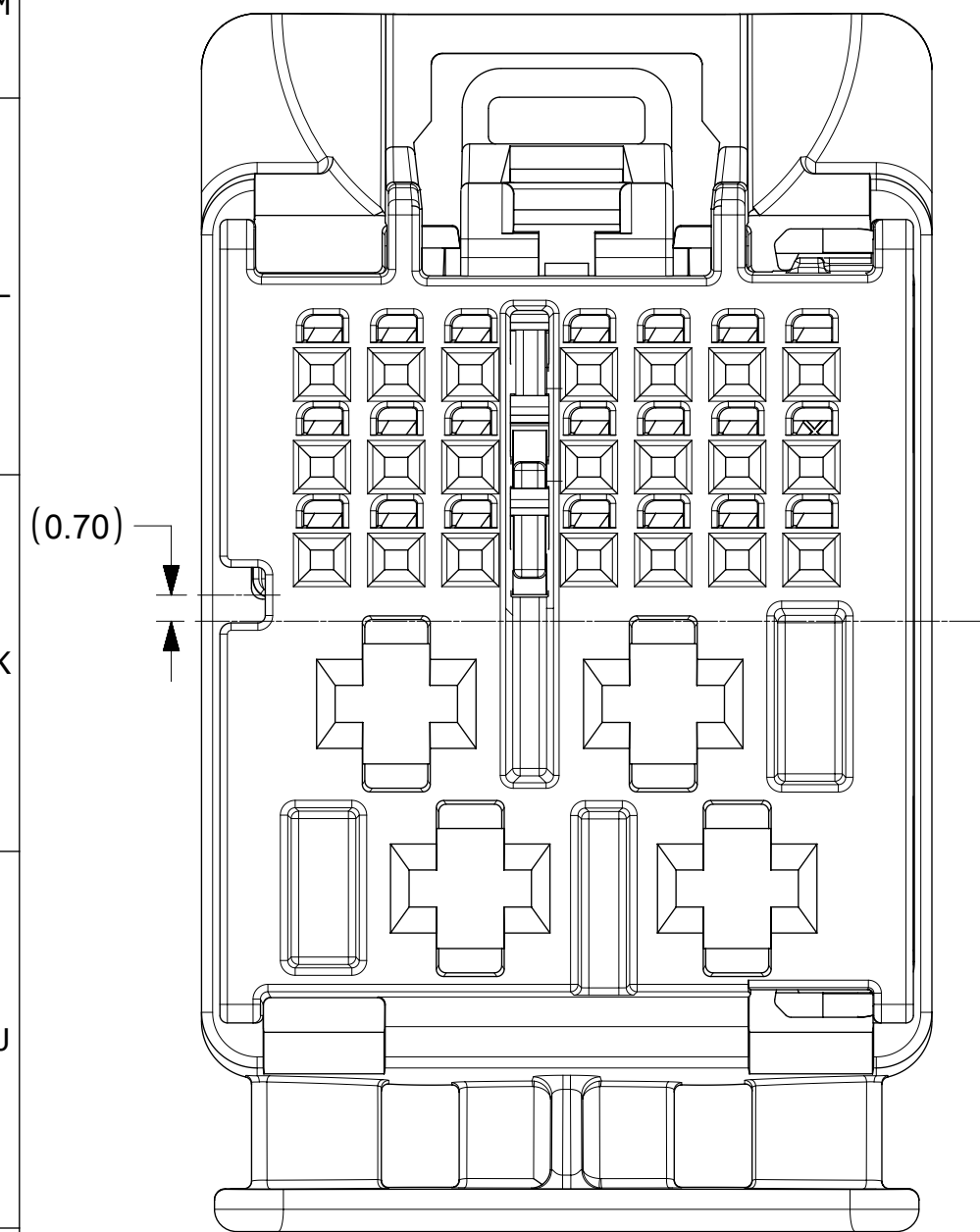
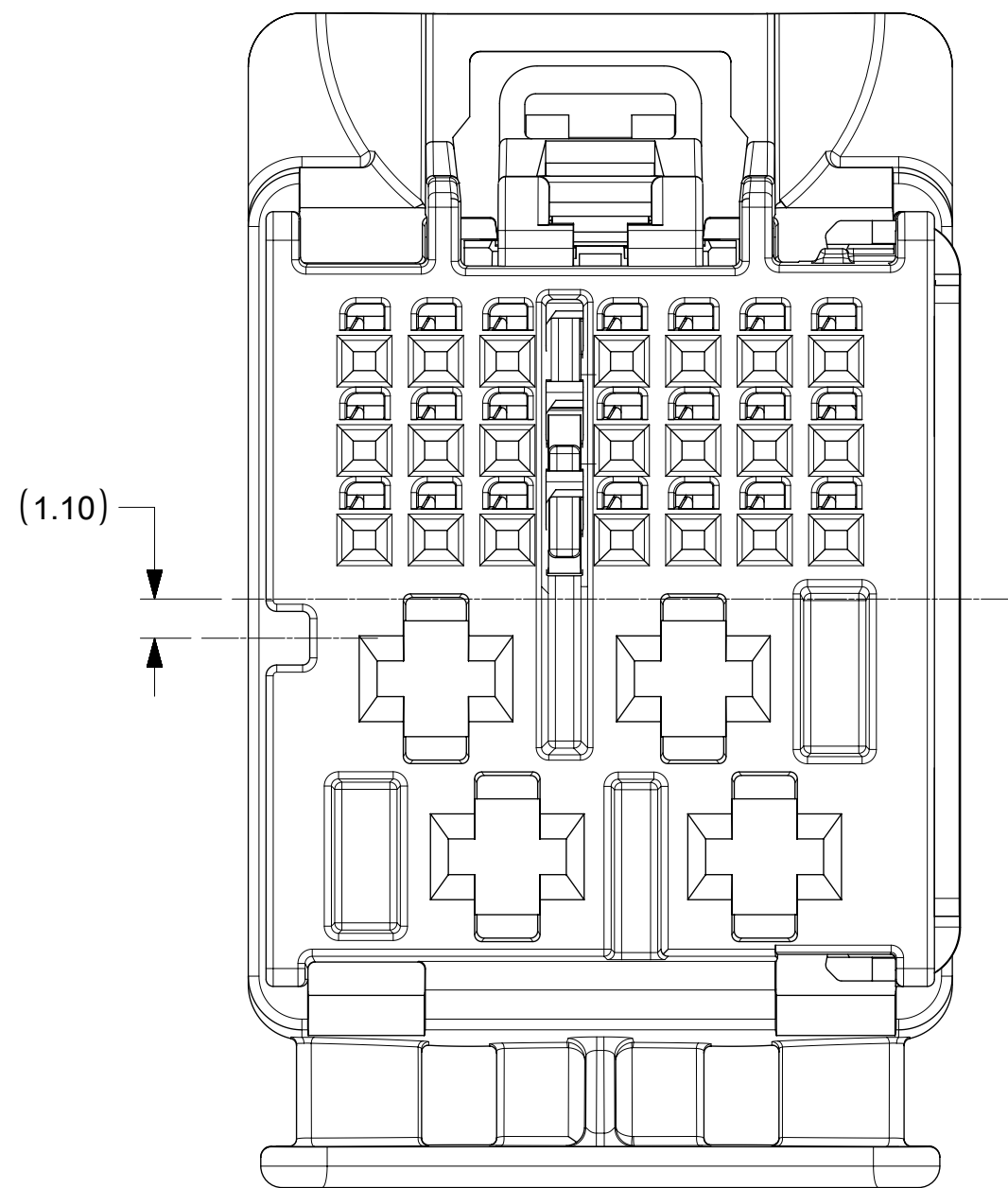


