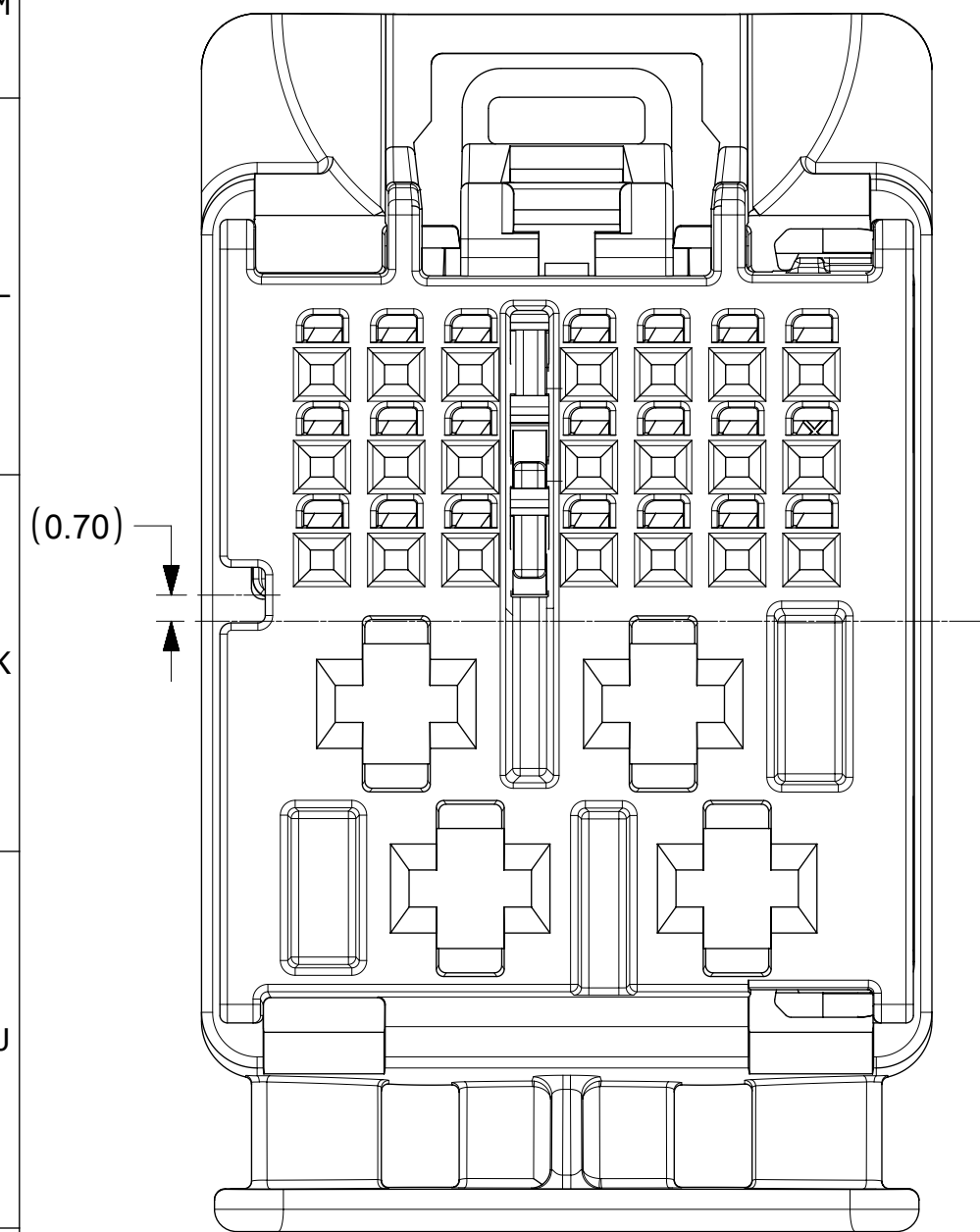
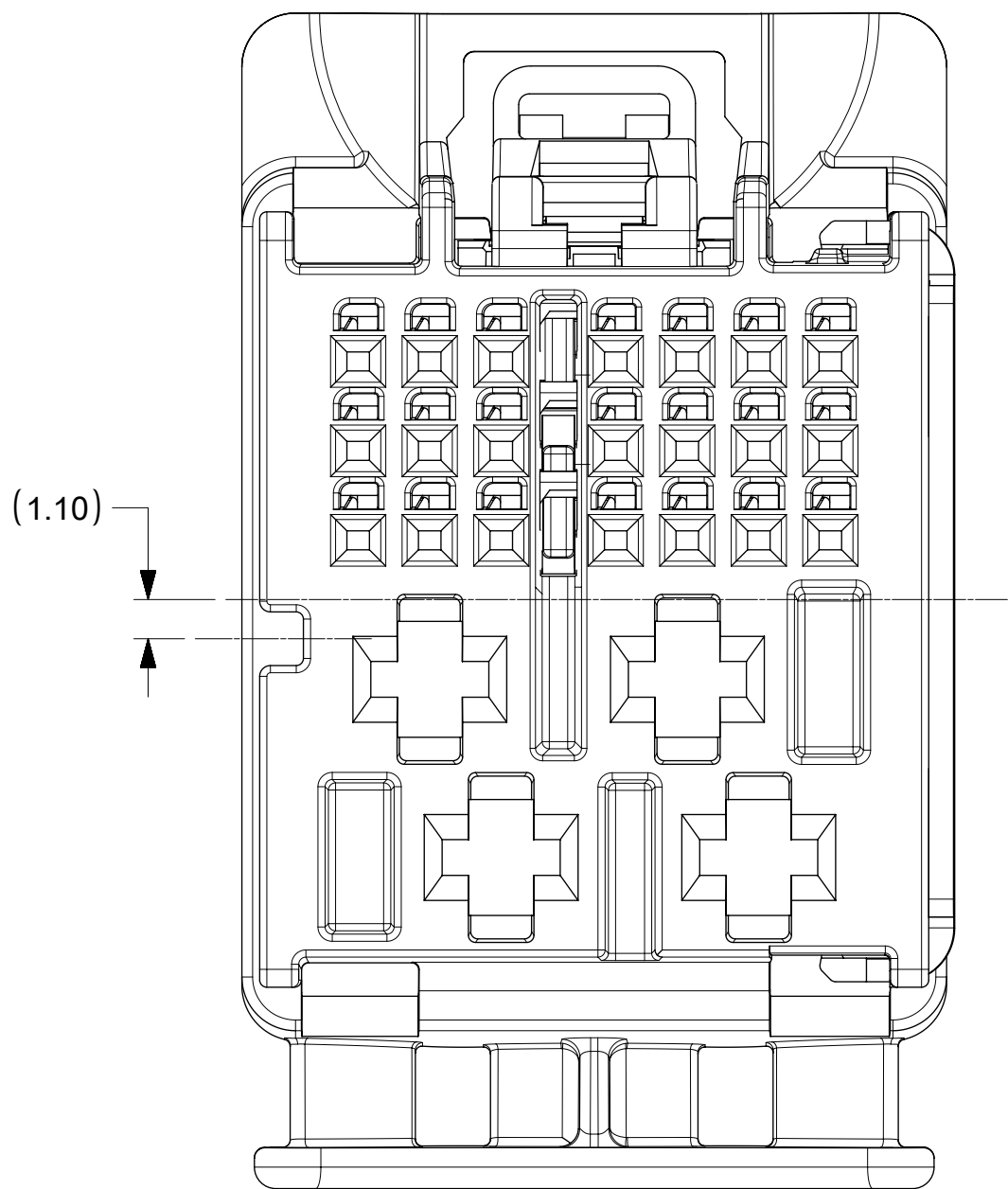


