRY:
 - ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
 - PRODUCT DESIGN MODEL NUMBER(S): SEE BOM TABLE
 - GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
 - EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
 - MARKED TEXT TO INCLUDE RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
 - 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
- DESIGN - MANUFACTURING:
 - VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)

B3	UPDATED DELPHI 1.2 TERMINAL PNS
B2	UPDATED WIRE GAGE RANGE OF 1.20MM TERMINAL HTGUO 02/20/2019
B1	REV BLOCK CORRECTION JJOYA 1/22/2018
B	ADDED VIEWS FOR 27WAY AND UPDATED BOM JJOYA 12/19/2017
A1	SAP # 10816434 VYARAPPA 03/23/2017
A	UAU2017-0137 SAP # 10789287 JCONDON 08/13/2016
7	UAU2016-1182 SAP # 10762453 JCONDON 02/08/2016
6	UAU2015-1899 SAP # 10698159 JCONDON 06/17/2015
5	UAU2015-1606 SAP # 10685685 JCONDON 04/23/2015
4	UAU2015-0824 SAP # XXXXXX JCONDON 12/05/2014
3	UAU2014-1923 SAP # XXXXXXXX BSCUDDER 05/19/2014
2	UAU2014-1726 SAP # XXXXXXXX CBOWDEN 10/22/2013
1	UAU2014-0633 SAP # XXXXXXXX KDEKOSKI 10/09/2013

MOLEX ASSEMBLY PART NO.'S	CIRCUIT COUNT	KEY	OUTER SHROUD COLOR	COMPONENTS							
				OUTER SHROUD KEY 1	OUTER SHROUD KEY 2	OUTER SHROUD KEY 3	OUTER SHROUD KEY 4	INNER HOUSING	ISL	CPA	
				SPS/PA66-GF20	SPS/PA66-GF20	SPS/PA66-GF20	SPS/PA66-GF20	SPS/PA66-GF20	SPS-GF30	PA66-GF50	
1600140001	28	1	DARK GRAY	1				1	1	1	
1600140002	28	2	LT GREEN A		1			1	1	1	
1600140003	28	3	LT GRAY			1		1	1	1	
1600140004	28	4	BLACK				1	1	1	1	
1600290001	27	1	BLACK	1				1	1	1	
1600290002	27	2	LT GREEN B		1			1	1	1	
1600290003	27	3	LT BLUE B			1		1	1	1	
1600290004	27	4	PURPLE C				1	1	1	1	

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

mm SCALE

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 3.0°

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.3

1 PLACE ± 0.3

0 PLACES ± 0.3

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING SERIES

D-SIZE 160014

CURRENT REV DESC: SEE TABLE

EC NO: 622293

DRWN: HTGUO02 2019/08/13

CHK'D: JCONDON 2019/08/13

APPR: KCONDON 2019/08/13

INITIAL REVISION:

