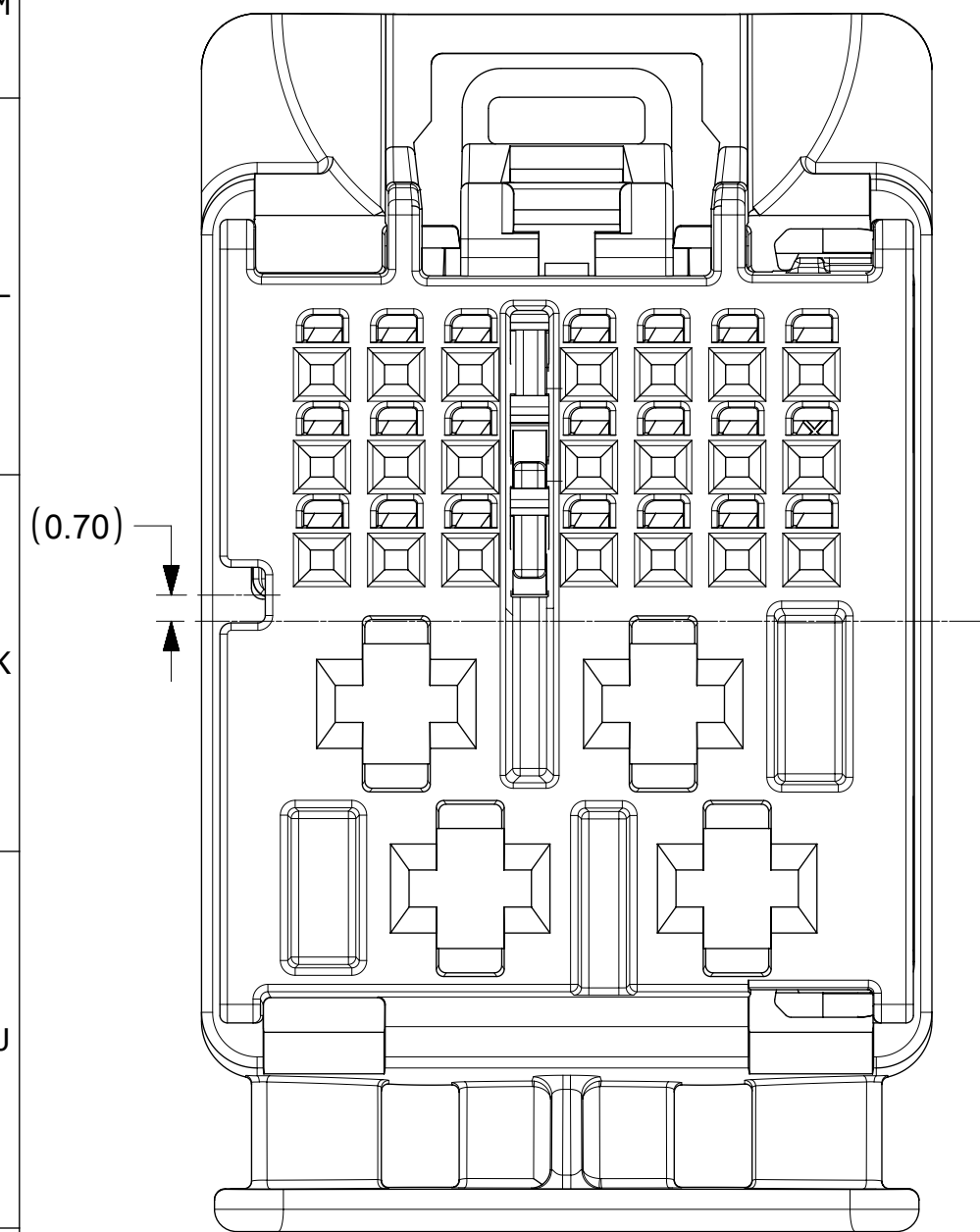