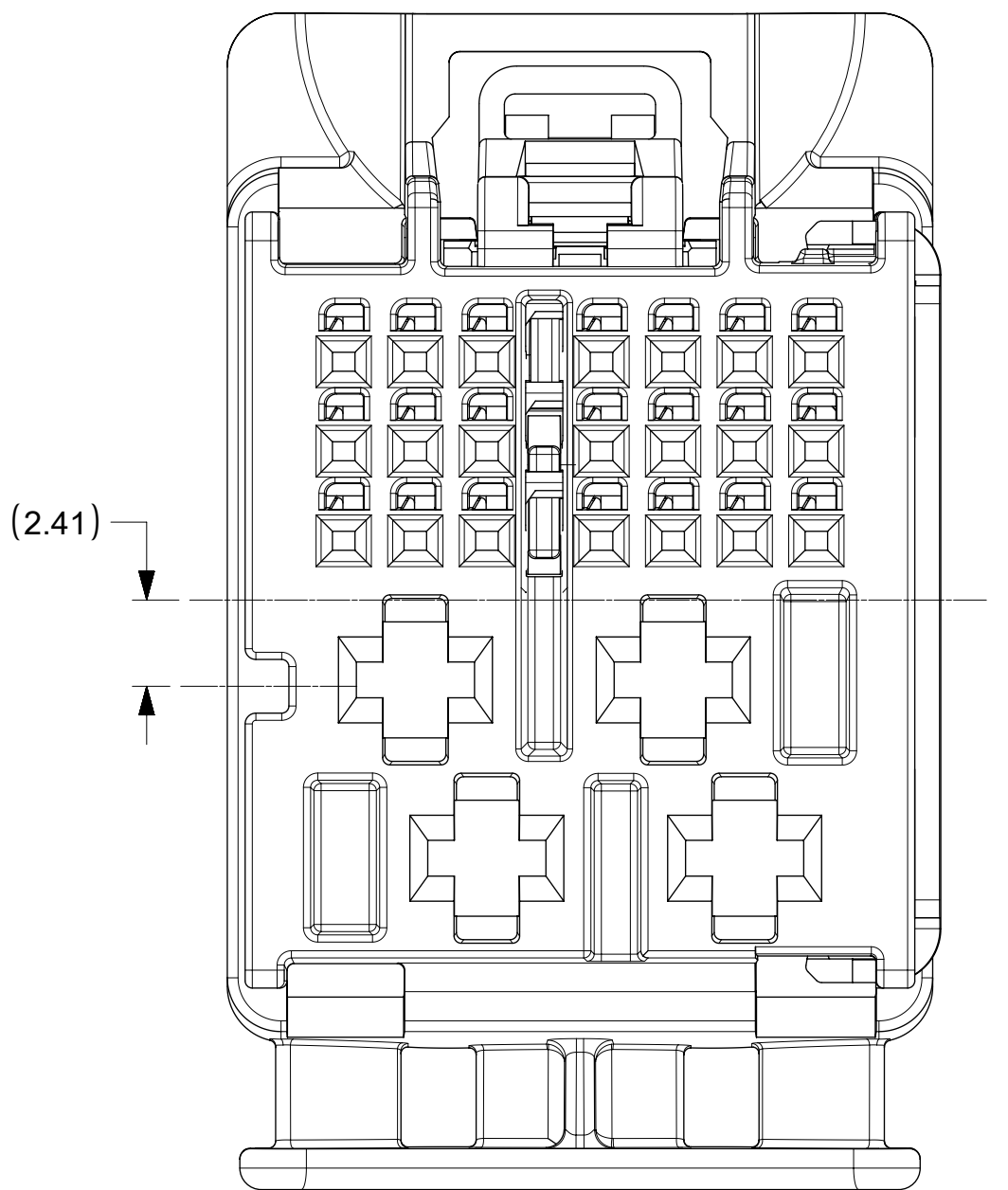


25WAY CONNECTOR ASSEMBLY KEY 1 & KEY 5

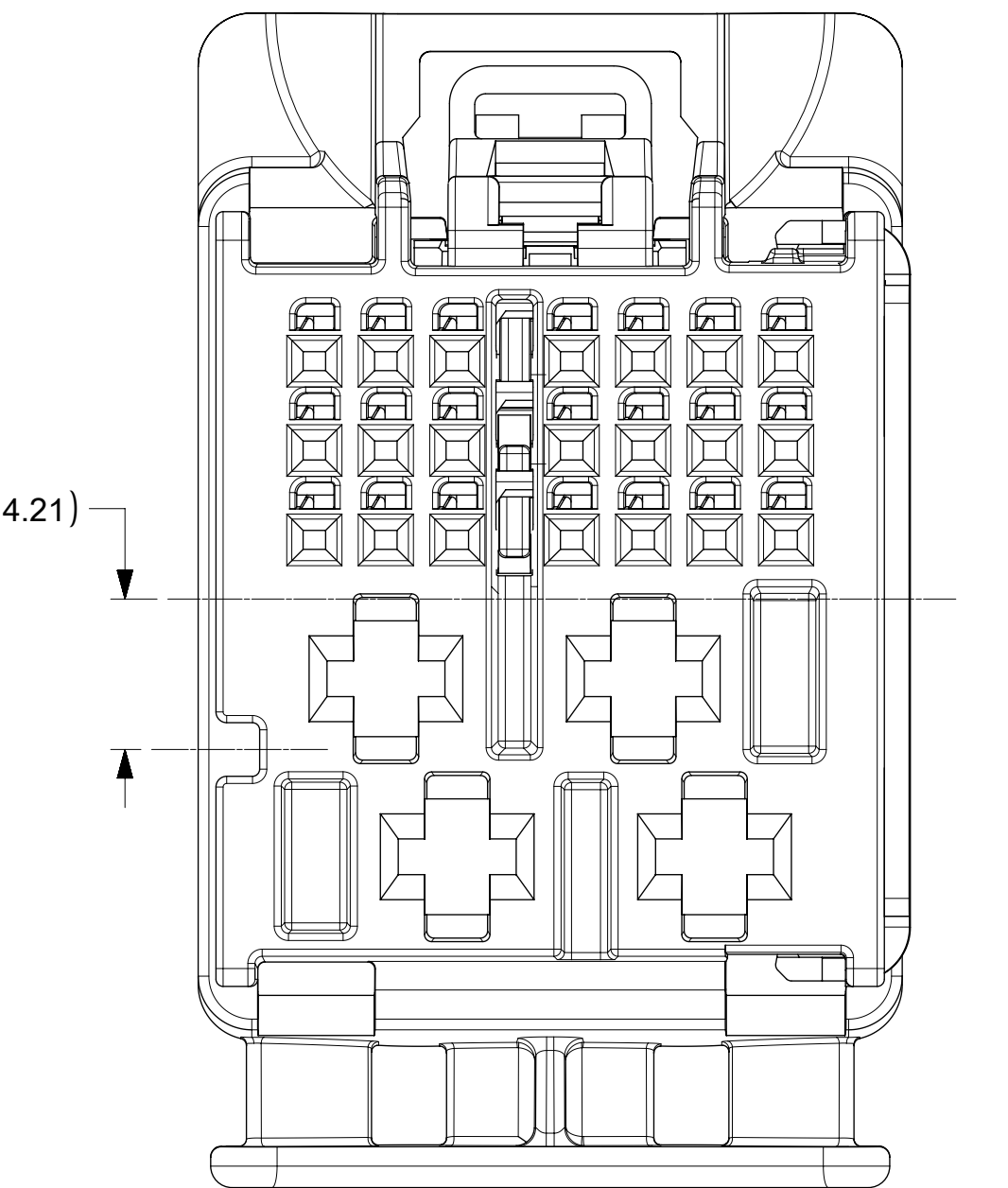
PART NUMBER	PLATING	SUPPLIER	WIRE GAGE (mm2)	TERMINAL FAMILY	WIRE SPECIFICATION
200096-0101	TIN PLATING	MOLEX	0.35	TAK FAMILY (0.5 mm)	VW 60306 OR GMW 15626 (SEE APPLICATION SPECIFICATION FOR MORE DETAILS)
200096-0201	TIN PLATING	MOLEX	0.13	TAK FAMILY (0.5 mm)	
2272196-2	TIN PLATING	TE	0.35	Generation 50 Locking Lance (0.5mm)	SAE/ J1128 THIN WALL INSULATION
2272196-1	TIN PLATING	TE	0.13	Generation 50 Locking Lance (0.5mm)	
1-968851-1	TIN PLATING	TE	1.0 - 2.5	AMP MCP 2.8	GMW 15626 INSULATION TYPE FLR (REGULAR THIN WALL)
1-968849-1	TIN PLATING	TE	0.5 - 1.0	AMP MCP 2.8	
15457849	TIN PLATING	DELPHI	1.5 - 2.5	CTS 2.8mm	
15457848	TIN PLATING	DELPHI	0.5 - 1.0	CTS 2.8mm	



25WAY CONNECTOR ASSEMBLY KEY 2 & KEY 6



25WAY CONNECTOR ASSEMBLY KEY 3 & KEY 7



25WAY 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:

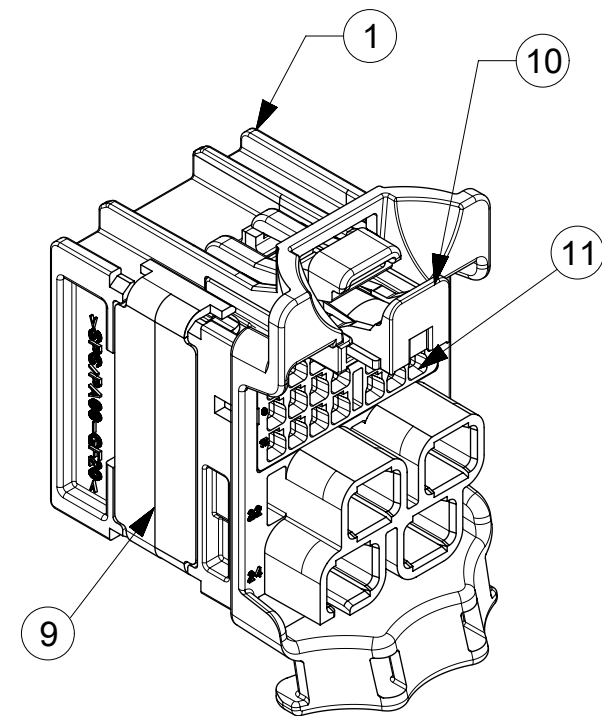
- a. ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
 - b. PRODUCT DESIGN MODEL NUMBER(S): SEE BOM TABLE
 - c. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
 - d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - e. CORNERS SHOWN AS SHARP 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:

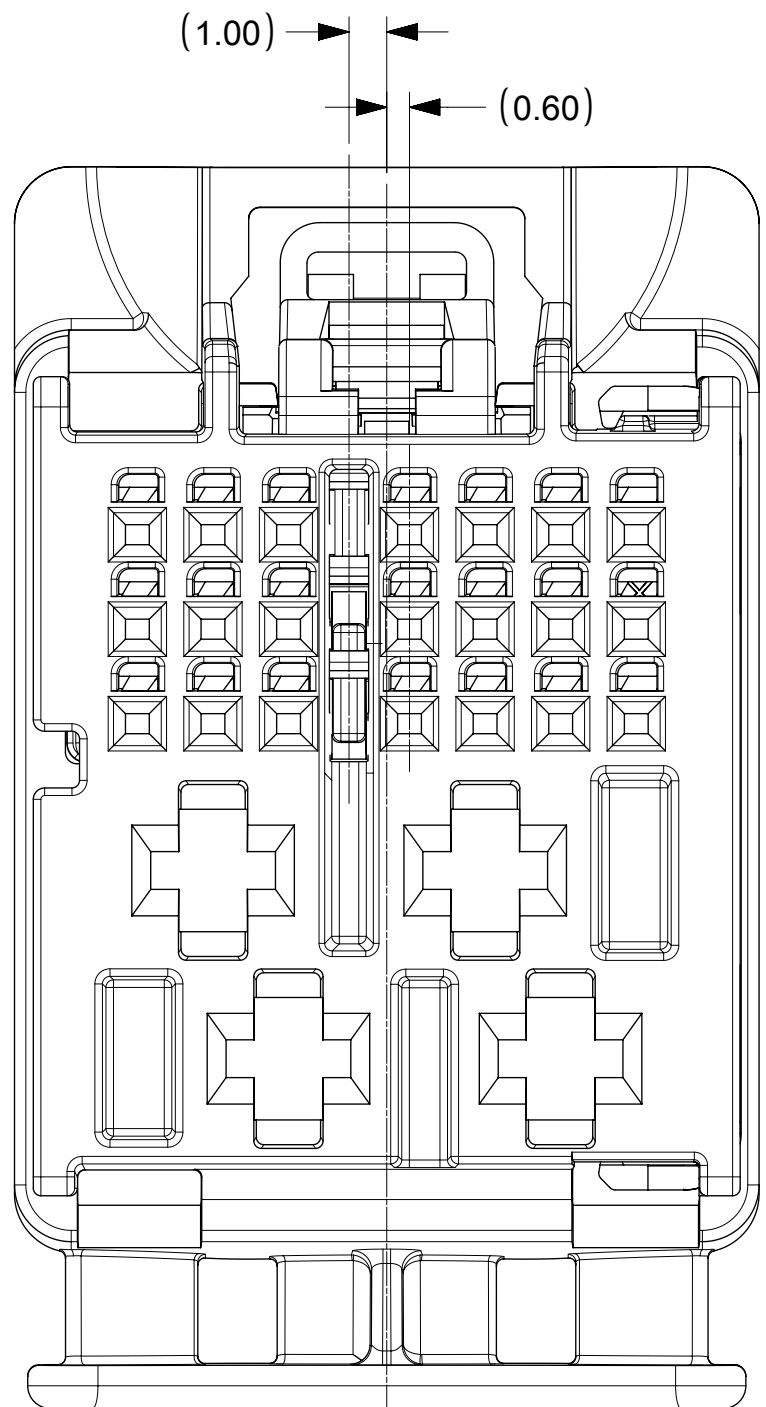
- a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)

MOLEX ASSEMBLY PART NO.'S		
	1600270001	KEY 1
	1600270002	KEY 2
	1600270003	KEY 3
	1600270004	KEY 4
	1600270005	KEY 5
	1600270006	KEY 6
	1600270007	KEY 7
	1600270008	KEY 8