DRWN: VYARAPPA 2017/02/06

APPR: KDEKOSKI 2017/03/23

DOCUMENT NUMBER: SD-160014-0001

DOC TYPE: PSD

DOC PART: 000

REVISION: B3

28WAY STAK50H HYBRID CONNECTOR ASSEMBLY

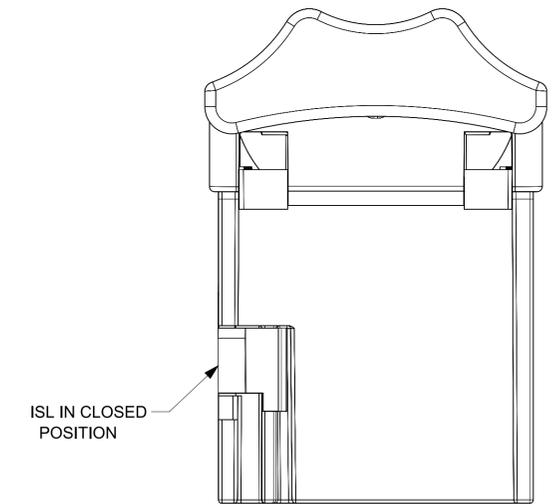
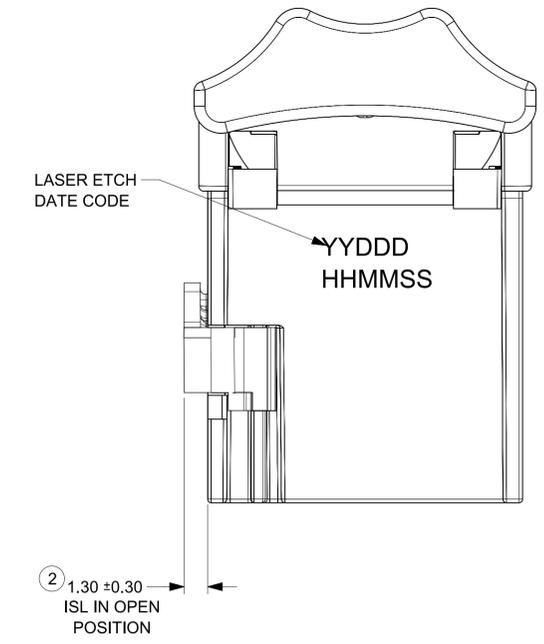
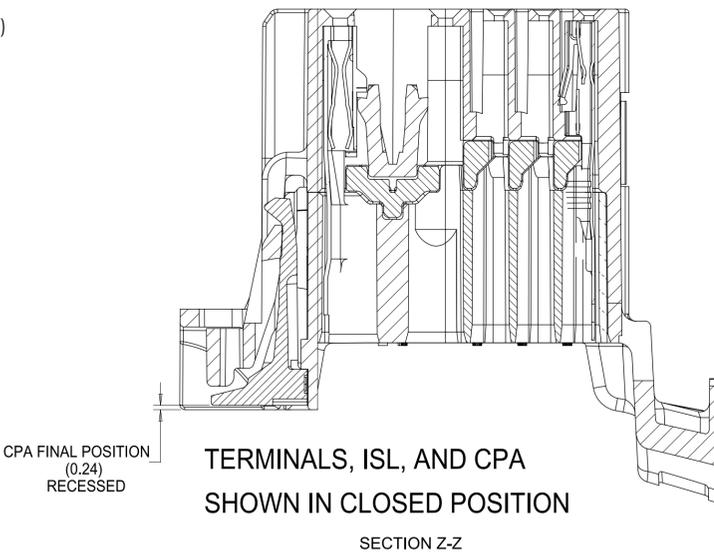