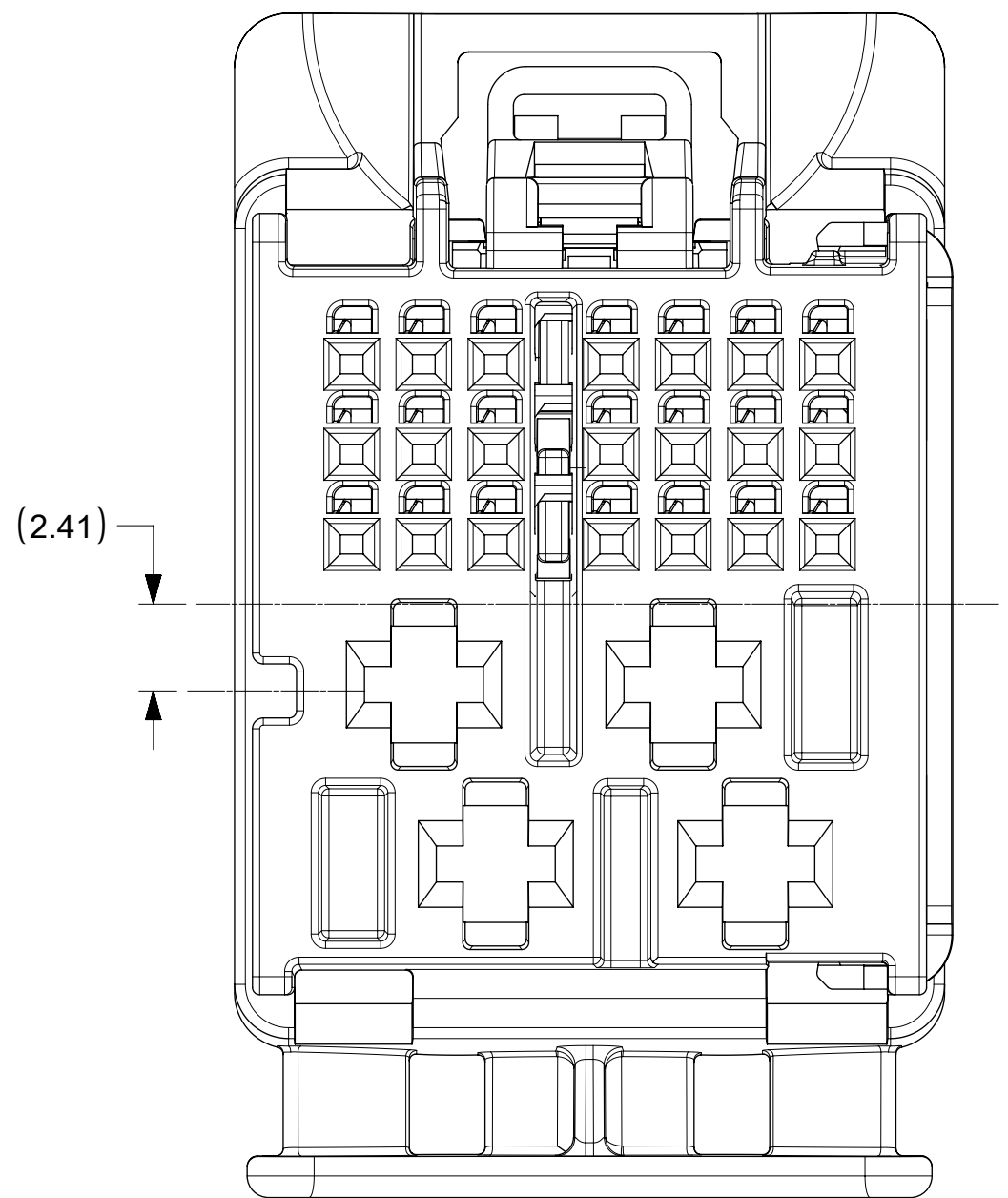


25WAY CONNECTOR ASSEMBLY KEY 1 & KEY 5

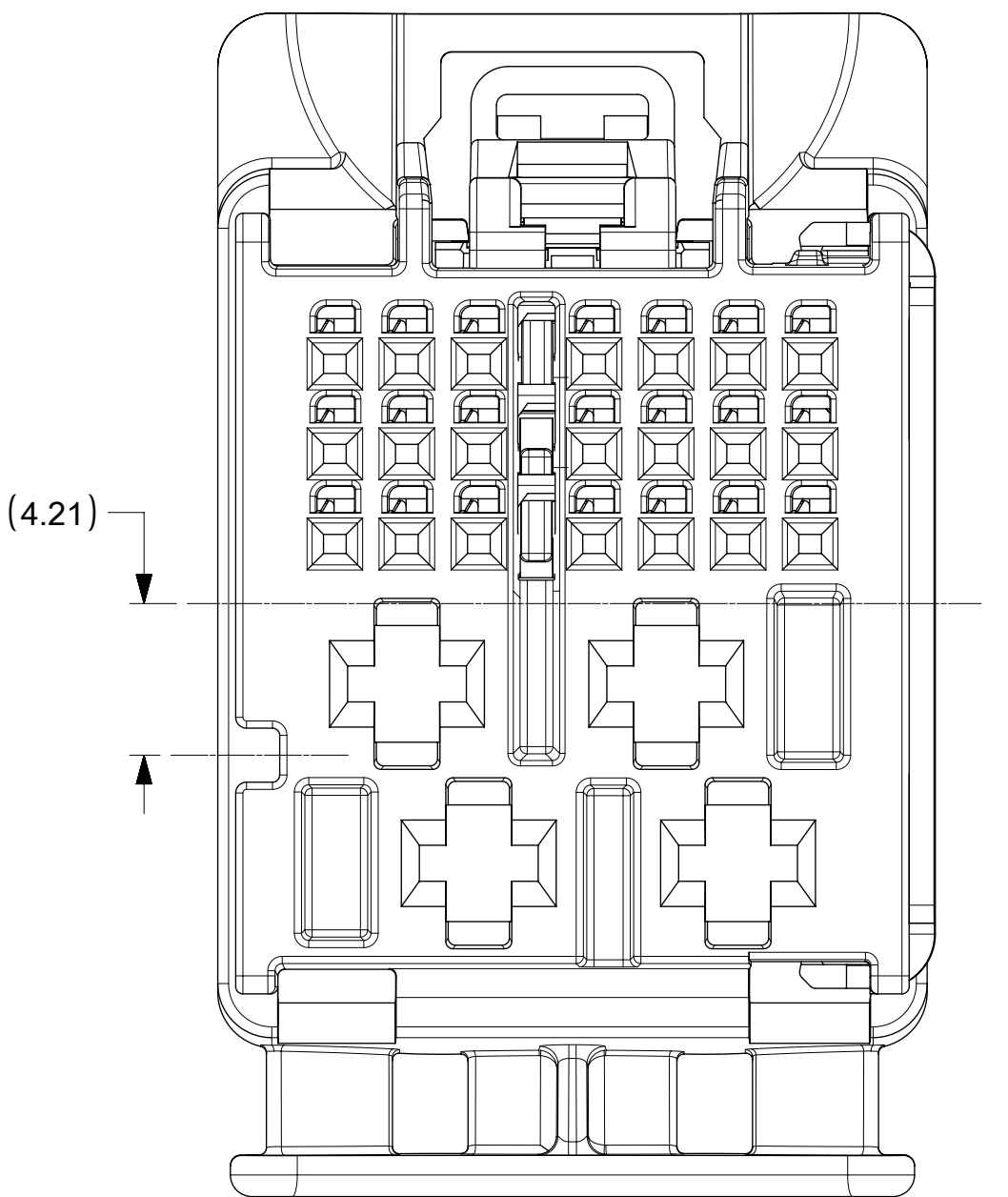
PART NUMBER	PLATING	SUPPLIER	WIRE GAGE (mm2)	TERMINAL FAMILY	WIRE SPECIFICATION
200096-0101	TIN PLATING	MOLEX	0.35	TAK FAMILY (0.5 mm)	VW 60306 OR GMW 15626 (SEE APPLICATION SPECIFICATION FOR MORE DETAILS)
200096-0201	TIN PLATING	MOLEX	0.13	TAK FAMILY (0.5 mm)	
2272196-2	TIN PLATING	TE	0.35	Generation 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	
1-968849-1	TIN PLATING	TE	0.5 - 1.0	AMP MCP 2.8	GMW 15626 INSULATION TYPE FLR (REGULAR THIN WALL)
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:

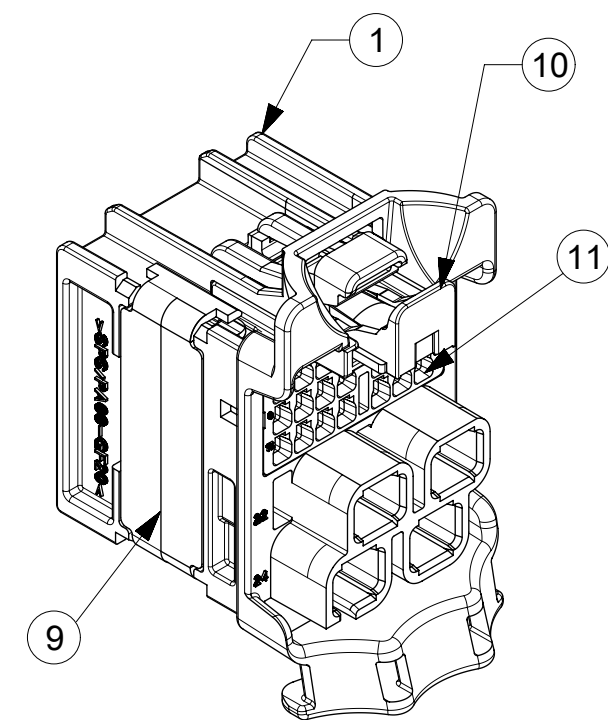
- a. ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
 - b. PRODUCT DESIGN MODEL NUMBER(S): SEE BOM TABLE
 - c. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
 - d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - e. CORNERS SHOWN AS SHARP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

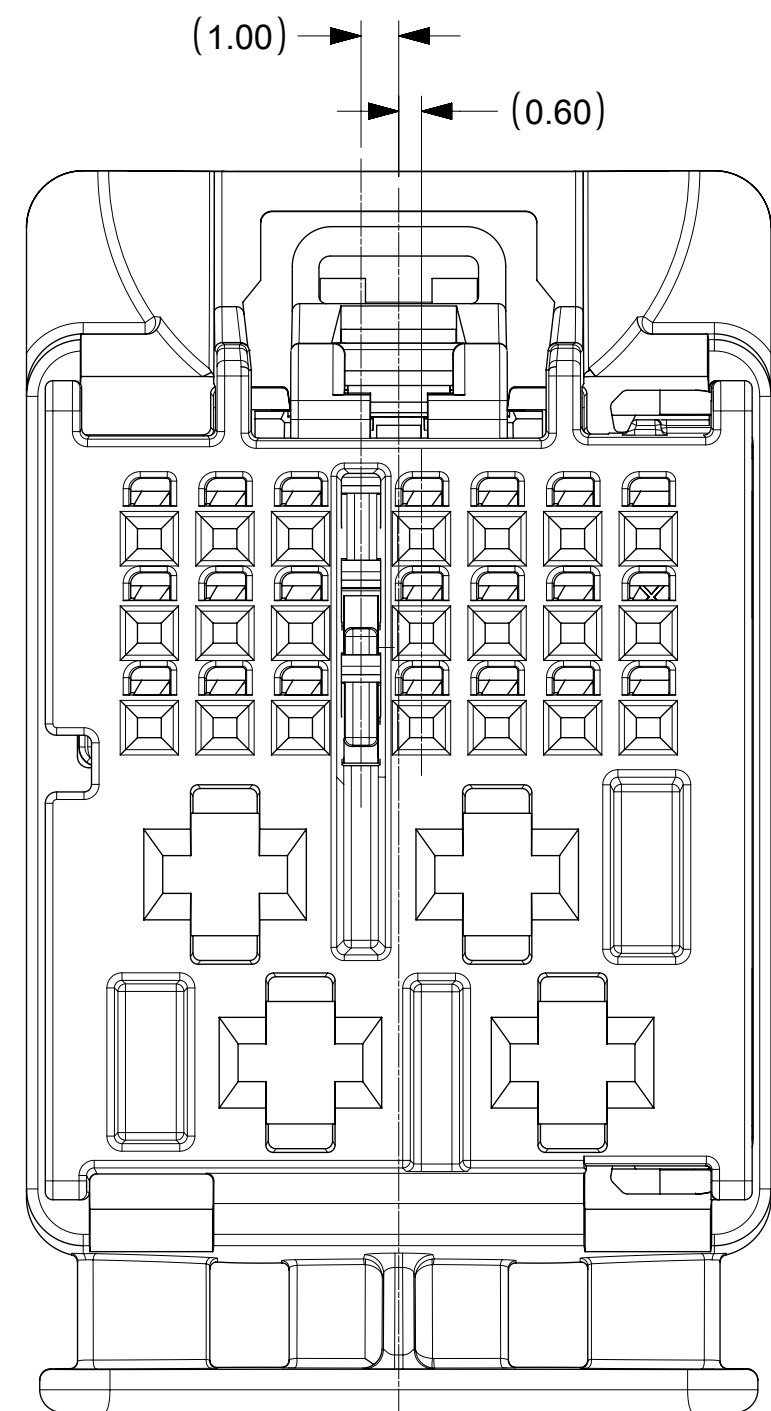
- a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)