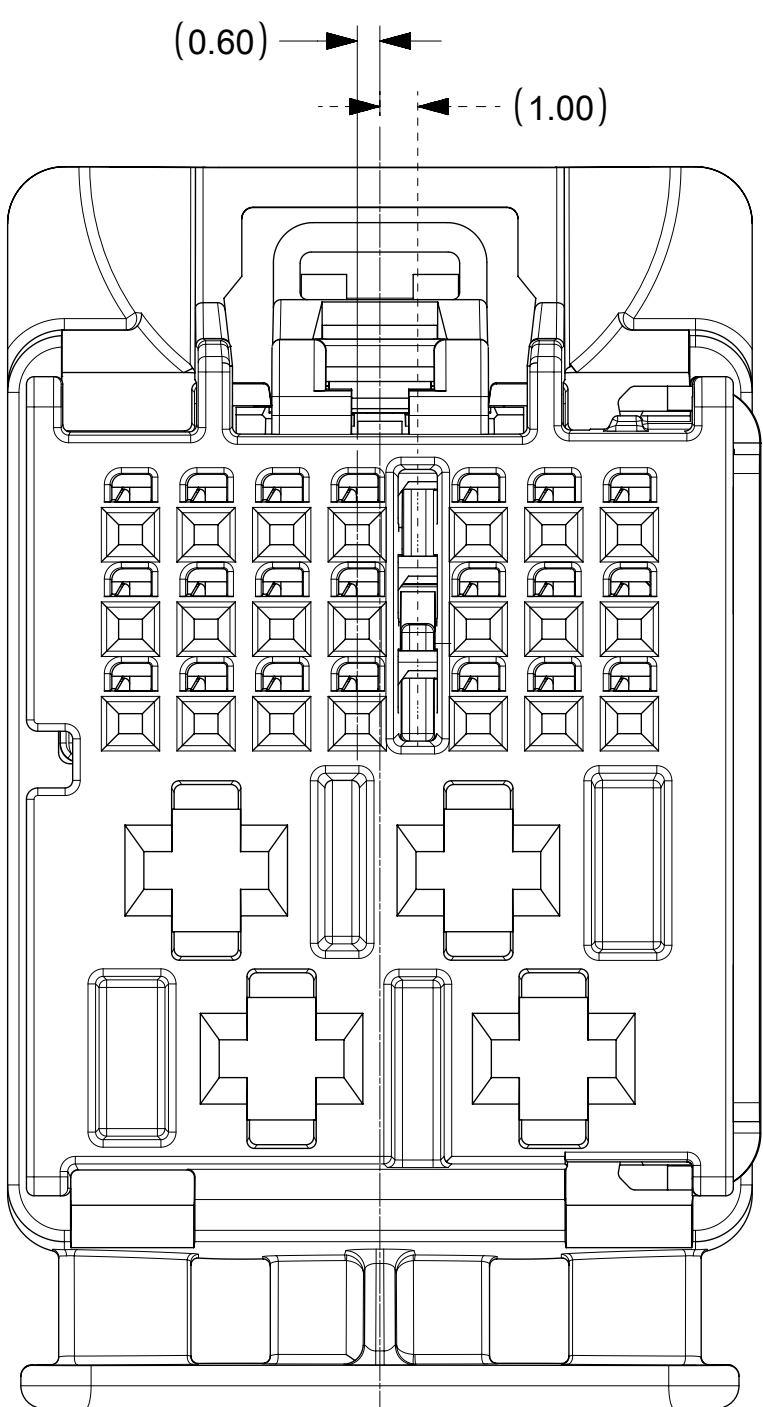
ITEM	DESCRIPTION	COLOR	RECYCLING CODE	WEIGHT (GRAMS)	RIB OPTION	NO OF ITEMS REQUIRED											
						1	2	3	4	5	6	7	8	9	10	11	12
1	OUTER SHROUD - KEY 1	LIGHT GREEN B	SPS/PA66-GF20	4.1	A	1											
2	OUTER SHROUD - KEY 2	STONE GRAY	SPS/PA66-GF20	4.1	A		1										
3	OUTER SHROUD - KEY 3	BLACK	SPS/PA66-GF20	4.1	A			1									
4	OUTER SHROUD - KEY 4	DARK GRAY	SPS/PA66-GF20	4.1	A				1								
5	OUTER SHROUD - KEY 5	DK PURPLE A	SPS/PA66-GF20	4.1	B						1						
6	OUTER SHROUD - KEY 6	TBD	SPS/PA66-GF20	4.1	B								1				
7	OUTER SHROUD - KEY 7	TBD	SPS/PA66-GF20	4.1	B									1			
8	OUTER SHROUD - KEY 8	LT GRAY	SPS/PA66-GF20	4.1	B												1
9	ISL	NATURAL	SPS-GF30	0.37	N/A	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
11	INNER HOUSING	STONE GRAY	SPS/PA66-GF20	1.04	N/A	1	1	1	1								
12	INNER HOUSING	STONE GRAY	SPS/PA66-GF20	1.04	N/A								1	1	1	1	1