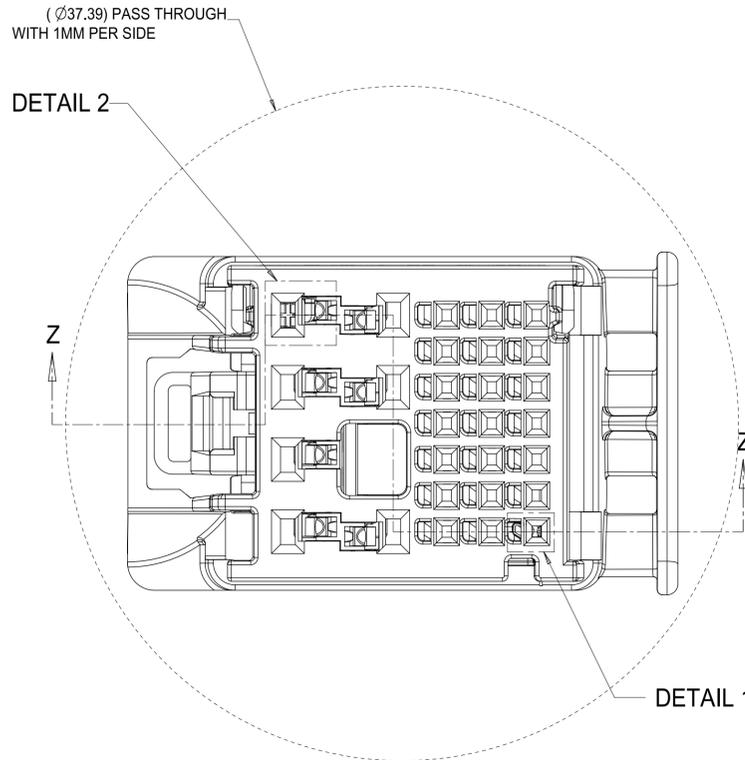
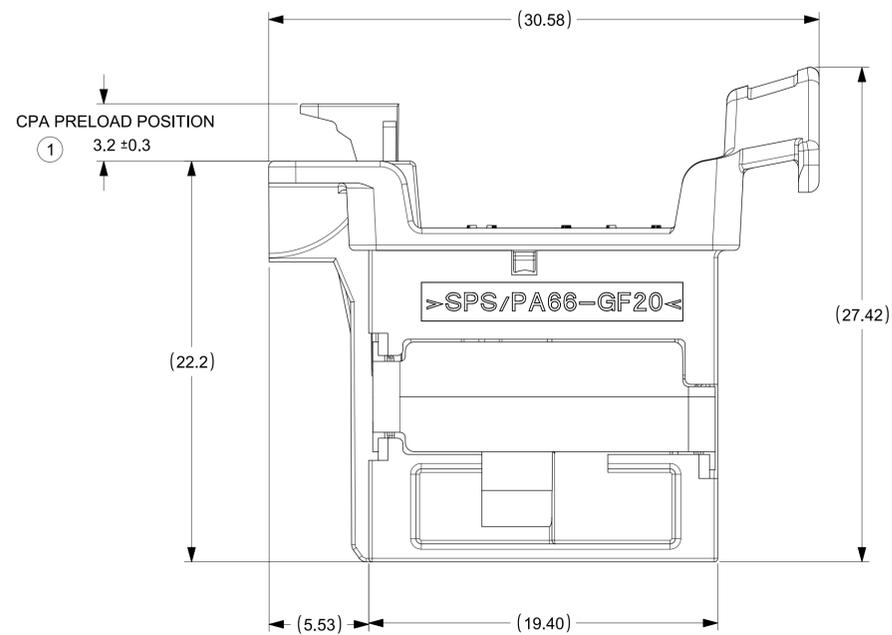
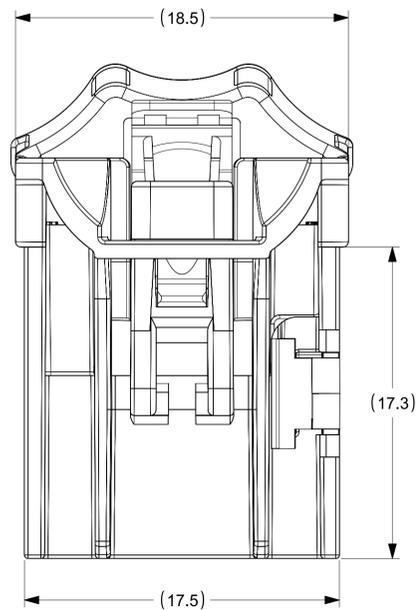
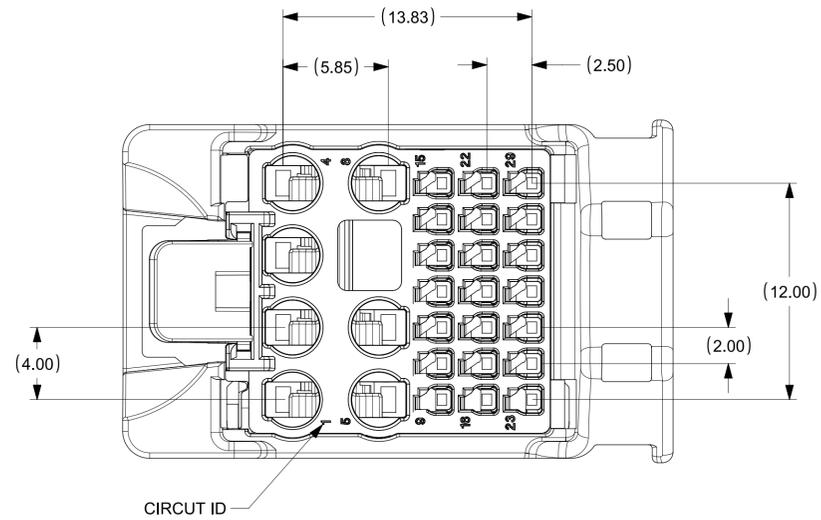
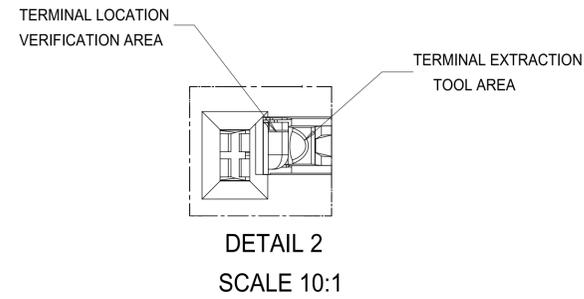
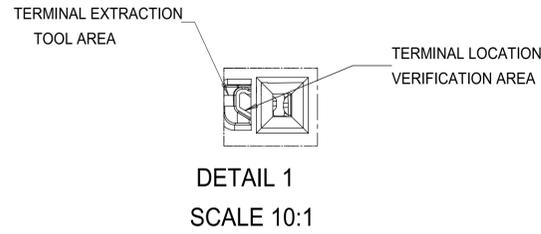
PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER: SEE CHART