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

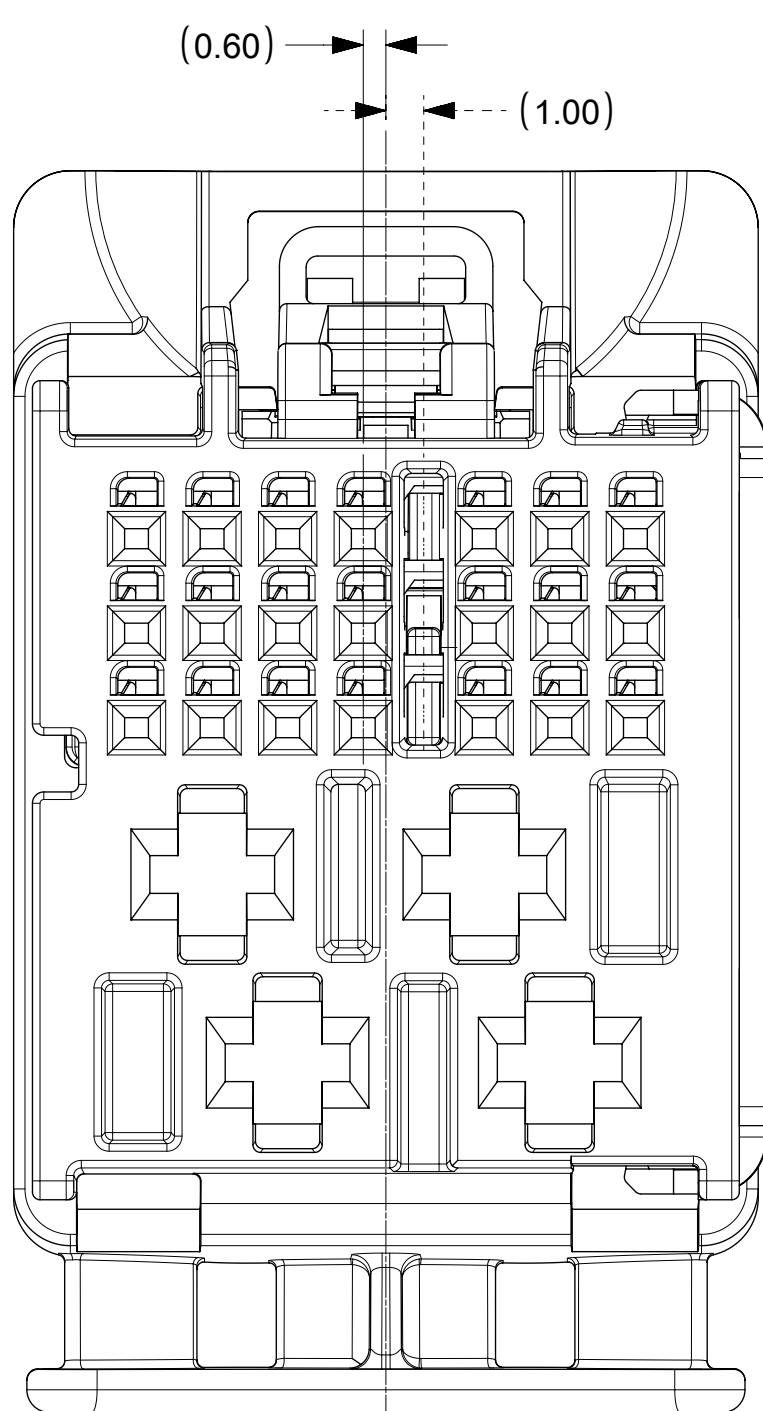
ITEM	DESCRIPTION	COLOR	RECYCLING CODE	WEIGHT (GRAMS)	RIB OPTION	NO OF ITEMS REQUIRED									
1	OUTER SHROUD - KEY 1	LIGHT GREEN B	SPS/PA66-GF20	4.1	A	1									
2	OUTER SHROUD - KEY 2	STONE GRAY	SPS/PA66-GF20	4.1	A		1								
3	OUTER SHROUD - KEY 3	BLACK	SPS/PA66-GF20	4.1	A			1							
4	OUTER SHROUD - 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	
10	CPA	NATURAL	PA66-GF50	0.08	N/A	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	