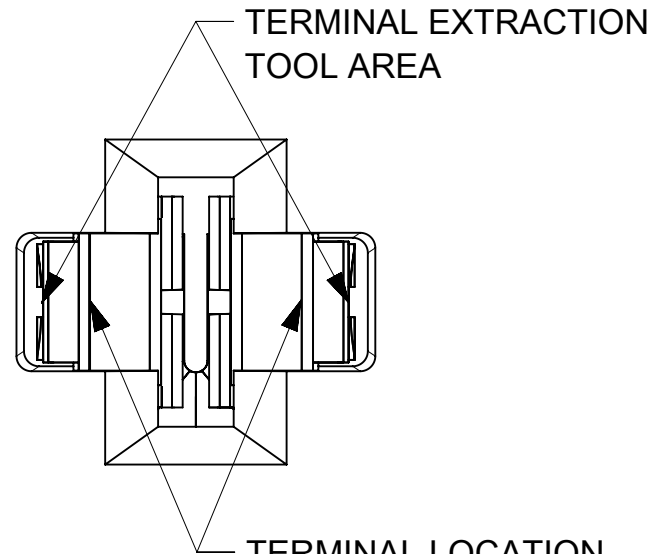
RIB OPTION A



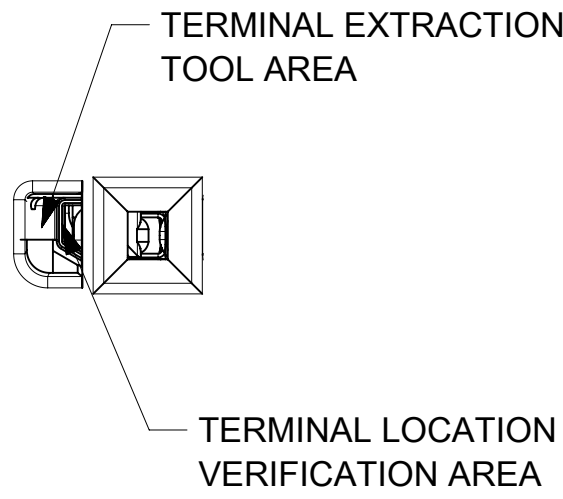
RIB OPTION B



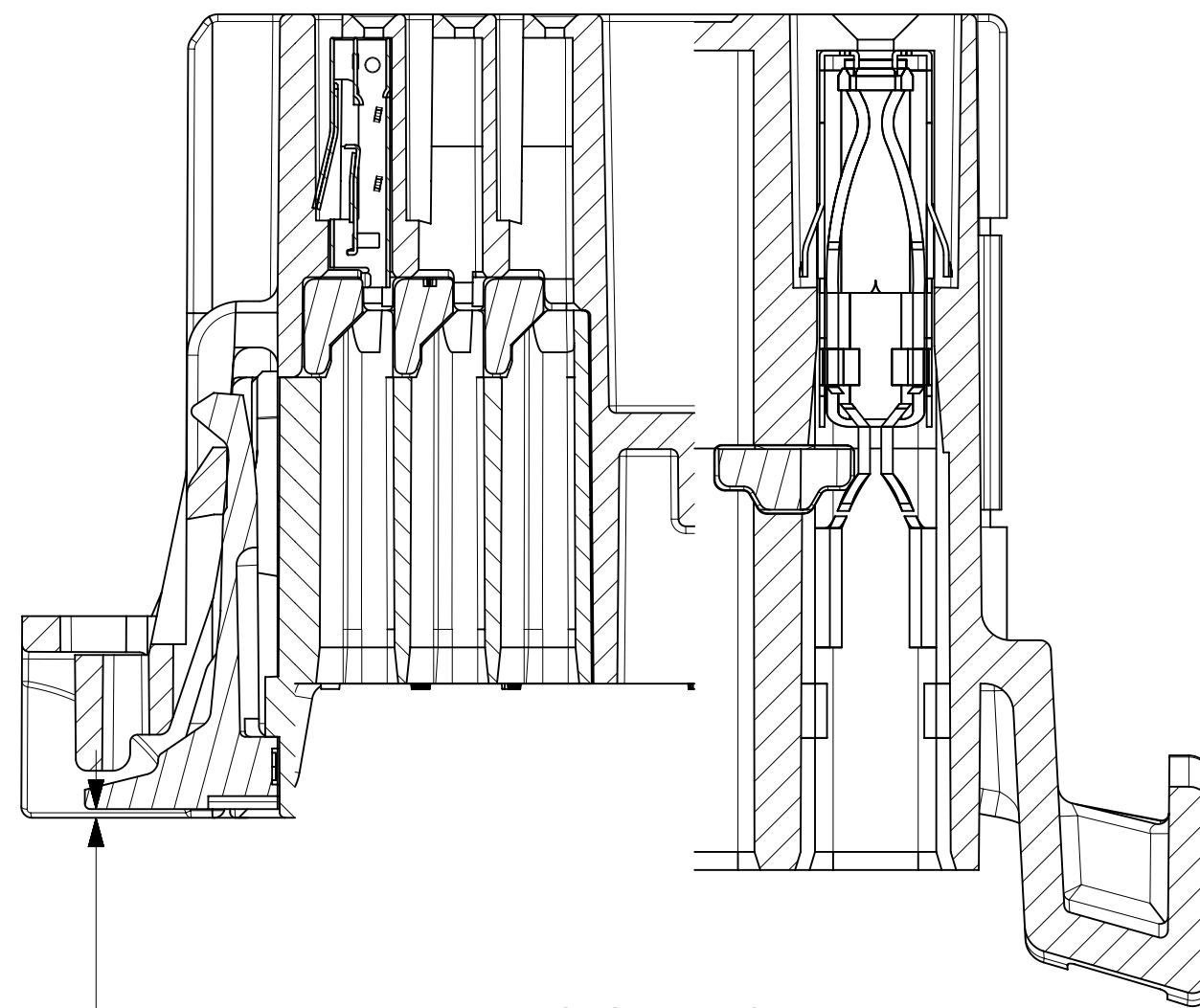
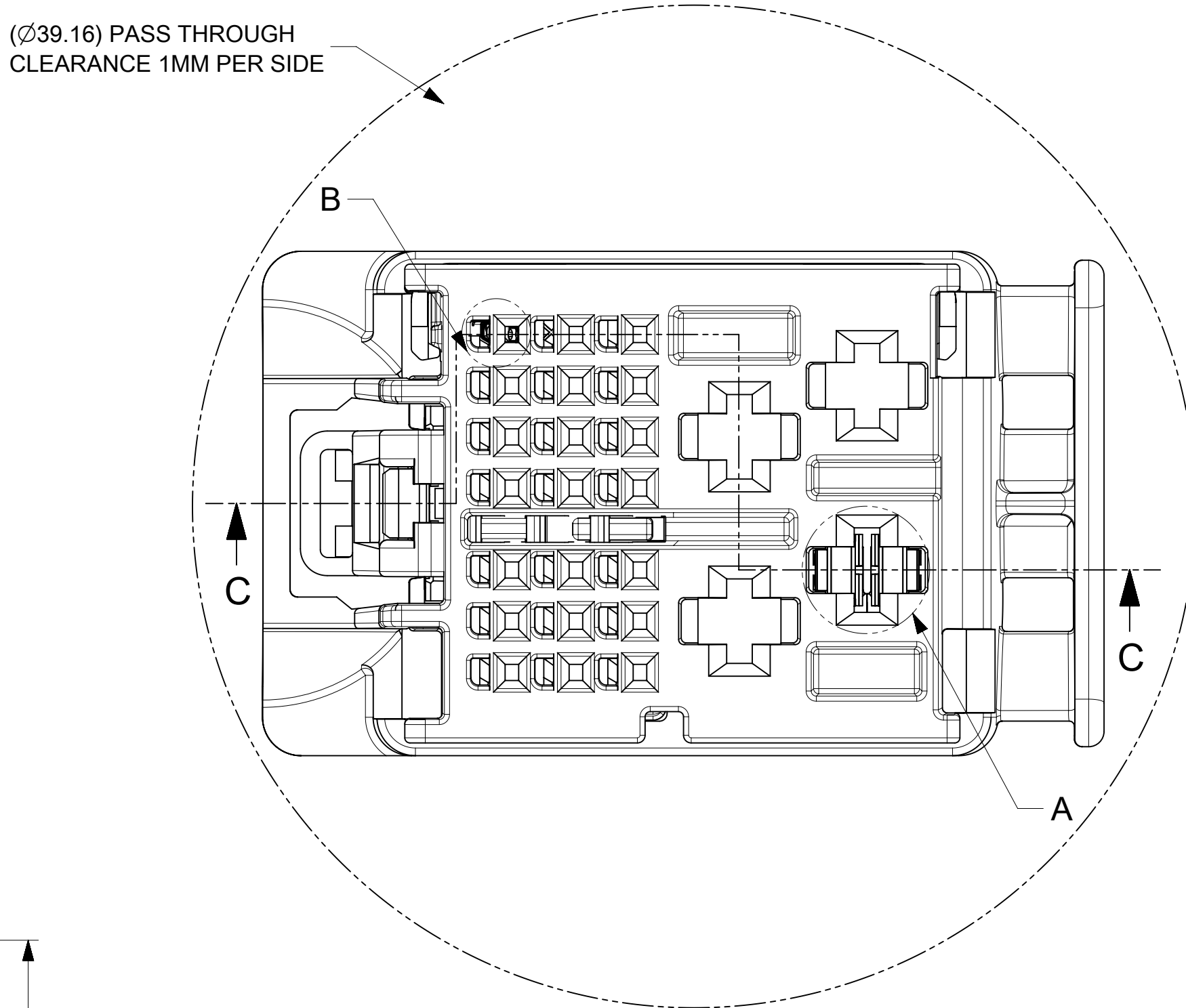
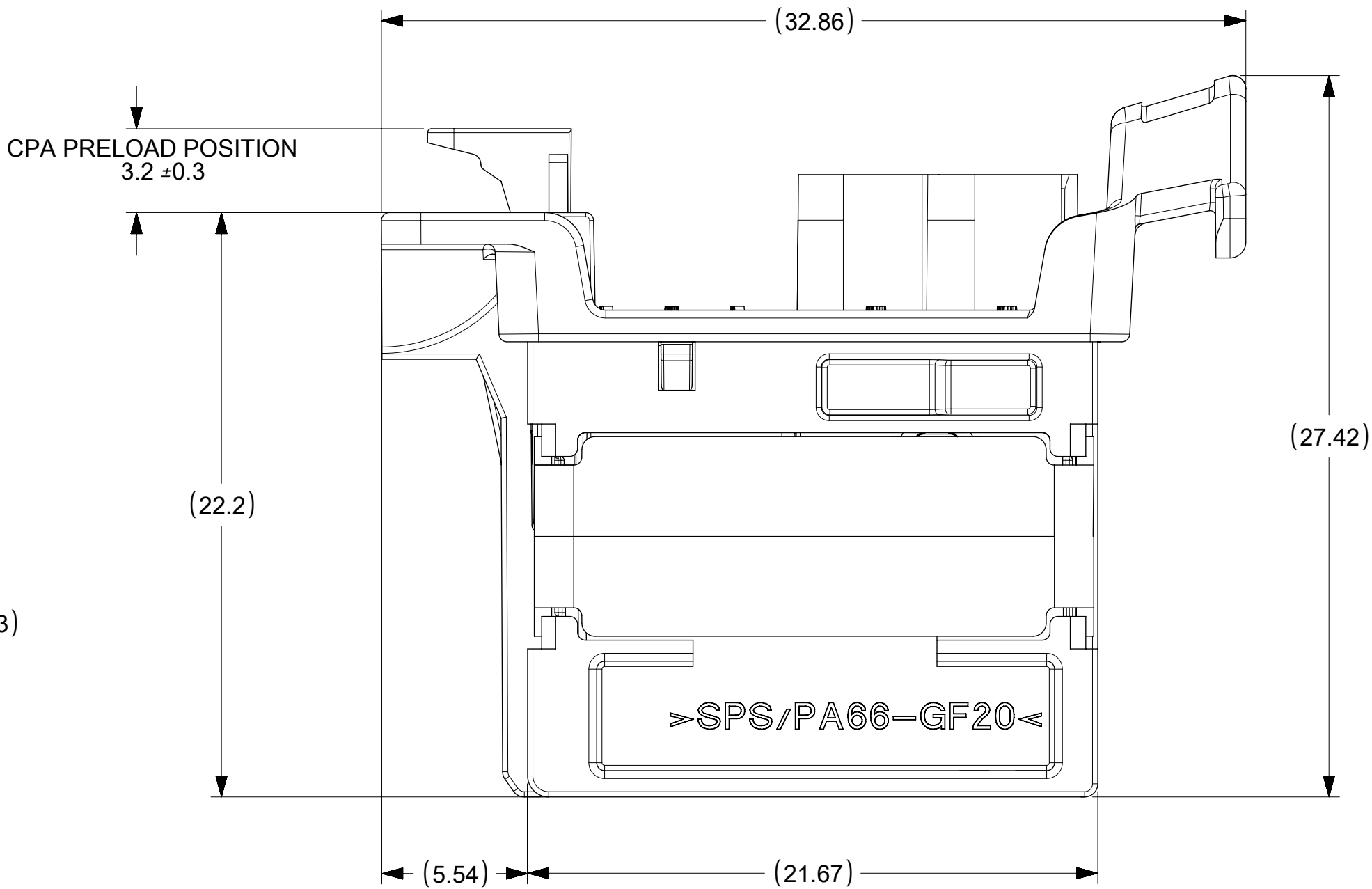
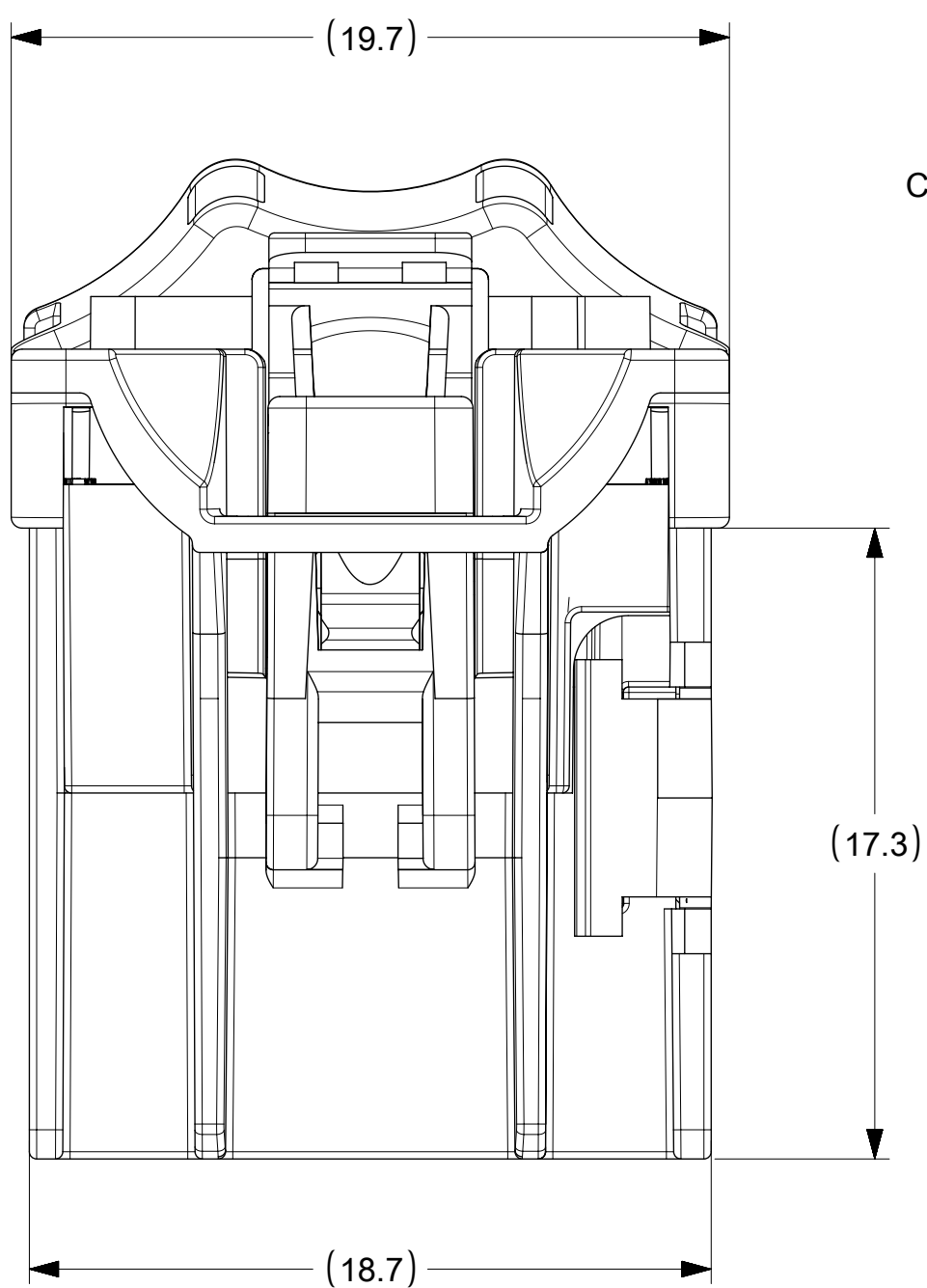
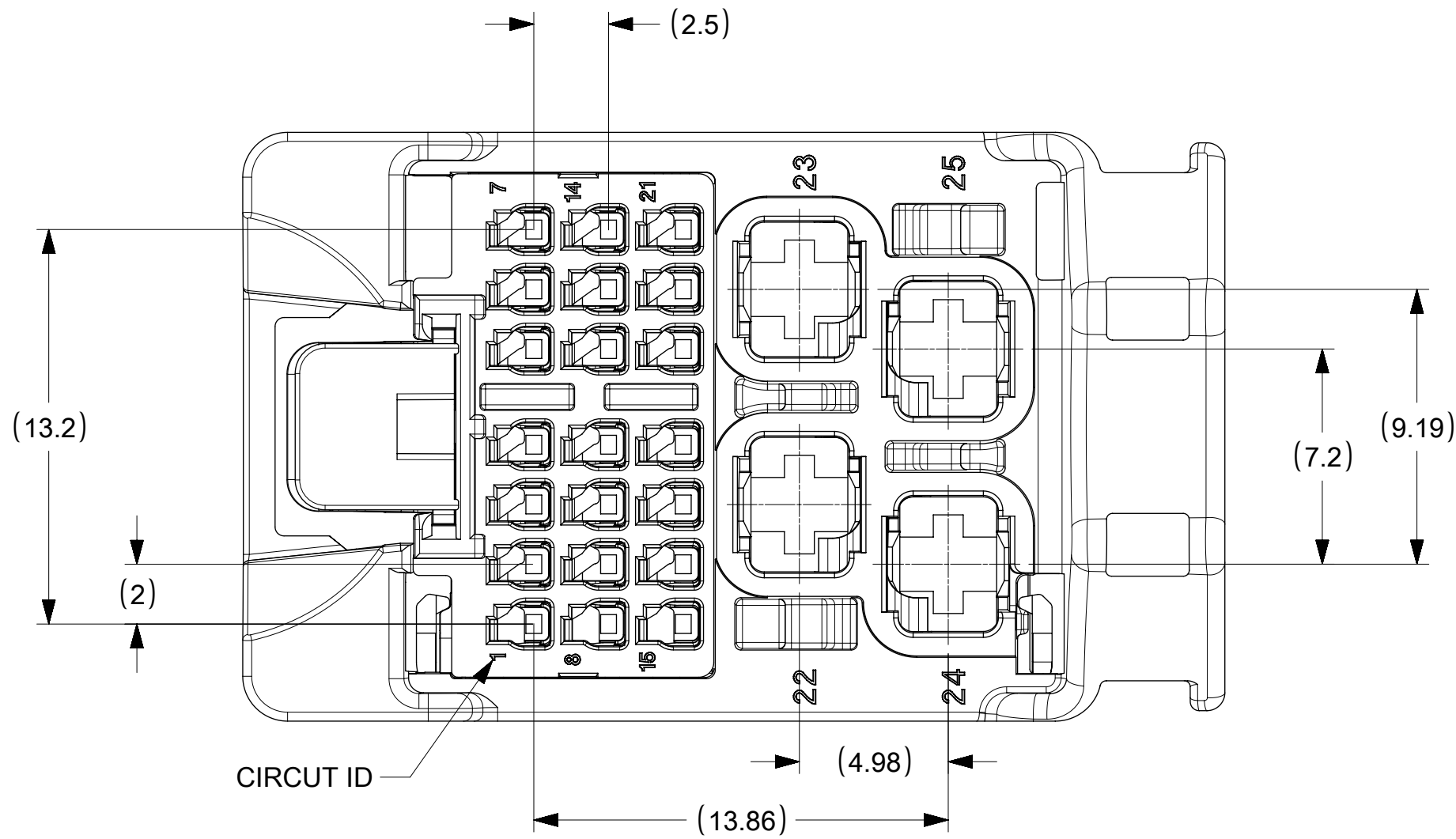
SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED 2.8 CAVITY VIEWS ON SHEET 2				molex					
mm													
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 176550 DRWN: JCONDON 2018/05/18 CHK'D: JCONDON 2018/07/26 APPR: JCONDON 2018/07/26				25WAY STAK50H HYBRID CONNECTOR ASSEMBLY							
ANGULAR TOL ± 3.0°													
4 PLACES ±		INITIAL REVISION: DRWN: VYARAPPA 2017/02/01 APPR: KDEKOSKI 2017/03/23				DOCUMENT NUMBER SD-160027-0001		DOC TYPE PSD		DOC PART 000		REVISION B1	
3 PLACES ±													
2 PLACES ± 0.3													
1 PLACE ± 0.3		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NUMBER		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 2			
0 PLACES ± 0.3													
THIRD ANGLE PROJECTION		DRAWING		SERIES		GENERAL MARKET		1 OF 2					
		D-SIZE		160027									