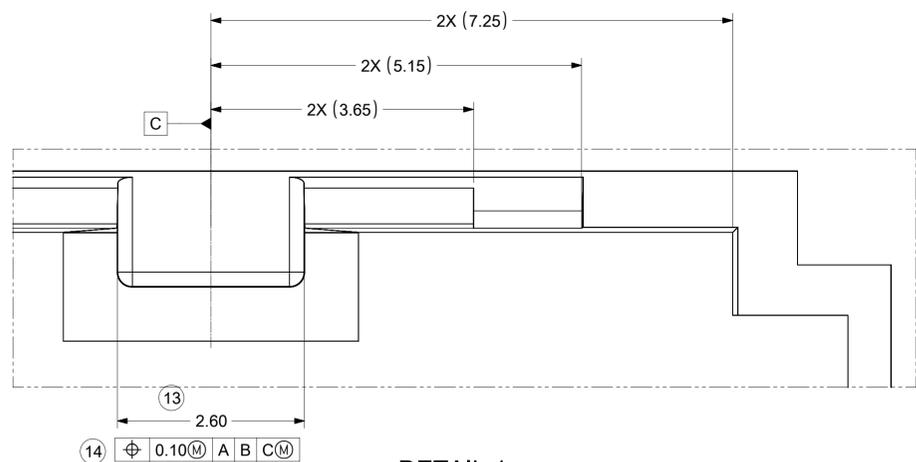
CUSTOMER: GENERAL MARKET

SHEET NUMBER: 1 OF 2

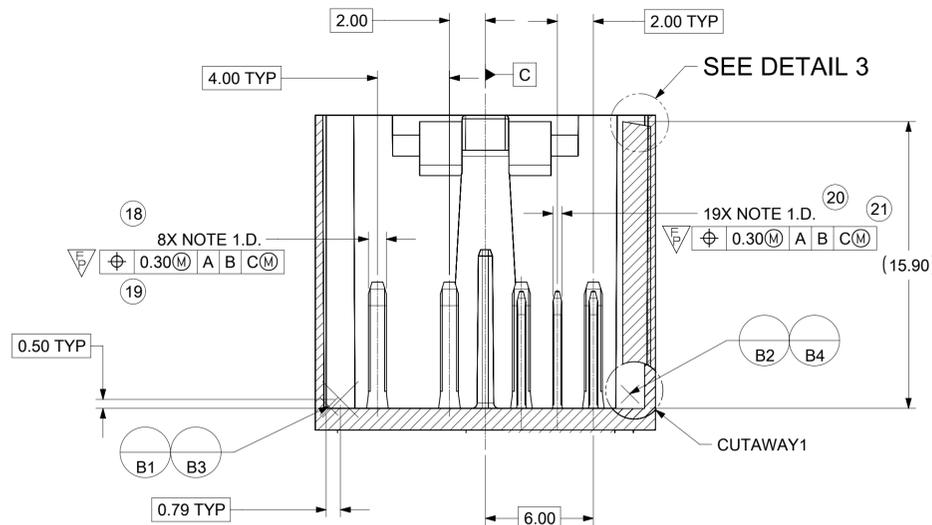
NOTE: 28WAY CONNECTOR VARIANT SHOWN.
DIMENSIONS APPLY TO ALL CONNECTOR VARIANTS OF 29WAY