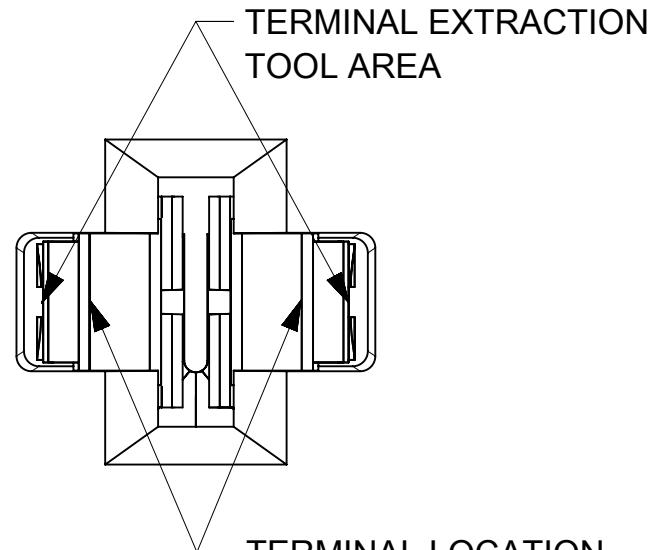
RIB OPTION A



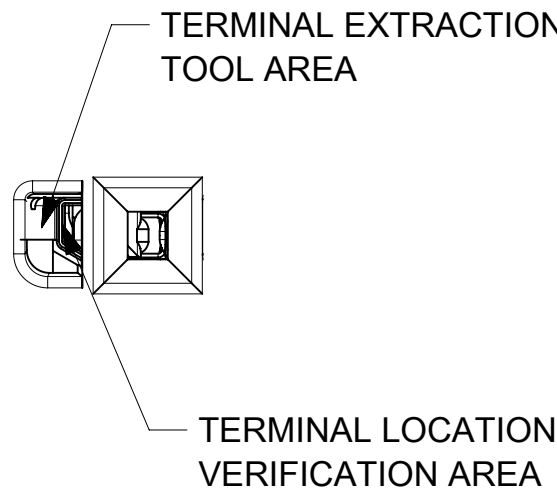
RIB OPTION B



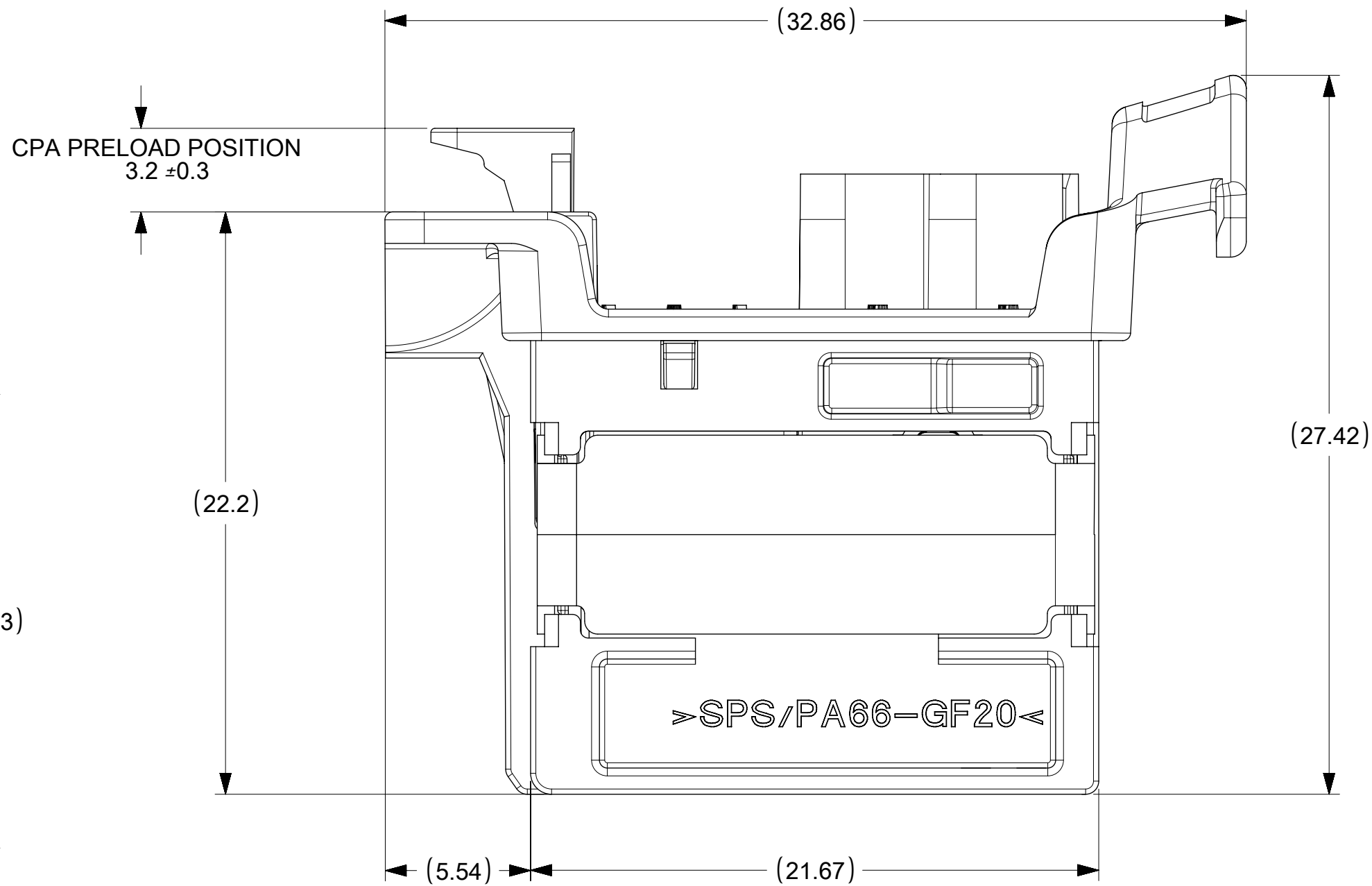
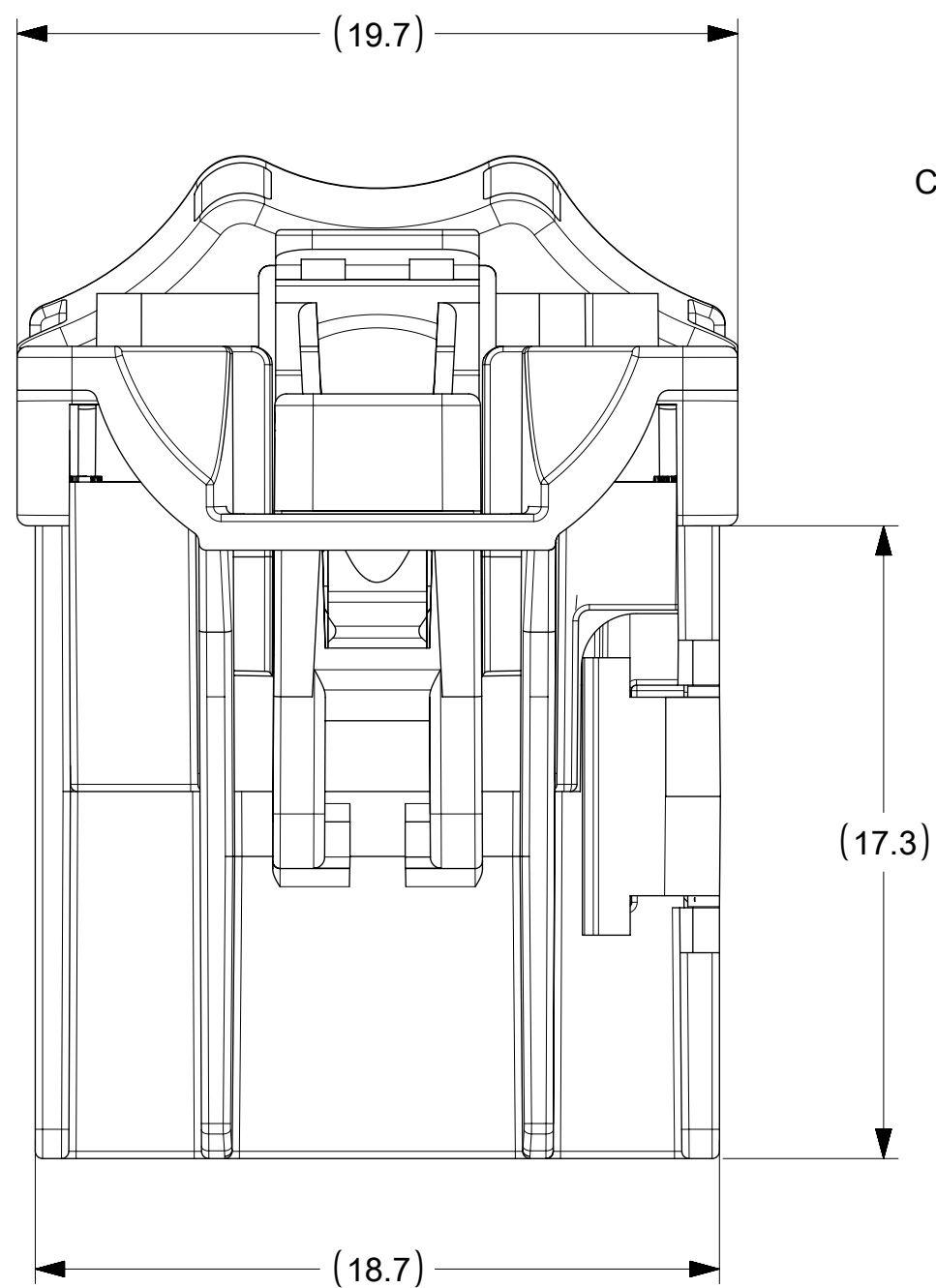
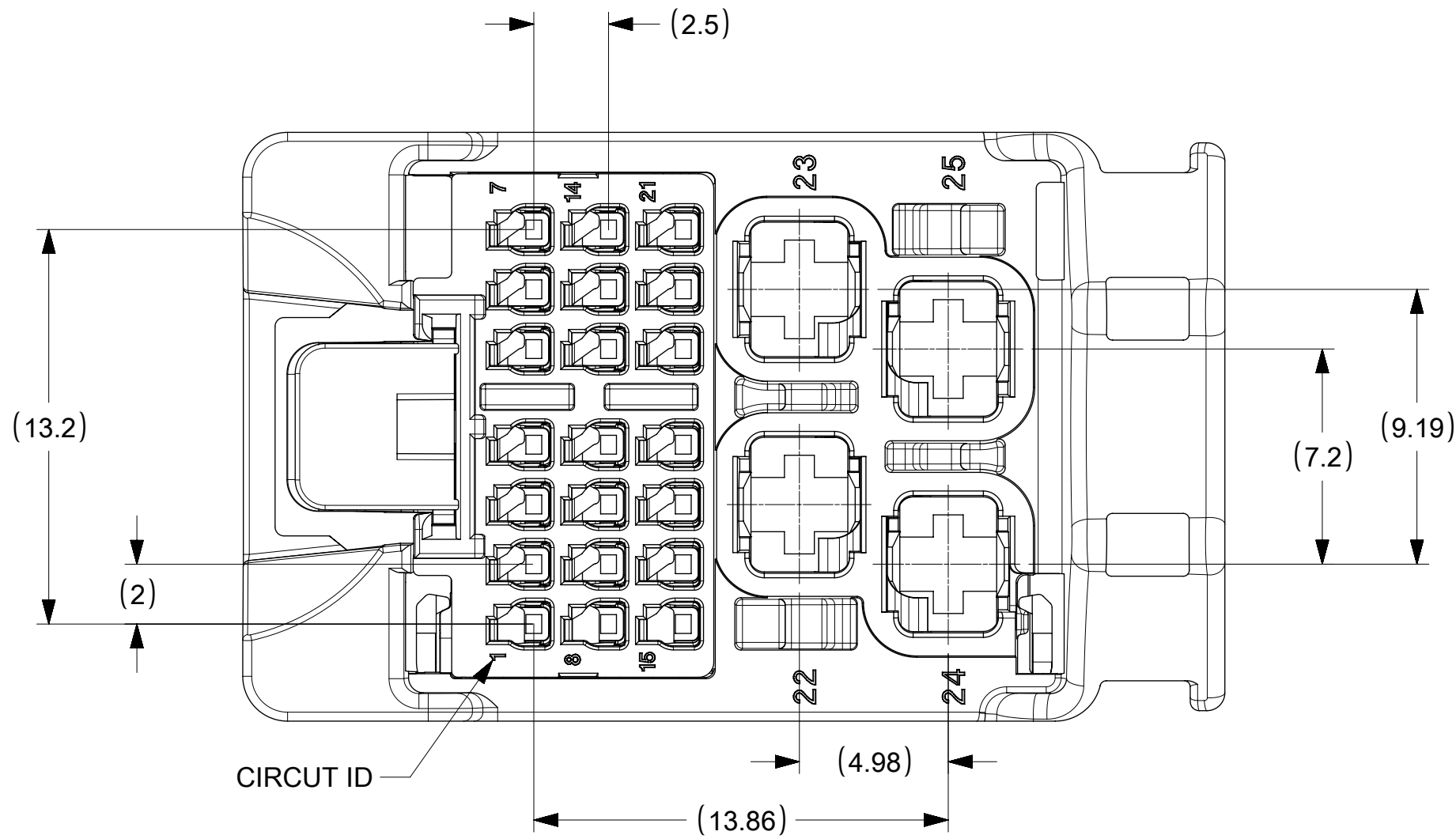
SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
 = 0	 = 0	 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED 2.8 CAVITY VIEWS ON SHEET 2				molex					
			mm													
			GENERAL 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°													
 = 0			4 PLACES		±						PRODUCT CUSTOMER DRAWING					
 = 0			3 PLACES		±											
 = 0			2 PLACES		± 0.3		INITIAL REVISION:				DOCUMENT NUMBER SD-160027-0001					
 = 0			1 PLACE		± 0.3		DRWN: VYARAPPA 2017/02/01								DOC TYPE PSD	
 = 0			0 PLACES		± 0.3		APPR: KDEKOSKI 2017/03/23				DOC PART 000					
 = 0			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING				SERIES		MATERIAL NUMBER	
 = 0									D-SIZE		160027		CUSTOMER GENERAL MARKET			
															SHEET NUMBER 1 OF 2	