DETAIL A
SCALE 10:1

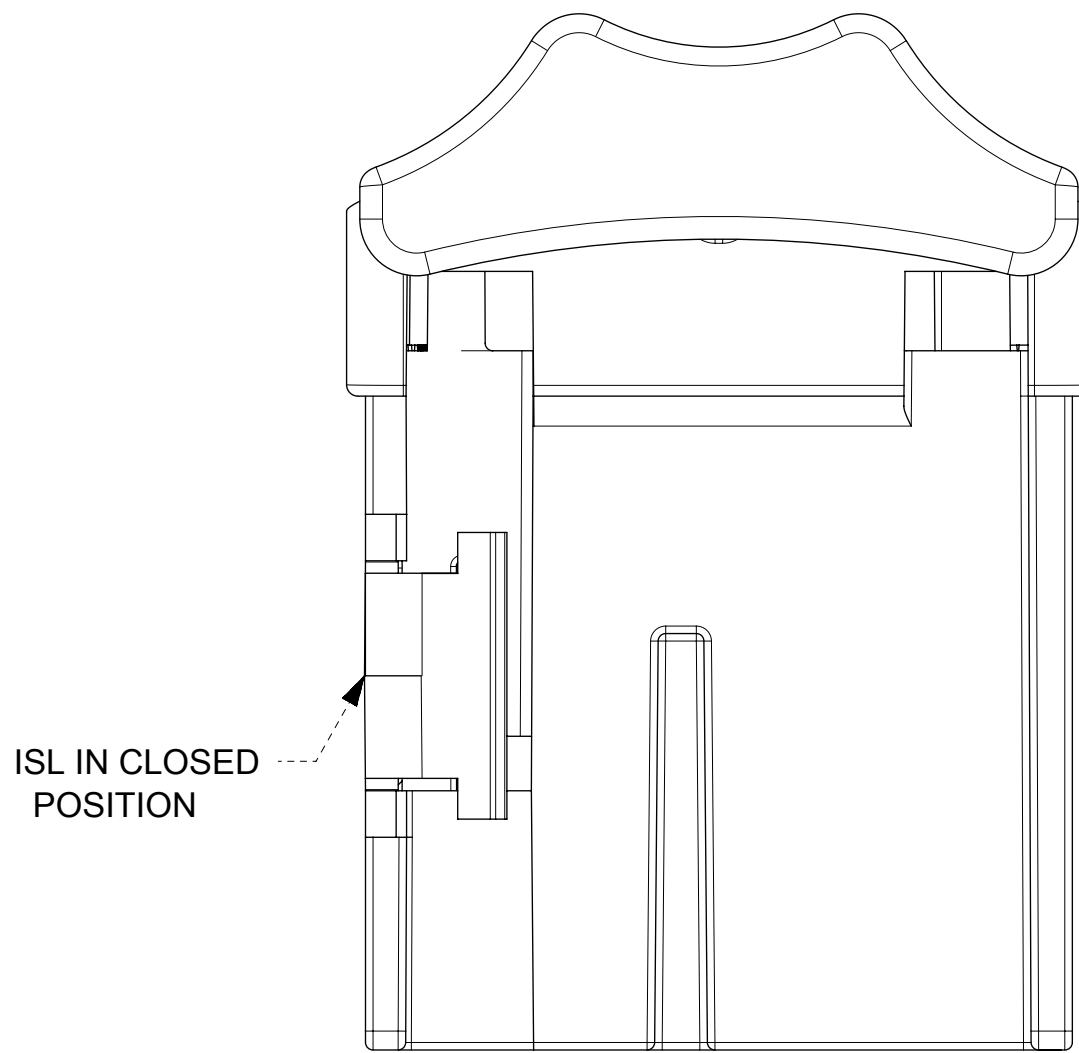
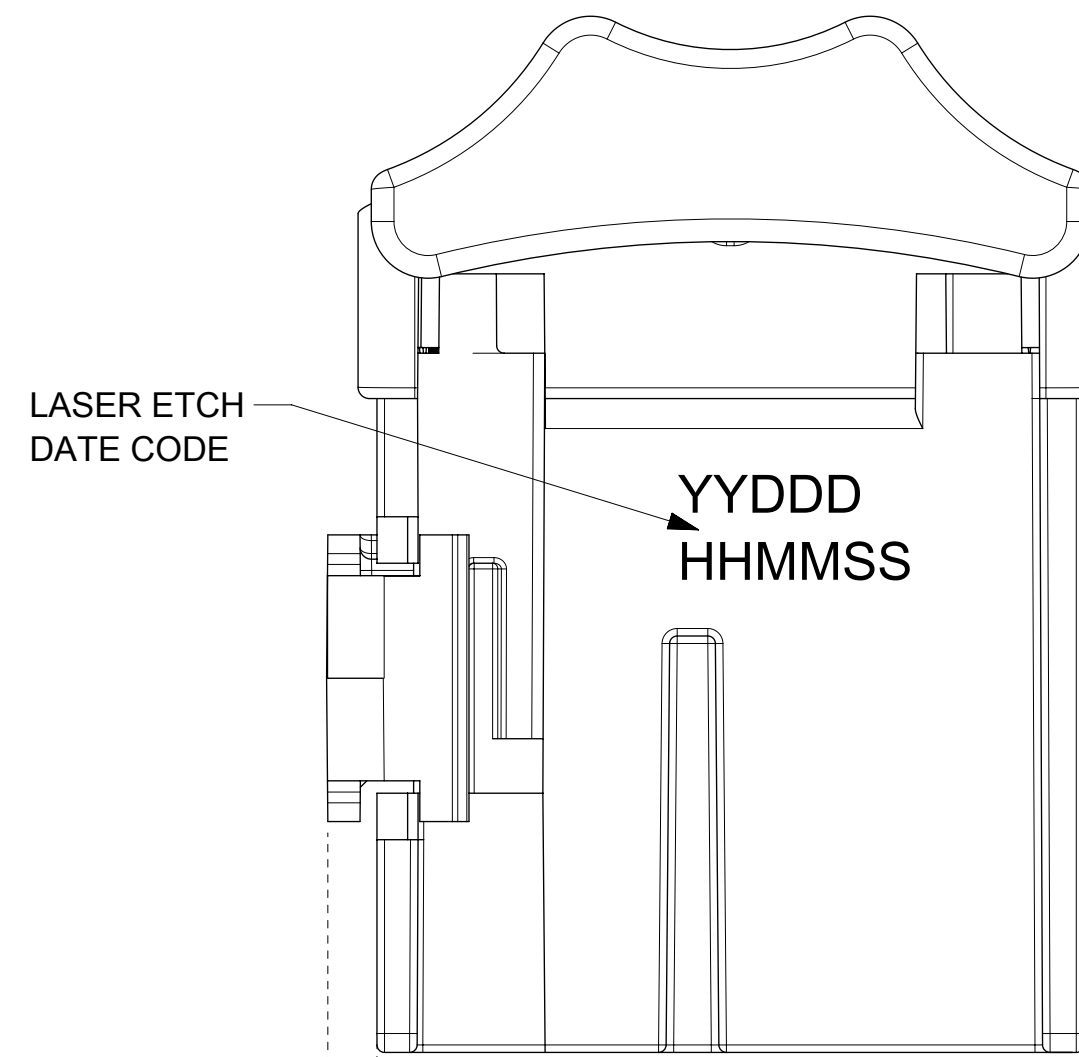


DETAIL B
SCALE 10:1



CPA FINAL POSITION
(0.24)
RECESSED

TERMINALS, ISL, AND CPA
SHOWN IN CLOSED POSITION
SECTION C-C



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: UPDATED 2.8 CAVITY VIEWS ON SHEET 2				molex 25WAY STAK50H HYBRID CONNECTOR ASSEMBLY					
	= 0	mm		EC NO: 176550 DRWN: JCONDON 2018/05/18 CHK'D: JCONDON 2018/07/26 APPR: JCONDON 2018/07/26									
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)											
	= 0	ANGULAR TOL ± 3.0 °											
	= 0	4 PLACES ±											
	= 0	3 PLACES ±		INITIAL REVISION: DRWN: VYARAPPA 2017/02/01 APPR: KDEKOSKI 2017/03/23				PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-160027-0001 DRAWING D-SIZE 160027 SHEET NUMBER 2 OF 2					
	= 0	2 PLACES ± 0.3											
	= 0	1 PLACE ± 0.3											
	= 0	0 PLACES ± 0.3		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				D-COUNT 000					
	= 0	THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		D-COUNT 000	
	= 0					160027		GENERAL MARKET		D-COUNT 000		D-COUNT 000	