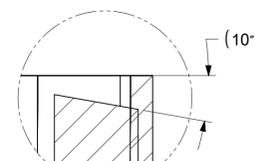
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE TABLE					
mm									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 622293					
ANGULAR TOL ± 3.0°				DRWN: HTGUO02		2019/08/13			
4 PLACES ±				CHK'D: JCONDON		2019/08/13			
3 PLACES ±				APPR: JCONDON		2019/08/13			
2 PLACES ± 0.3				INITIAL REVISION:					
1 PLACE ± 0.3				DRWN: VYARAPPA		2017/02/06			
0 PLACES ± 0.3				APPR: KDEKOSKI		2017/03/23			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
				D-SIZE		160014			
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				SEE CHART		GENERAL MARKET		2 OF 2	



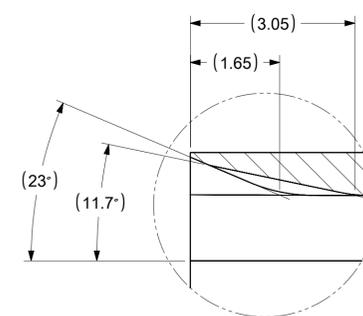
DETAIL 1
SCALE 20:1



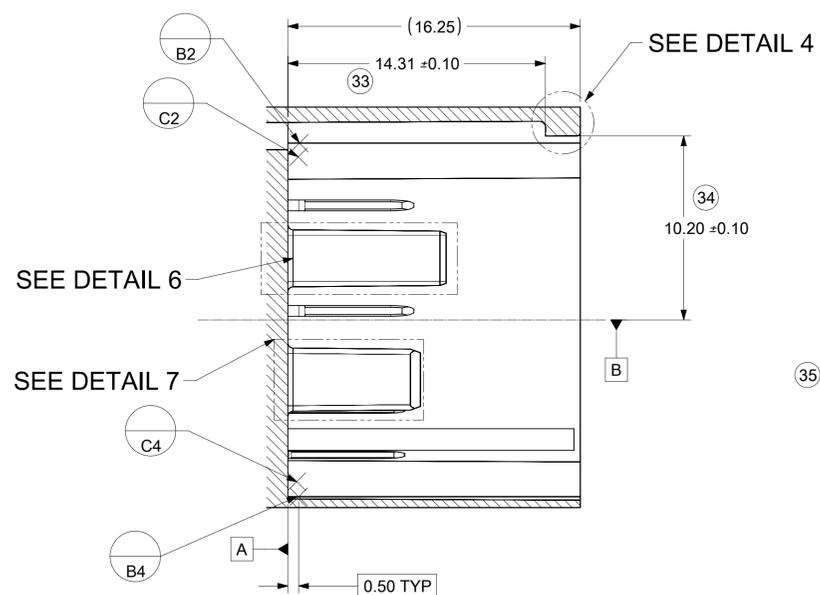
SECTION X-X



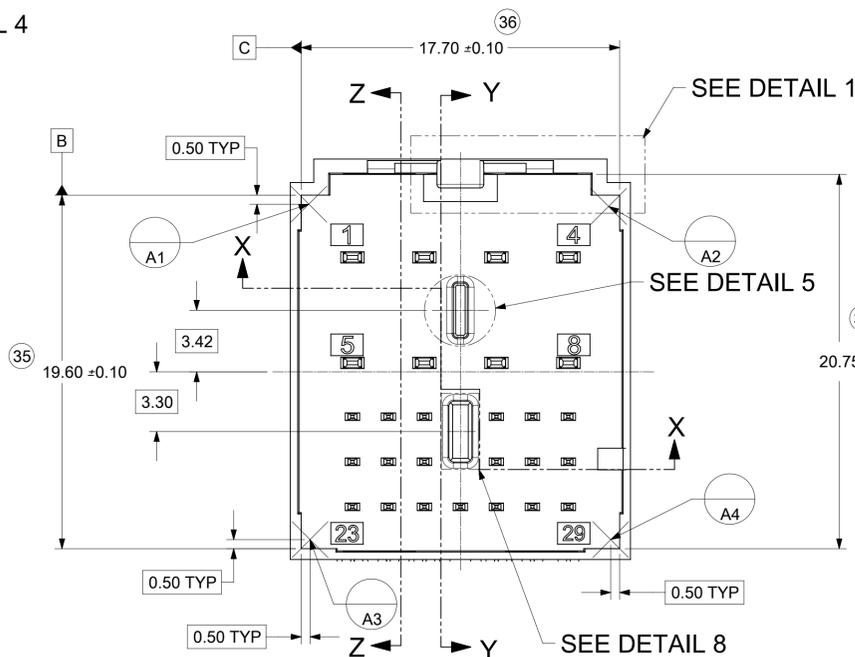
DETAIL 3
SCALE 15:1



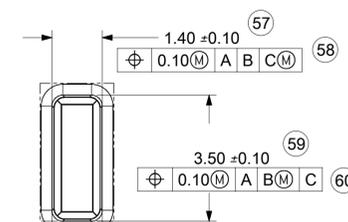
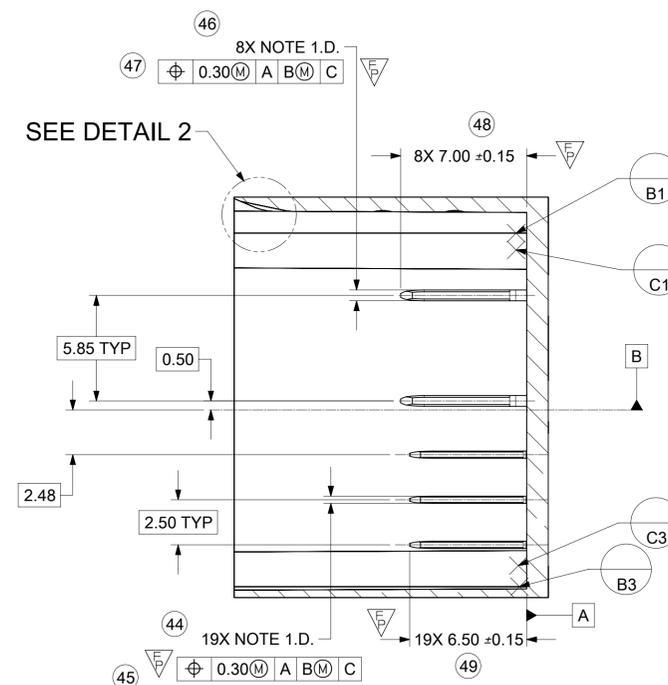
DETAIL 2
SCALE 15:1