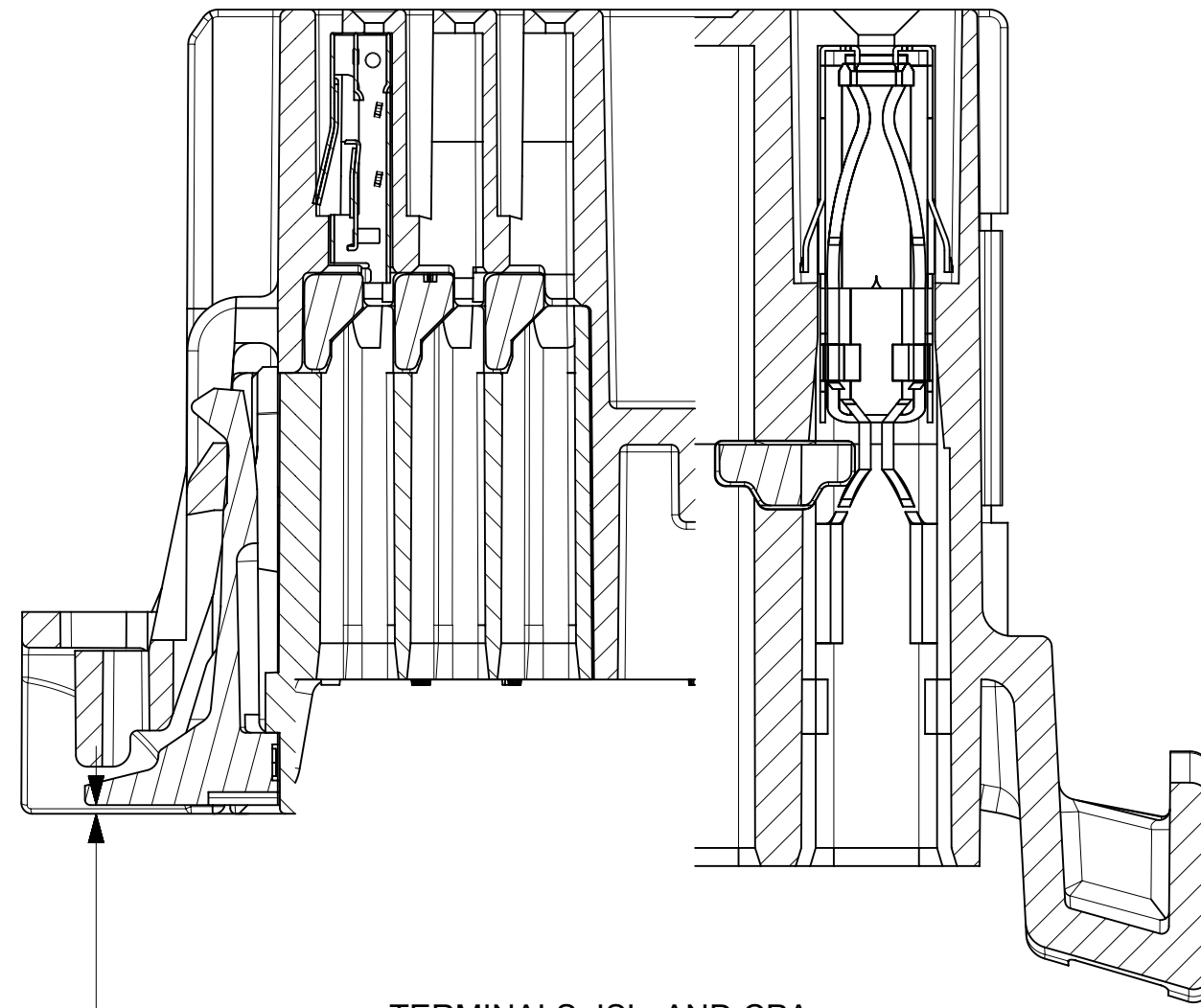
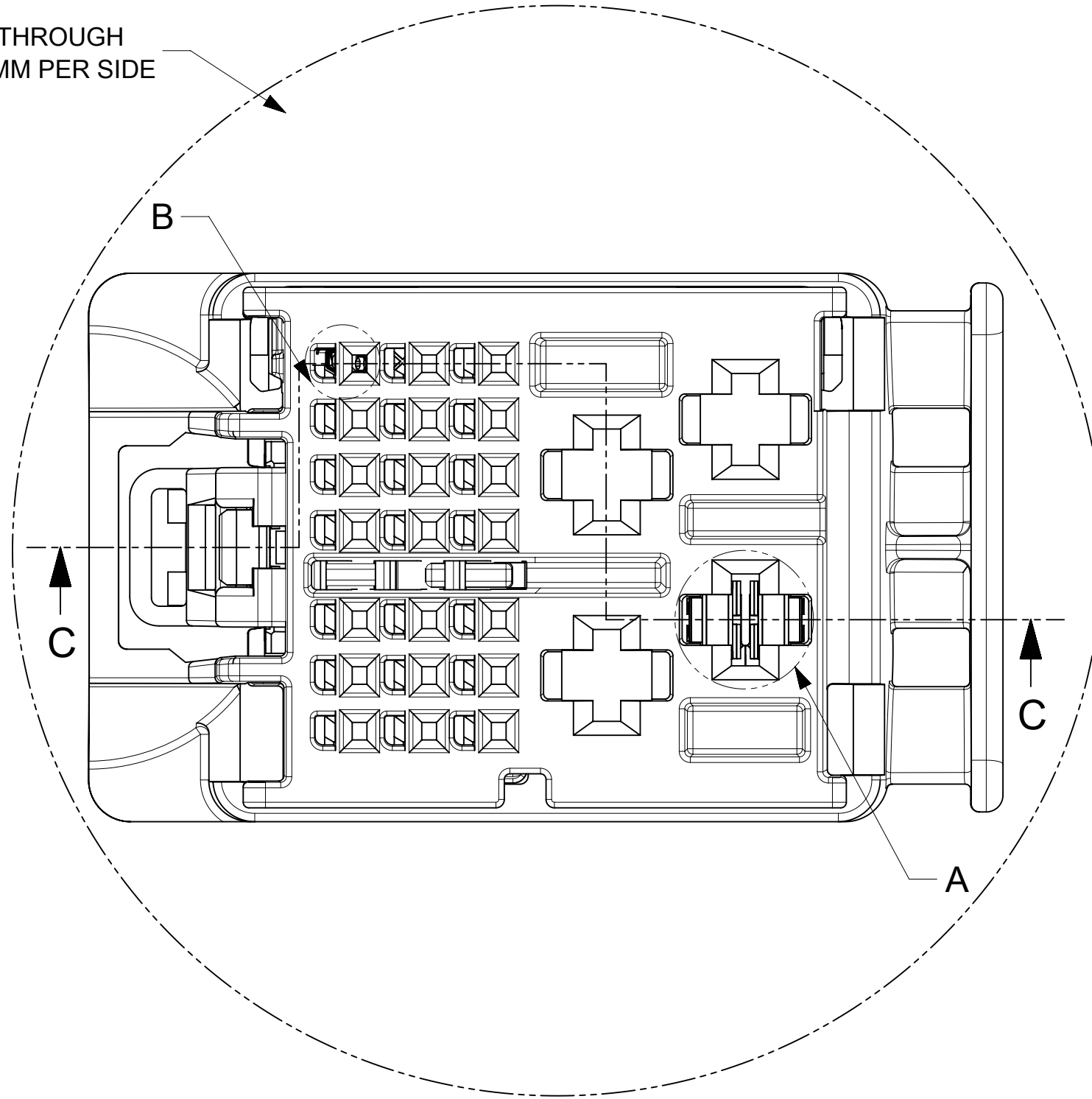
DETAIL A
SCALE 10:1



DETAIL B
SCALE 10:1



(Ø39.16) PASS THROUGH
CLEARANCE 1MM PER SIDE



SECTION C-C

LASER ETCH
DATE CODE

YYDDD
HHMMSS

1.30 ±0.30
ISL IN OPEN
POSITION

ISL IN CLOSED
POSITION

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			
mm		GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 3.0 °											
 = 0				EC NO: 176550				PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-160027-0001 DOC TYPE PSD DOC PART 000 REVISION B1			
 = 0		4 PLACES ±		DRWN: JCONDON 2018/05/18							
 = 0		3 PLACES ±		CHK'D: JCONDON 2018/07/26							
 = 0		2 PLACES ± 0.3		APPR: JCONDON 2018/07/26							
 = 0		1 PLACE ± 0.3		INITIAL REVISION:				SHEET NUMBER 2 OF 2			
 = 0		0 PLACES ± 0.3		DRWN: VYARAPPA 2017/02/01							
 = 0				APPR: KDEKOSKI 2017/03/23							
 = 0											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
						D-SIZE 160027		GENERAL MARKET			

molex

25WAY STAK50H HYBRID
CONNECTOR ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-160027-0001