molex

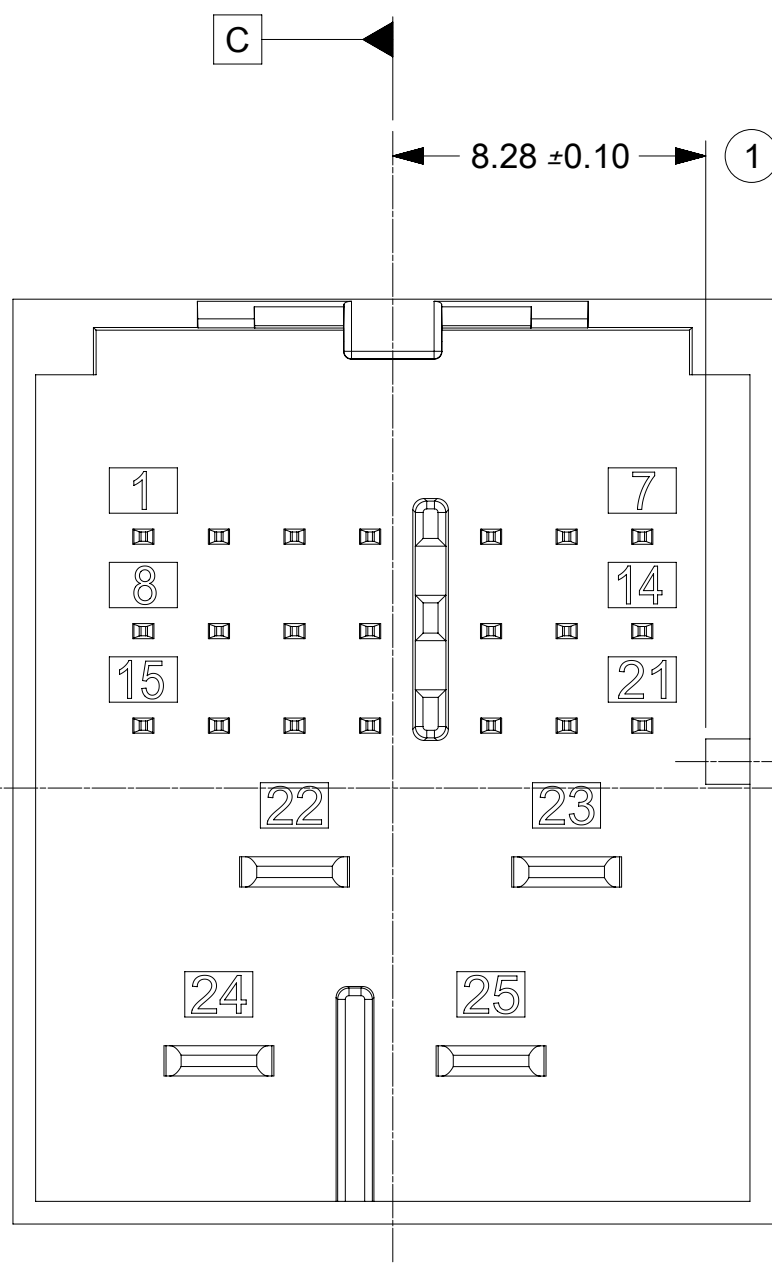
25WAY STAK50H HYBRID
CONNECTOR ASSEMBLY

PRODUCT CUSTOMER DRAWING

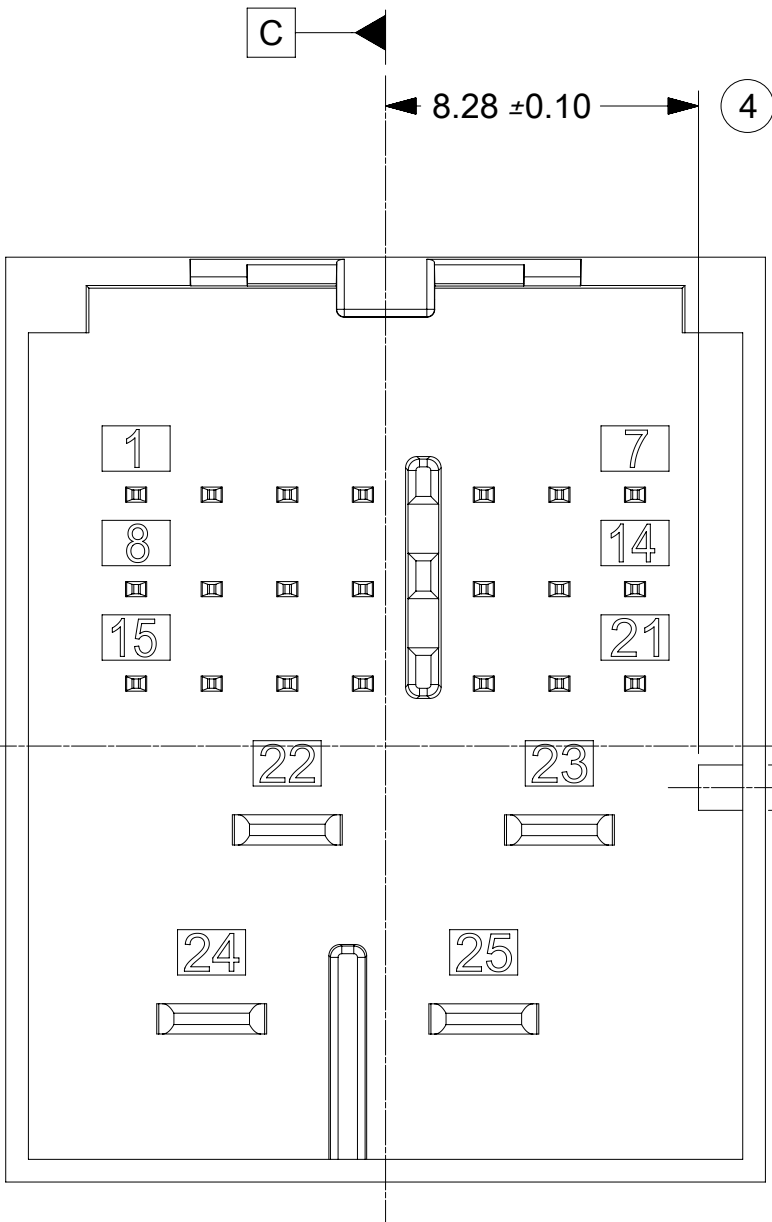
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-160027-0001	PSD	000	B1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	2 OF 2

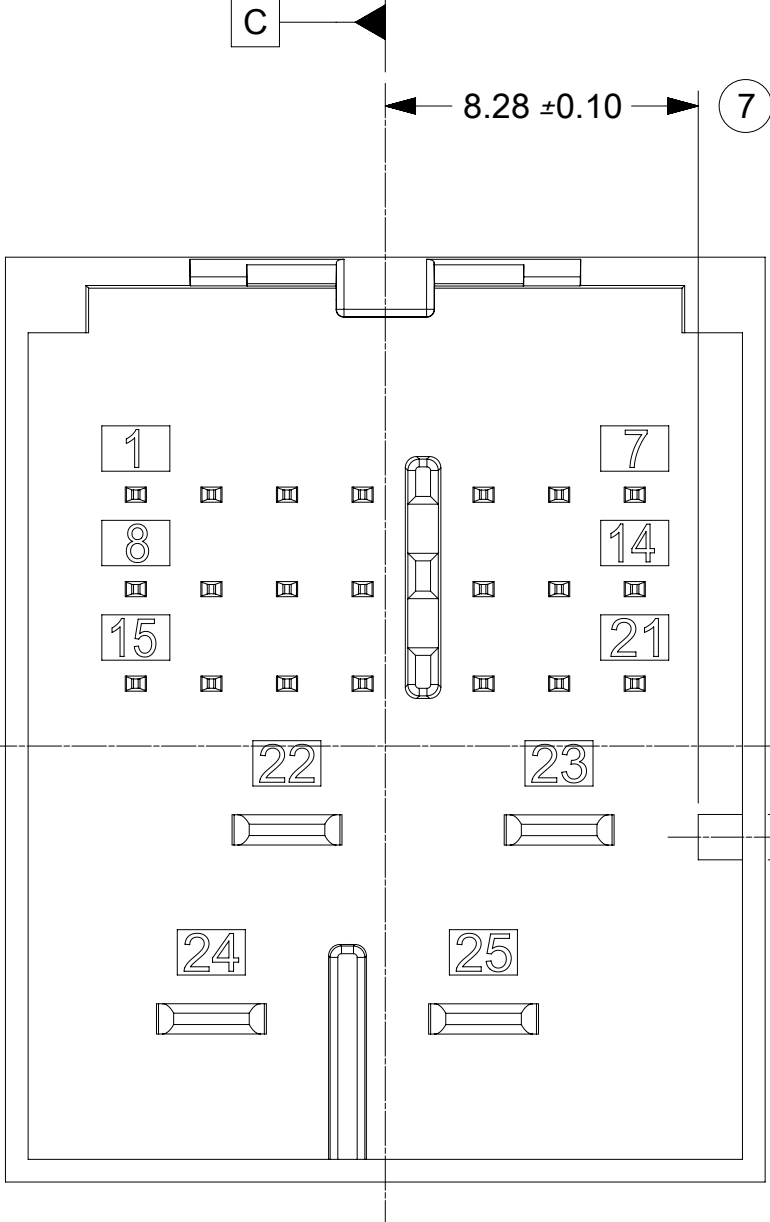
DOCUMENT STATUS	P1	RELEASE DATE	2018/07/26	20:42:14
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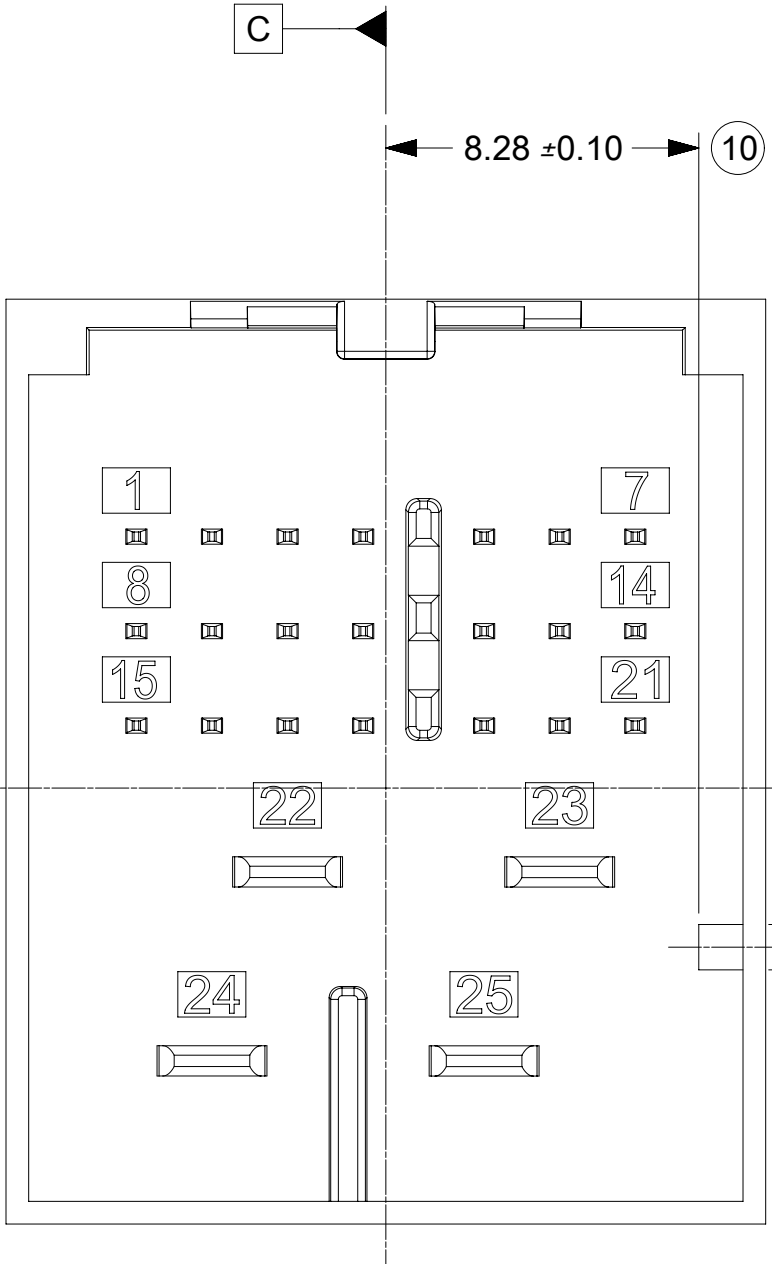
INTERFACE KEY 1 & KEY 5