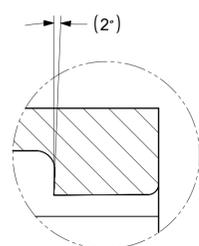
SECTION Y-Y



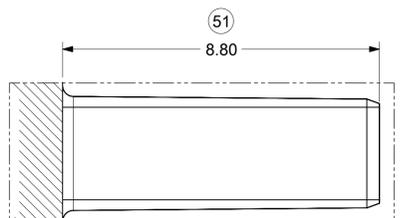
SECTION Z-Z



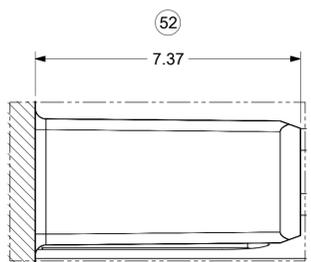
DETAIL 8
SCALE 10:1



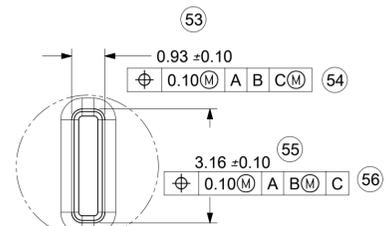
DETAIL 4
SCALE 15:1



DETAIL 6
SCALE 10:1



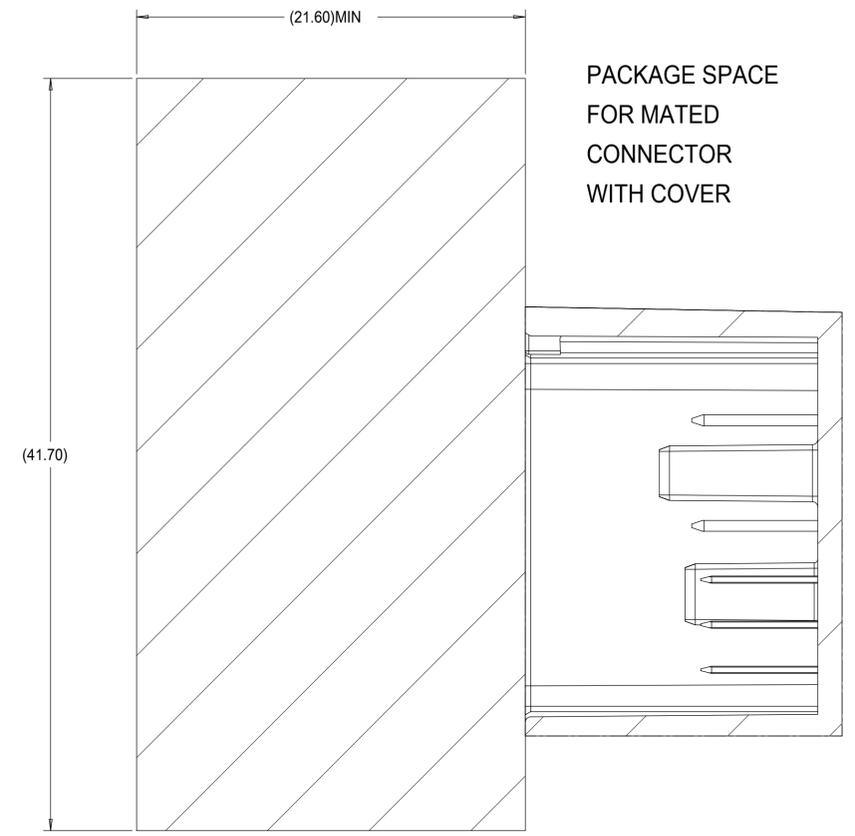
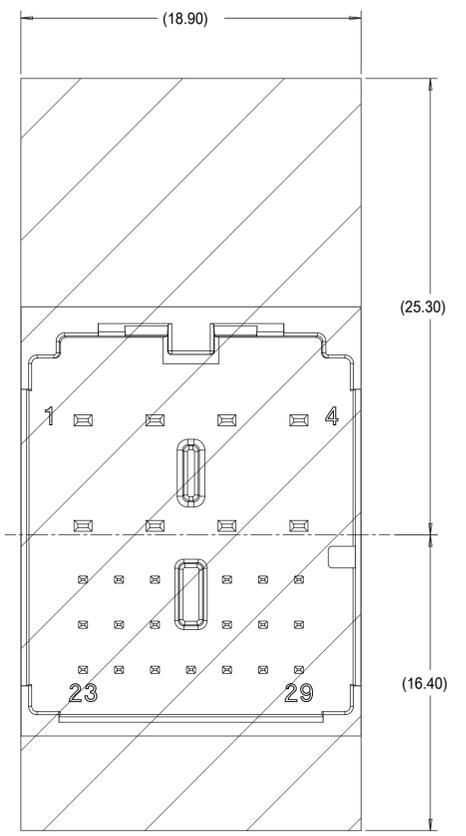
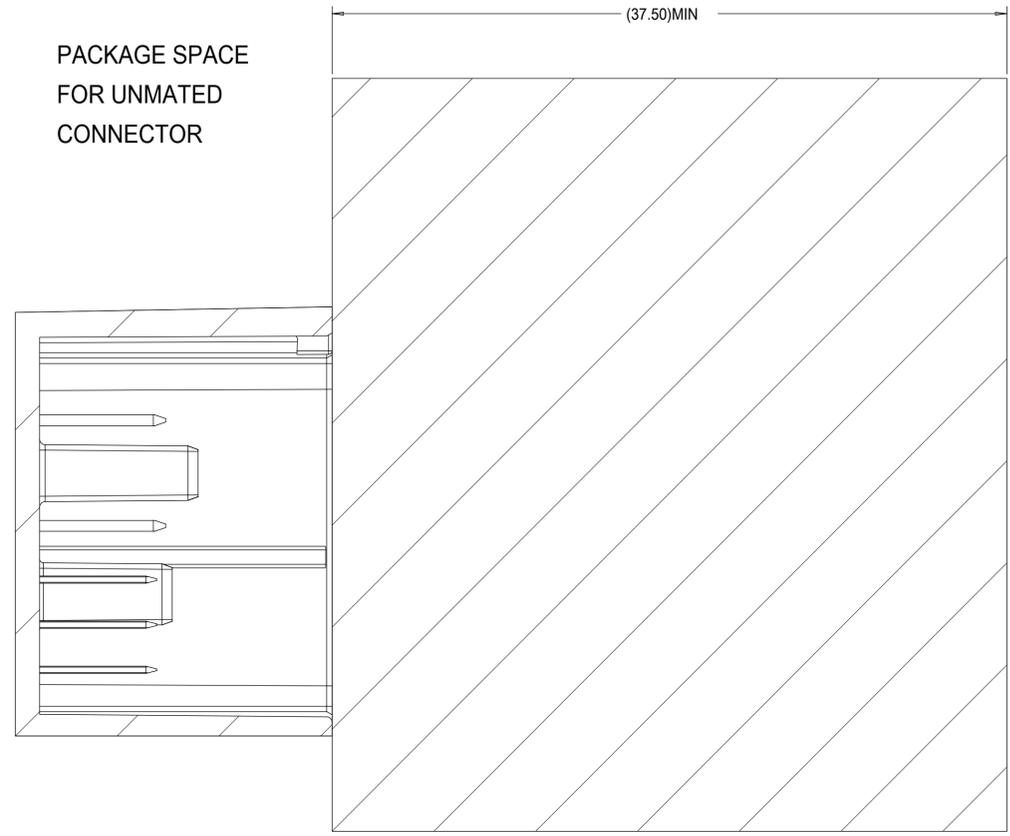
DETAIL 7
SCALE 10:1