DOC TYPE

PSD

DOC PART

000

REVISION

B1

MATERIAL NUMBER

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 2

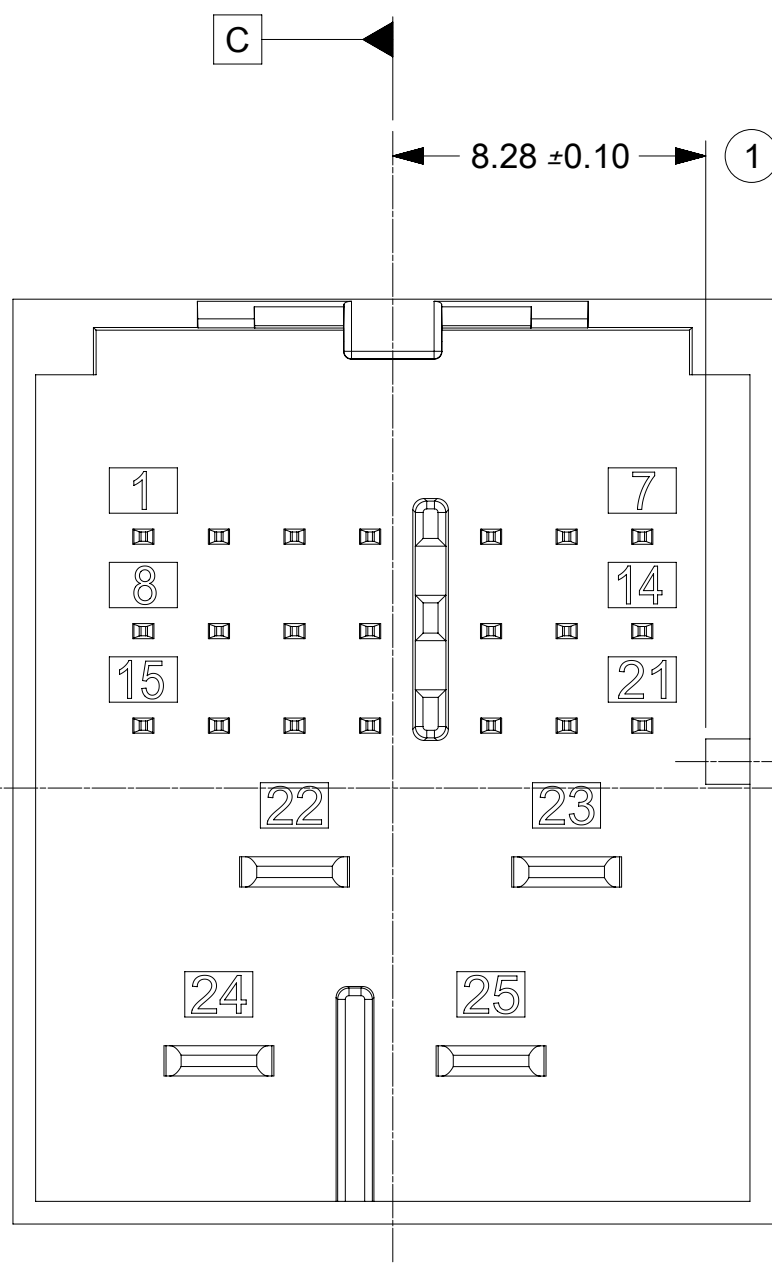
DOCUMENT STATUS

P1

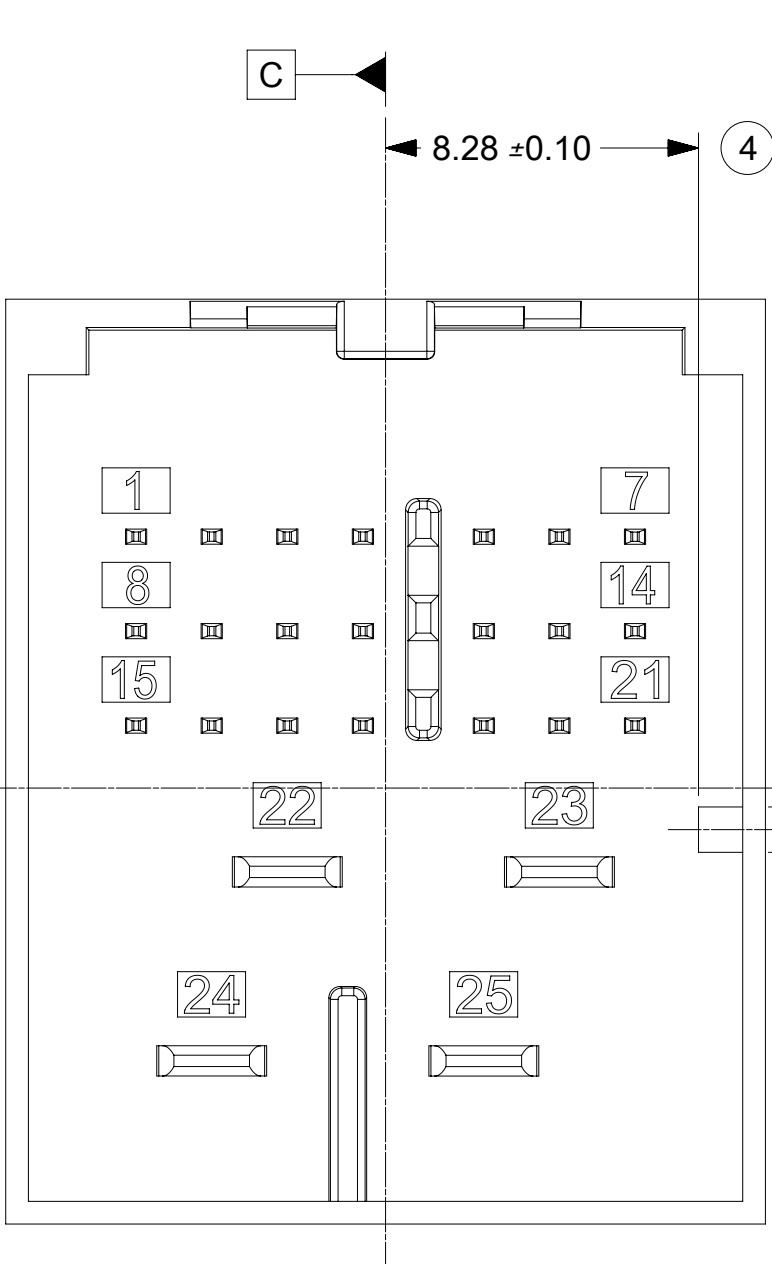
RELEASE DATE

2018/07/26

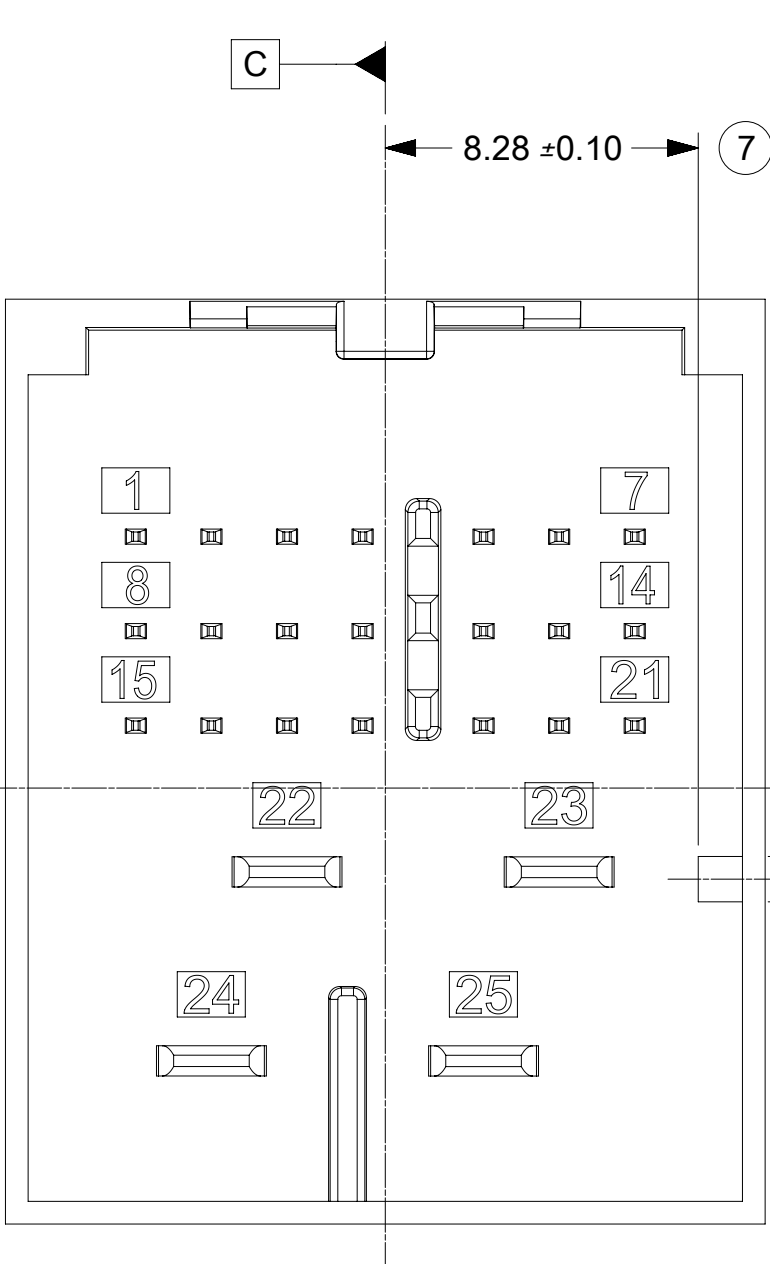
20:42:14