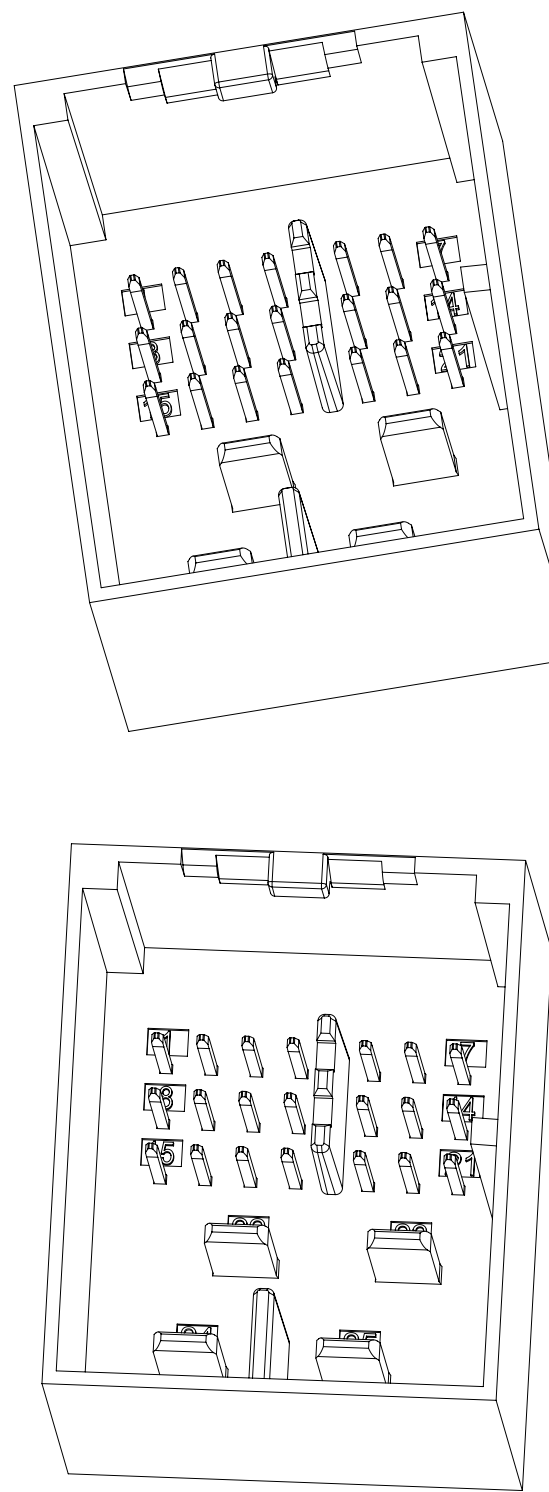
INTERFACE KEY 2 & KEY 6



INTERFACE KEY 3 & KEY 7



INTERFACE KEY 4 & KEY 8



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

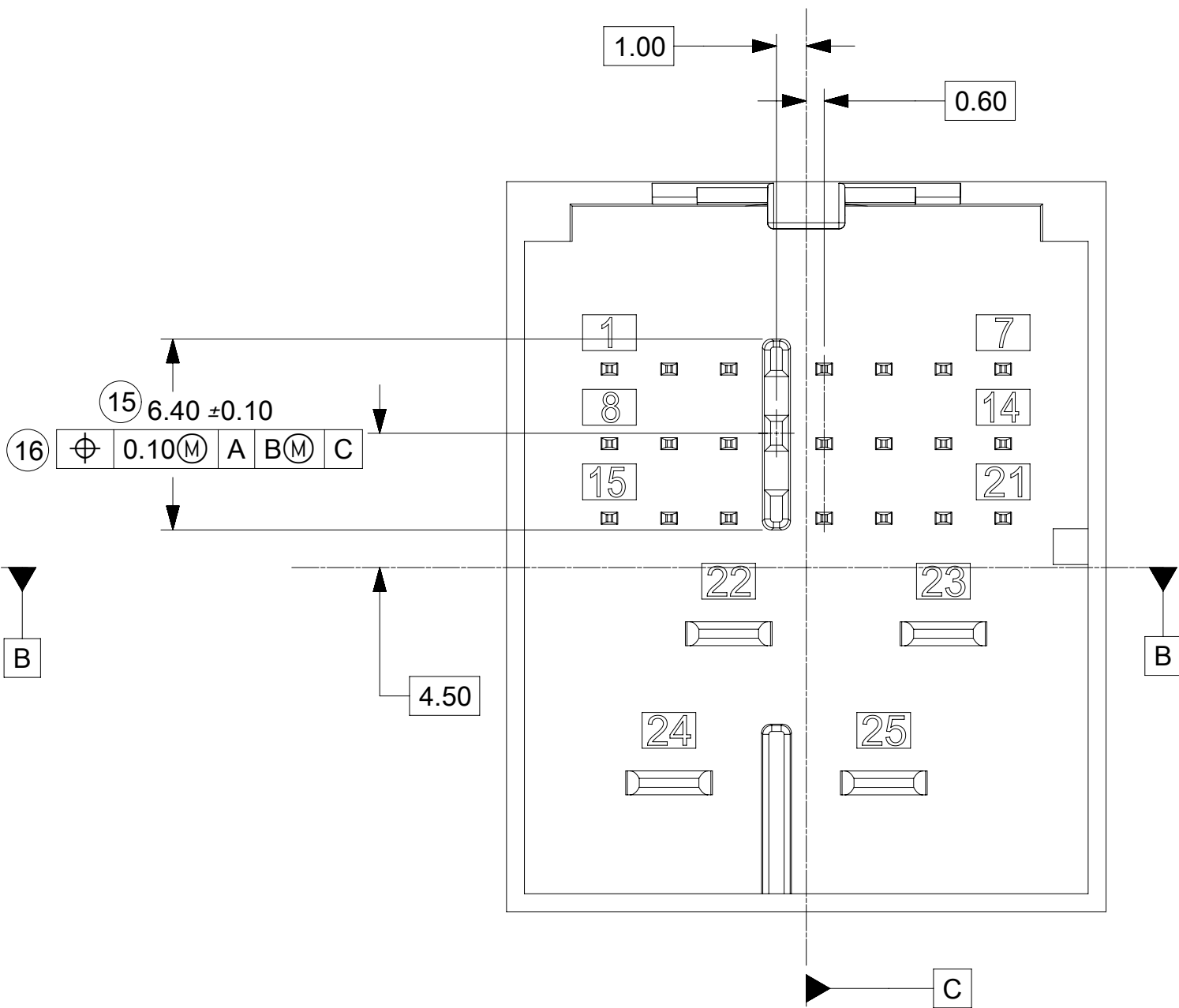
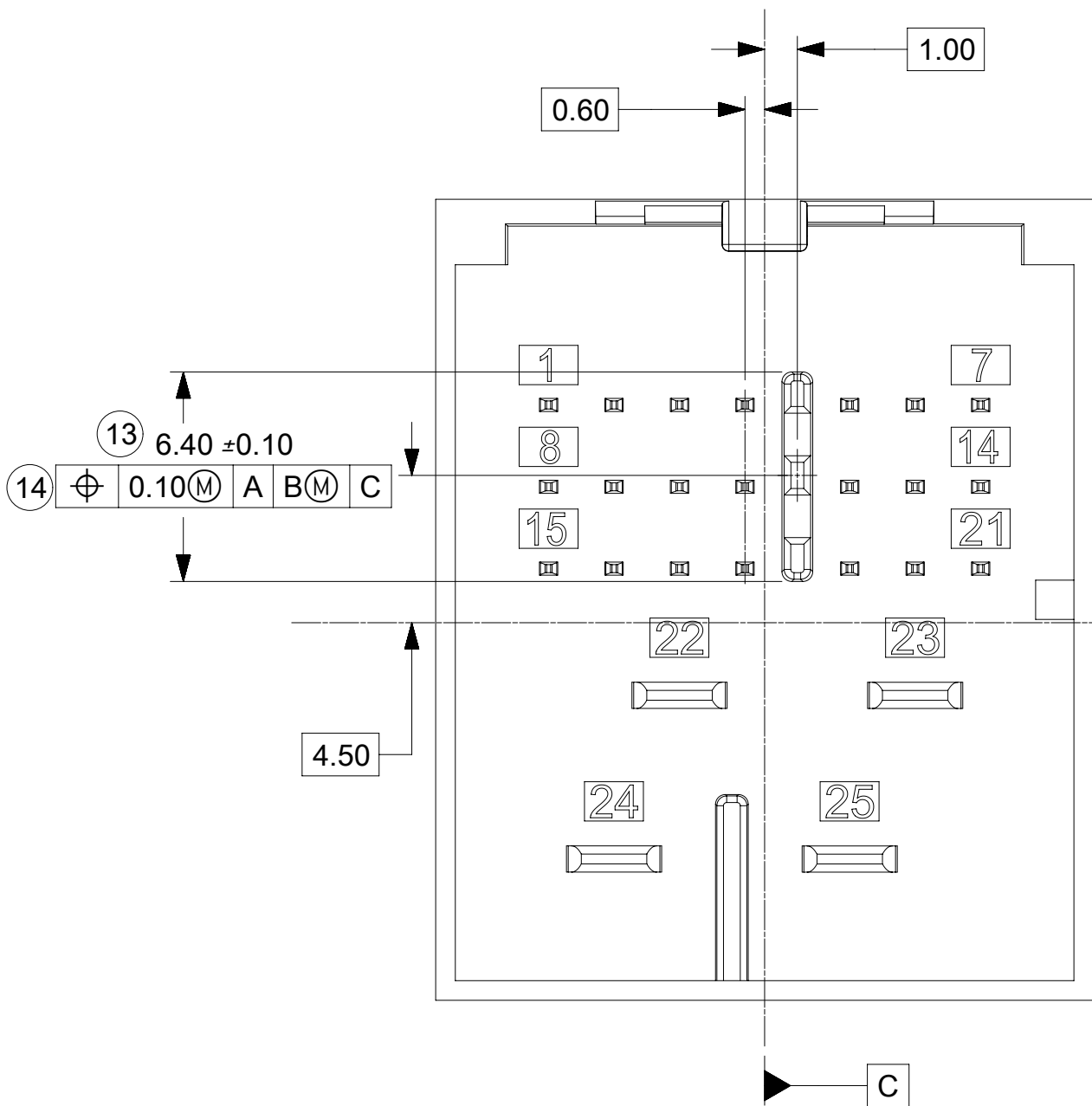
NOTES:VALID UNLESS OTHERWISE SPECIFIED

1. DESIGN - MATERIALS:
- a. RESIN MATERIAL : PBT+GF30 OR SPS+GF30 OR EQUIVALENT
 - b. PIN/BLADE MATERIAL : ACCORDING TO USCAR DRAWING EWCAP-001 NOTE B2
 - c. PLATING: ACCORDING TO USCAR DRAWING EWCAP-001 TIN REFLOW WITH UNDERPLATE
 - d. PIN TIPS ACCORDING TO USCAR DRAWING EWCAP-001 (050-T001 & 280-T001)
 - e. DEVIATION TO EWCAP-001 ACCEPTABLE IF PERFORMANCE (ELECTRICAL/MECHANICAL) IS SHOWN TO BE EQUAL OR BETTER AS REQUIRED BY VALIDATION TESTING.
 - Ⓒ 1. DEVIATION TO TIN PLATING THICKNESS AS NECESSARY TO MEET MATING FORCE AND ALL VALIDATION REQUIREMENTS
2. DRAWING - GEOMETRY:
- a. ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
 - b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009.
 - c. GENERAL TOLERANCES:
LINEAR : PER DIN 16901 LINEAR CODE B FOR PRECISION ENGINEERING
ANGULAR : ±3°
 - d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - e. CORNERS SHOW AS SHARP TO BE R 0.2 MAX.
 - f. LETTERS SHALL BE 0.2 MAX RAISED IN 0.25 MAX RECESSED PAD.
THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
3. DESIGN - MANUFACTURING:
- a. DRAFT TO BE WITHIN TOLERANCE.