DETAIL 5
SCALE 10:1

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: ADDED DIMENSION	
	DIMENSION UNITS	SCALE	BALLOONS	
▽ = 0	mm	5:1		
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			
▽ = 6	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 PLACE	±	APPR: MVANSLAMBROU 2018/08/03	
▽ = 0	0 PLACES	±	INITIAL REVISION:	
⊠ = 0	DRAFT WHERE APPLICABLE		DRWN: DAHALL 2013/11/20	
▽ = 0	MUST REMAIN WITHIN DIMENSIONS		APPR: KDEKOSKI 2014/01/02	
	THIRD ANGLE PROJECTION	DRAWING	SERIES	
		D-SIZE	160029	
		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		SD-160029-002	GENERAL MARKET	2 OF 3
		DOCUMENT NUMBER	DOC TYPE	DOC PART
		SD-160029-002	PSD	001
		REVISION		B1
		PRODUCT CUSTOMER DRAWING		
		27WAY STAK50H INTERFACE DRAWING		

PACKAGE SPACE
FOR CONNECTOR



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	
▽ = 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
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▽ = 0	0 PLACES	±	INITIAL REVISION:
□ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: DAHALL 2013/11/20
■ = 0	THIRD ANGLE PROJECTION		APPR: KDEKOSKI 2014/01/02
▽ = 0	DRAWING SERIES		
	D-SIZE 160029		
DOCUMENT NUMBER		DOC TYPE	DOC PART
SD-160029-002		PSD	001
REVISION		REVISION	
B1			
MATERIAL NUMBER		CUSTOMER	
GENERAL MARKET			
SHEET NUMBER		3 OF 3	

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

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

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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:

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moschip.ru_6

moschip.ru_9