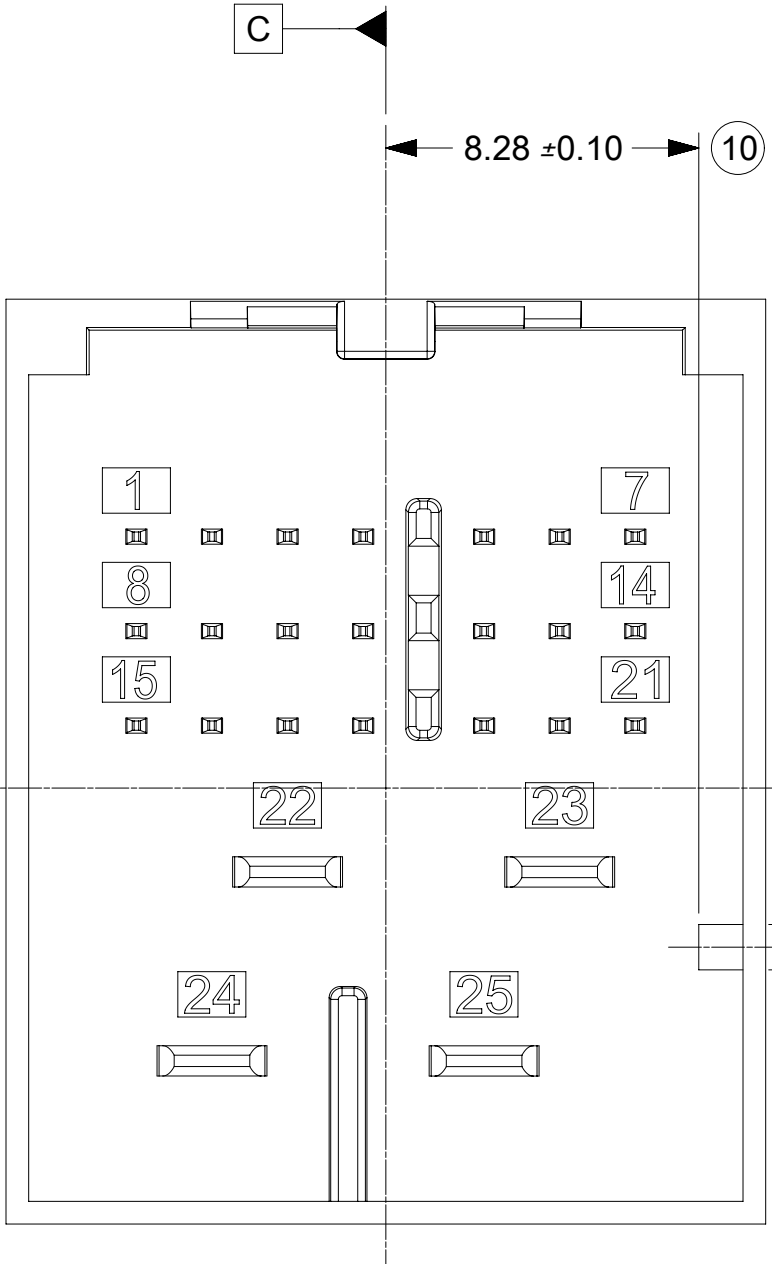
INTERFACE KEY 1 & KEY 5



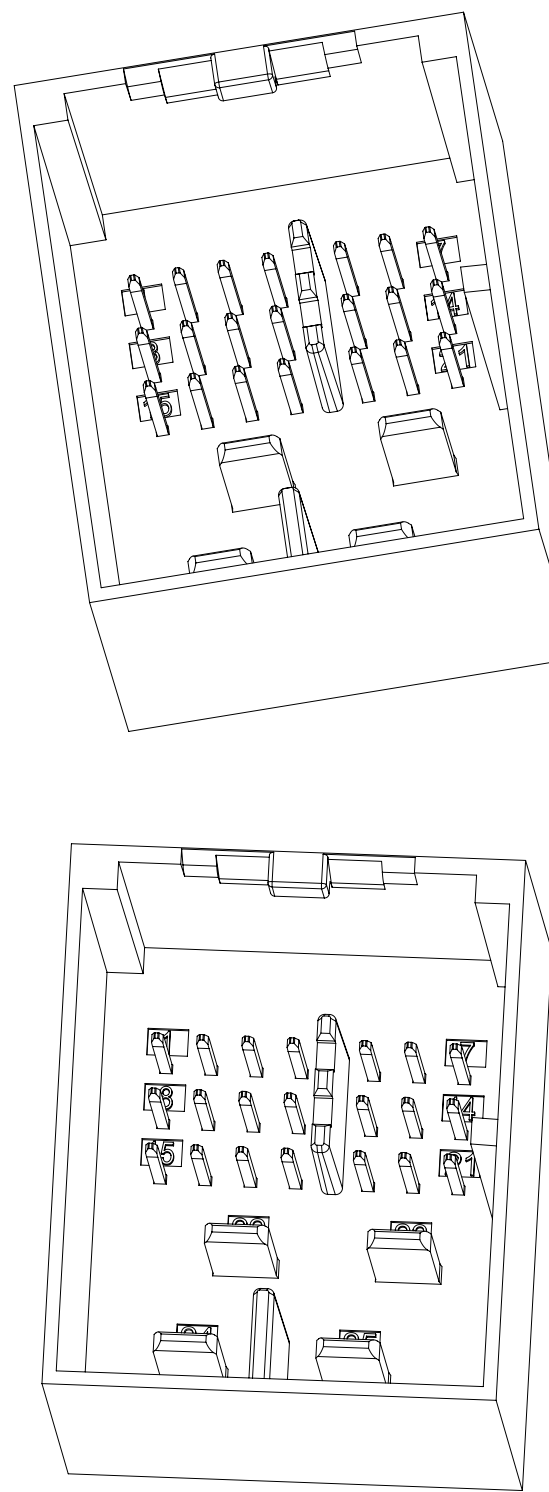
INTERFACE KEY 2 & KEY 6



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

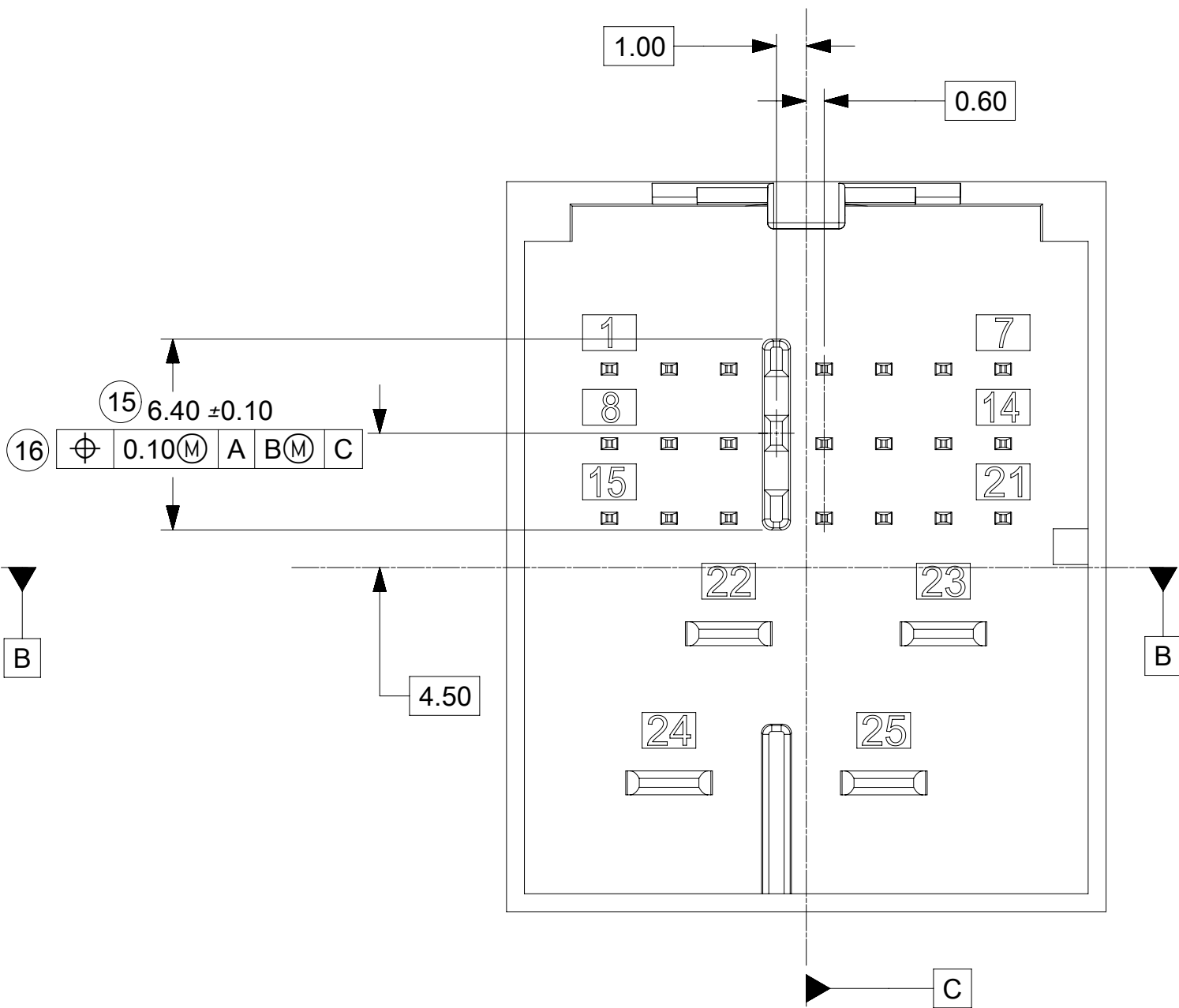
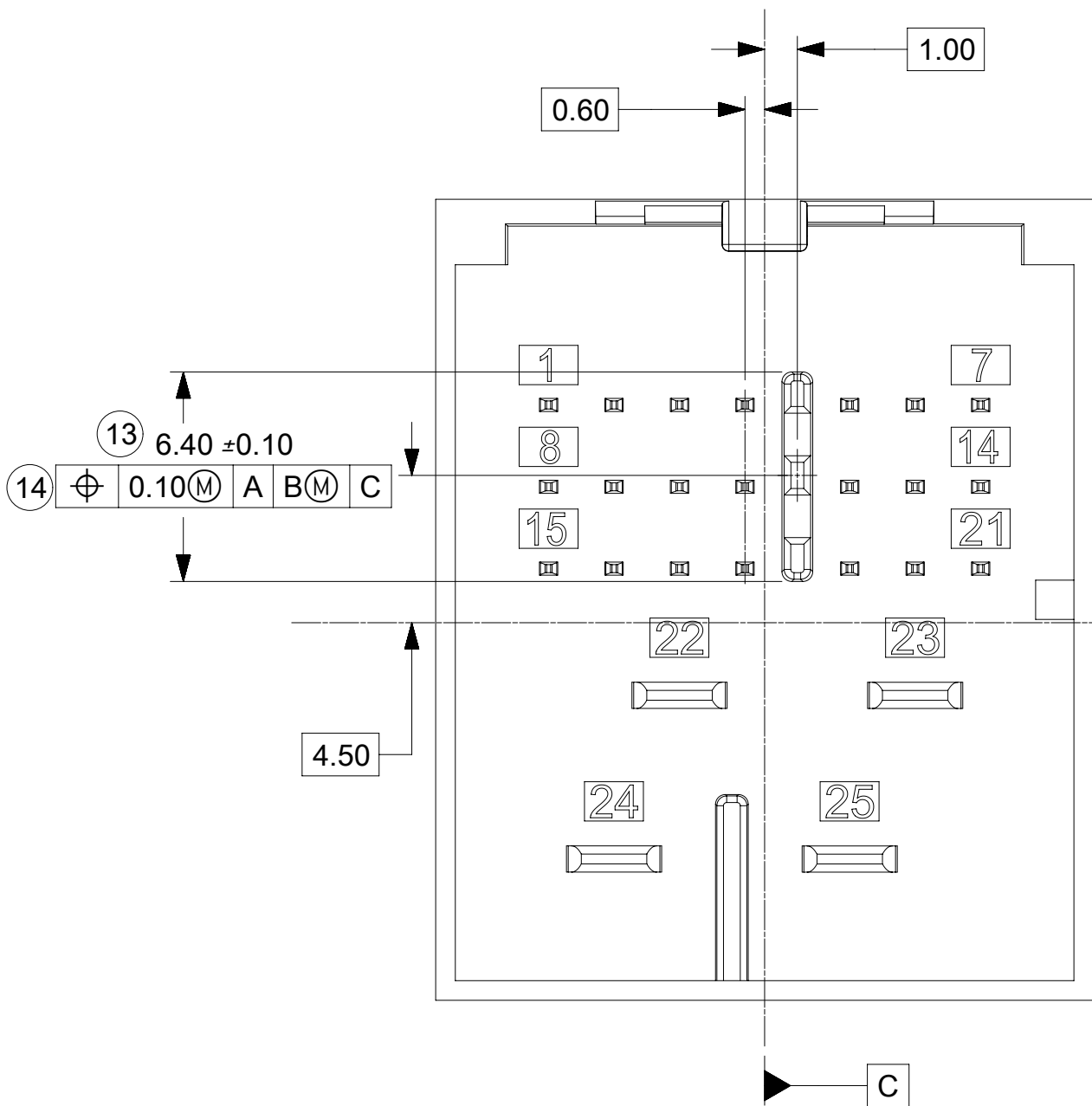
NOTES:VALID UNLESS OTHERWISE SPECIFIED