C	ADDED 2.8MM BLADE LENGTH VARIANT FOR MATE FORCE REQUIREMENT ADDED NOTE 1.E.1 CHANGE RECORD: 626144 JPATE 10/22/2019
B1	ADDED BALLOONS JCONDON 08/02/2018
B	REMOVED 0.2MM FROM CONNECTOR LOCK TAB FEATURE
A2	ADDED CIRCUIT IDs
A1	ADDED NOTE 1e, MKOWALSKY 7/7/2017
8	GEOMETRY UPDATED , SPEMMARAJU 02/18/2016
7	UUAU2016-1146 SAP # 10681629 JCONDON 03/25/2015

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										
	DIMENSION UNITS		SCALE	CURRENT REV DESC: ADDED 2.8MM BLADE LENGTH VARIANT FOR MATE FORCE REQUIREMENT ADDED NOTE 1.E.1				molex 25WAY STAK50H INTERFACE DRAWING			
	mm										
				GENERAL TOLERANCES (UNLESS SPECIFIED)							
				ANGULAR TOL	±	°					
				4 PLACES			EC NO: 626144				
				3 PLACES			DRWN: JCONDON		2019/09/19		
				2 PLACES			CHK'D: DLANGOLF		2019/10/22		
				1 PLACE			APPR: JCONDON		2019/10/23		
				0 PLACES			INITIAL REVISION:				
							DRWN: SPEMMARAJU		2015/11/03		
							APPR: KDEKOSKI		2016/03/24		



*OPTION B IS THE PREFERRED CONSTRUCTION
FOR ALL NEW HEADERS



molex

25WAY STAK50H INTERFACE DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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SD-160027-002

PSD	000	C
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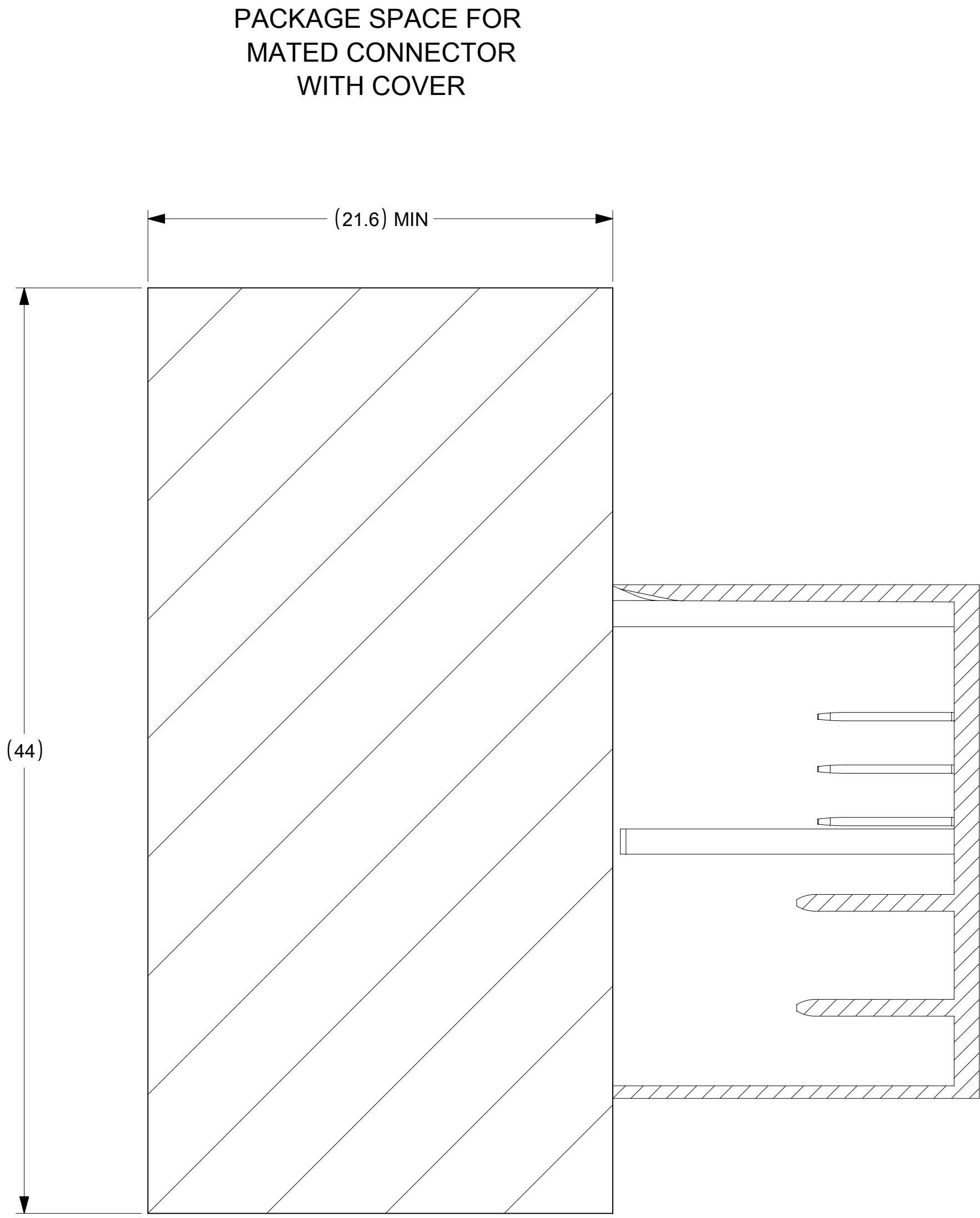
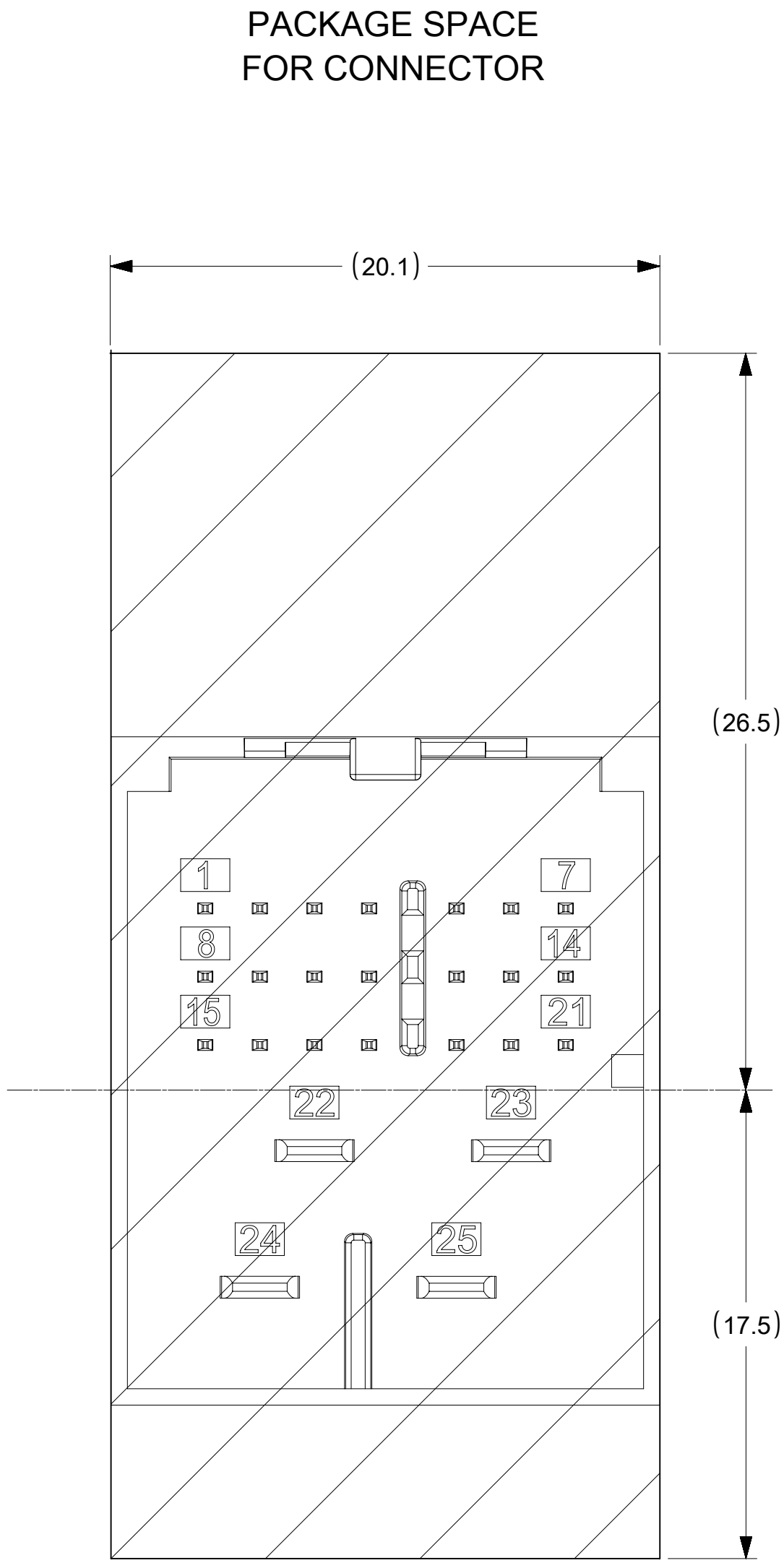
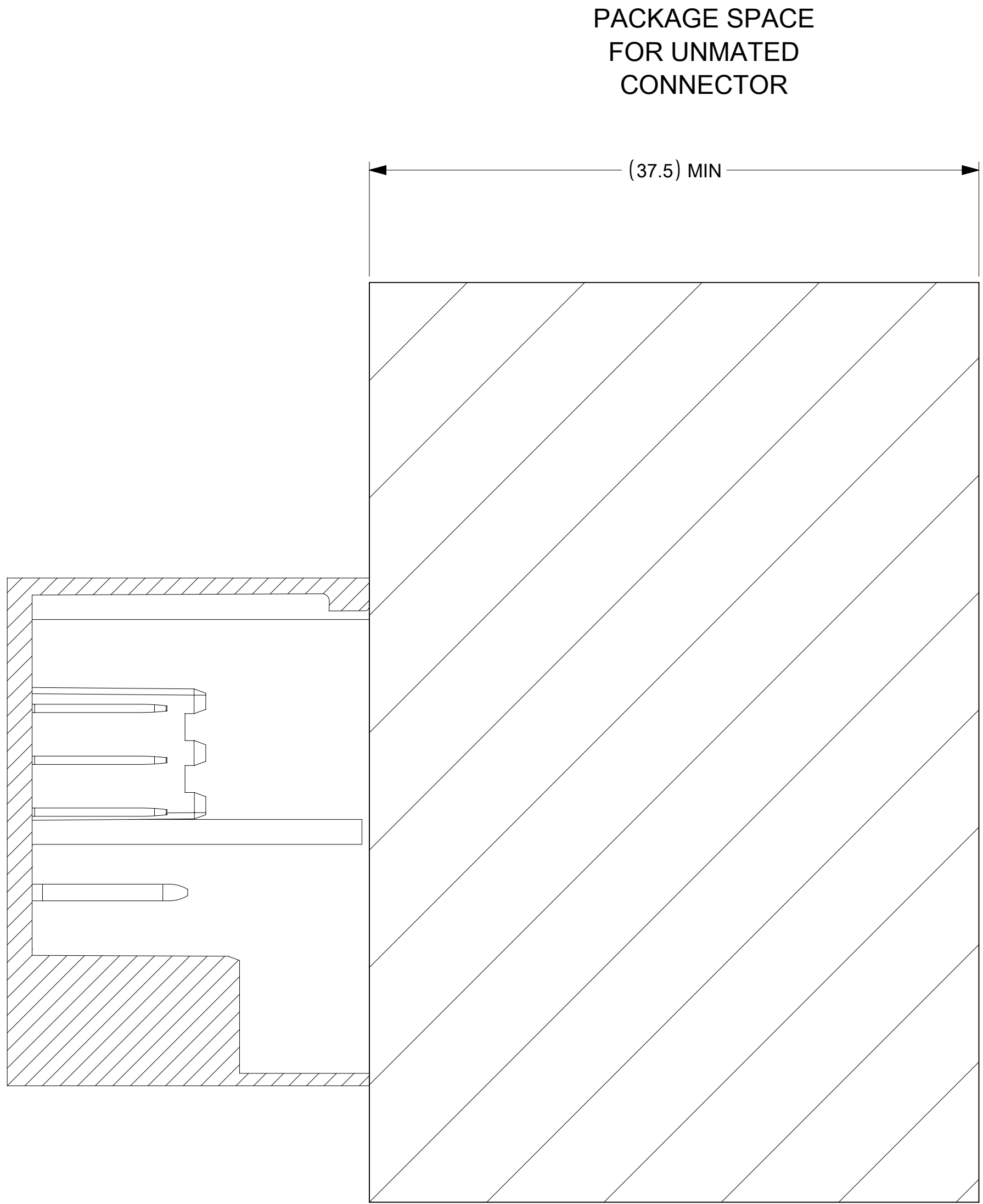
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
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GENERAL MARKET 2 OF 3

P1	RELEASE DATE	2019/10/23	15:15:03
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DRAWING	SERIES
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D-SIZE 160027



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

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А