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



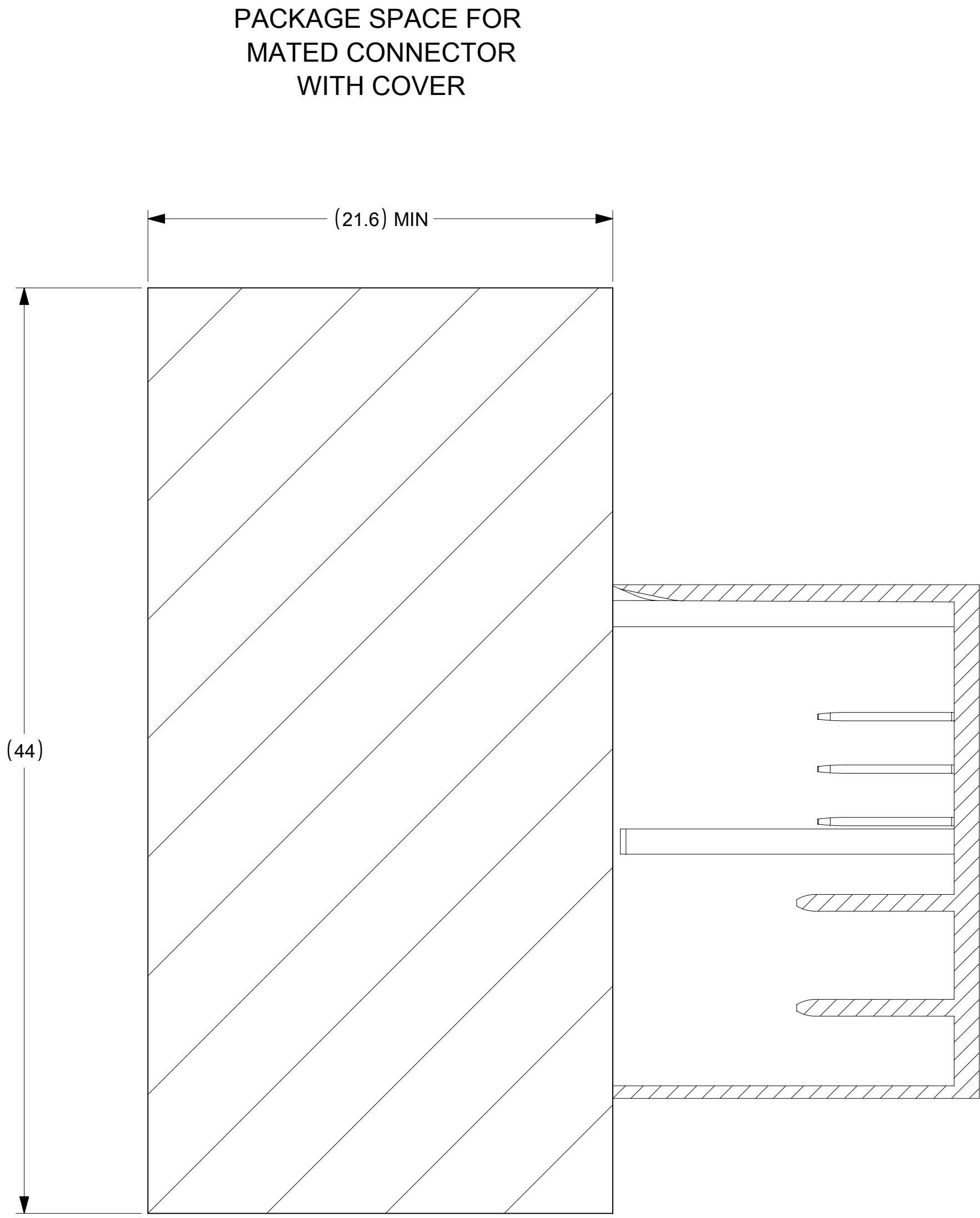
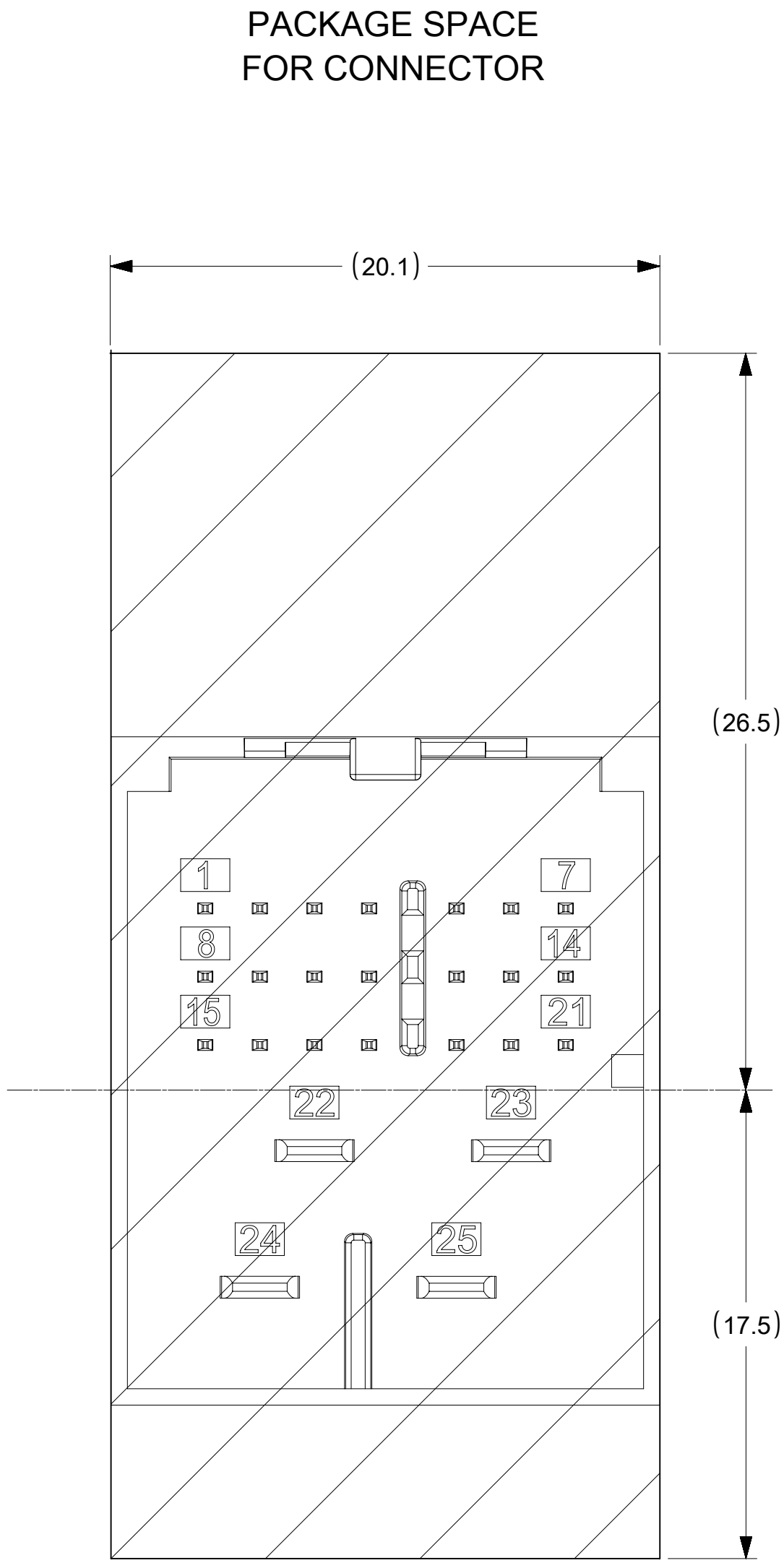
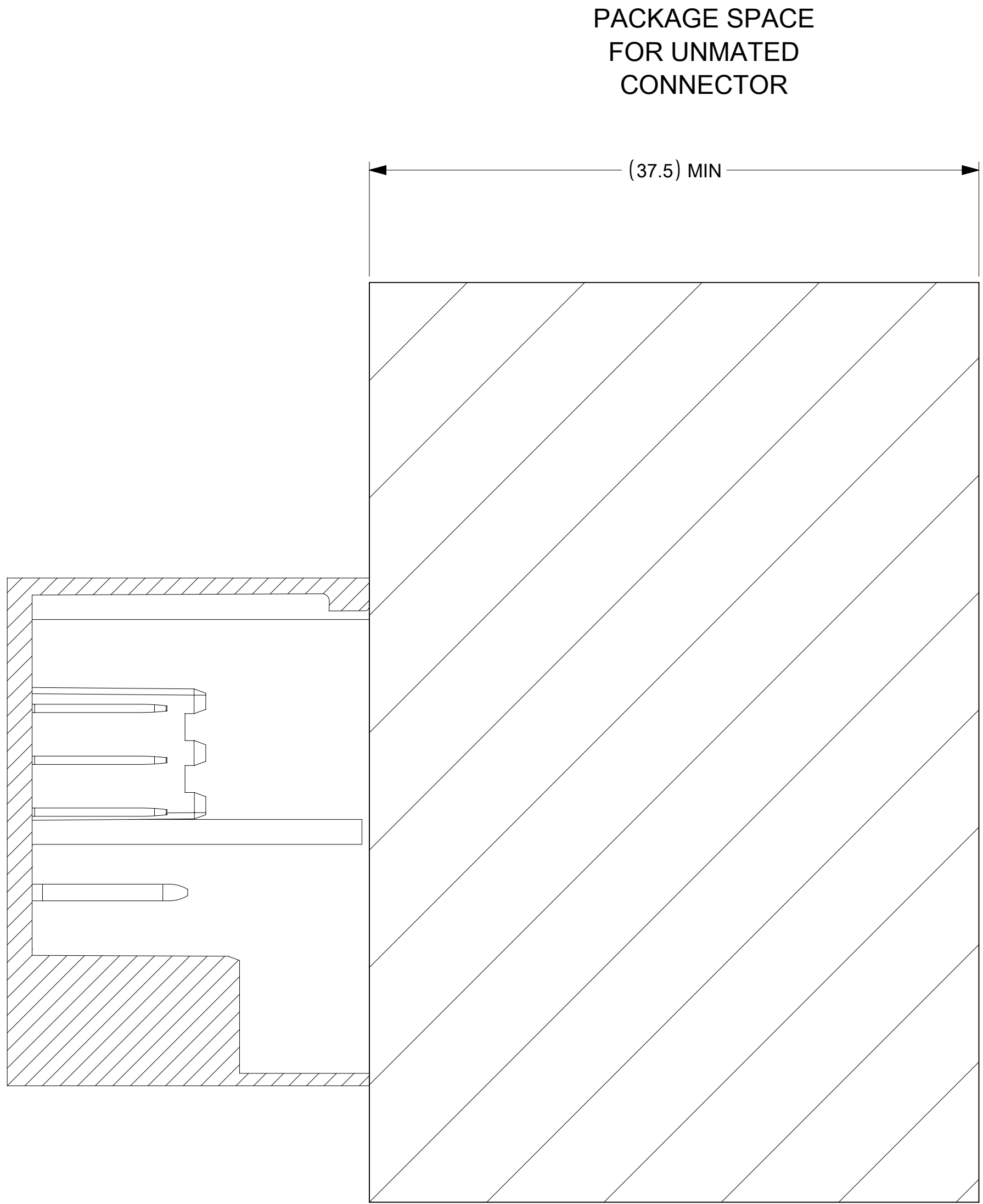
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: ADDED 2.8MM BLADE LENGTH VARIANT FOR MATE FORCE REQUIREMENT ADDED NOTE 1.E.1			25WAY STAK50H INTERFACE DRAWING		
	DIMENSION UNITS	SCALE						
▽ = 0	mm		GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 626144 DRWN: JCONDON 2019/09/19 CHK'D: DLANGOLF 2019/10/22 APPR: JCONDON 2019/10/23		
▽ = 0								
▽ = 0			ANGULAR TOL ± °			INITIAL REVISION: DRWN: SPEMMARAJU 2015/11/03 APPR: KDEKOSKI 2016/03/24		
▽ = 0								
▽ = 0	4 PLACES		1 PLACE			THIRD ANGLE PROJECTION		
▽ = 0	3 PLACES							
▽ = 0	2 PLACES		0 PLACES			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
▽ = 0	1 PLACE							
▽ = 0			DRAWING			D-SIZE		
▽ = 0								
▽ = 0			SERIES			160027		
▽ = 0								
▽ = 0			MATERIAL NUMBER			GENERAL MARKET		
▽ = 0								
▽ = 0			CUSTOMER			1 OF 3		
▽ = 0								



*OPTION B IS THE PREFERRED CONSTRUCTION
FOR ALL NEW HEADERS



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)		EC NO: 626144																			
ANGULAR TOL ± °		DRWN: JCONDON 2019/09/19																			
4 PLACES ±		CHK'D: DLANGOLF 2019/10/22																			
3 PLACES ±		APPR: JCONDON 2019/10/23																			
2 PLACES ±		INITIAL REVISION:								PRODUCT CUSTOMER DRAWING											
1 PLACE ±		DRWN: SPEMMARAJU 2015/11/03								DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION			
0 PLACES ±		APPR: KDEKOSKI 2016/03/24								SD-160027-002				PSD		000		C			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER				CUSTOMER				SHEET NUMBER					
				D-SIZE		160027						GENERAL MARKET				2 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 2.8MM BLADE LENGTH VARIANT FOR MATE FORCE REQUIREMENT ADDED NOTE 1.E.1				molex						
	mm														
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 626144 DRWN: JCONDON 2019/09/19 CHK'D: DLANGOLF 2019/10/22 APPR: JCONDON 2019/10/23										
	ANGULAR TOL ± °														
	4 PLACES		±		INITIAL REVISION: DRWN: SPEMMARAJU 2015/11/03 APPR: KDEKOSKI 2016/03/24										
	3 PLACES		±												
	2 PLACES		±		DOCUMENT NUMBER SD-160027-002										
	1 PLACE		±												
	0 PLACES		±		DOC TYPE PSD		DOC PART 000		REVISION C						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING D-SIZE		SERIES 160027		MATERIAL NUMBER		CUSTOMER GENERAL MARKET		SHEET NUMBER 3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/10/23	15:15:03
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**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

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помещение 100-Н Офис 331