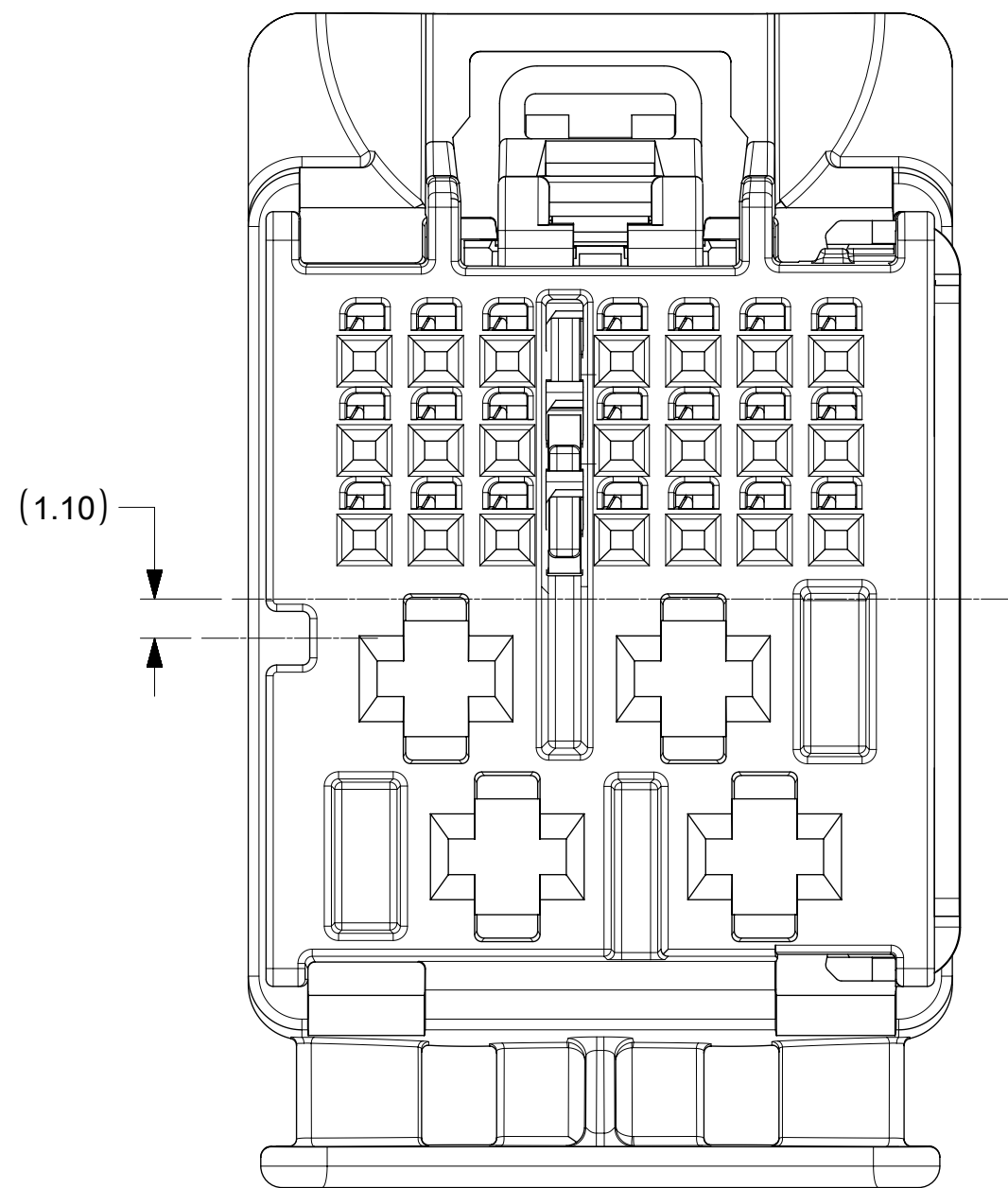


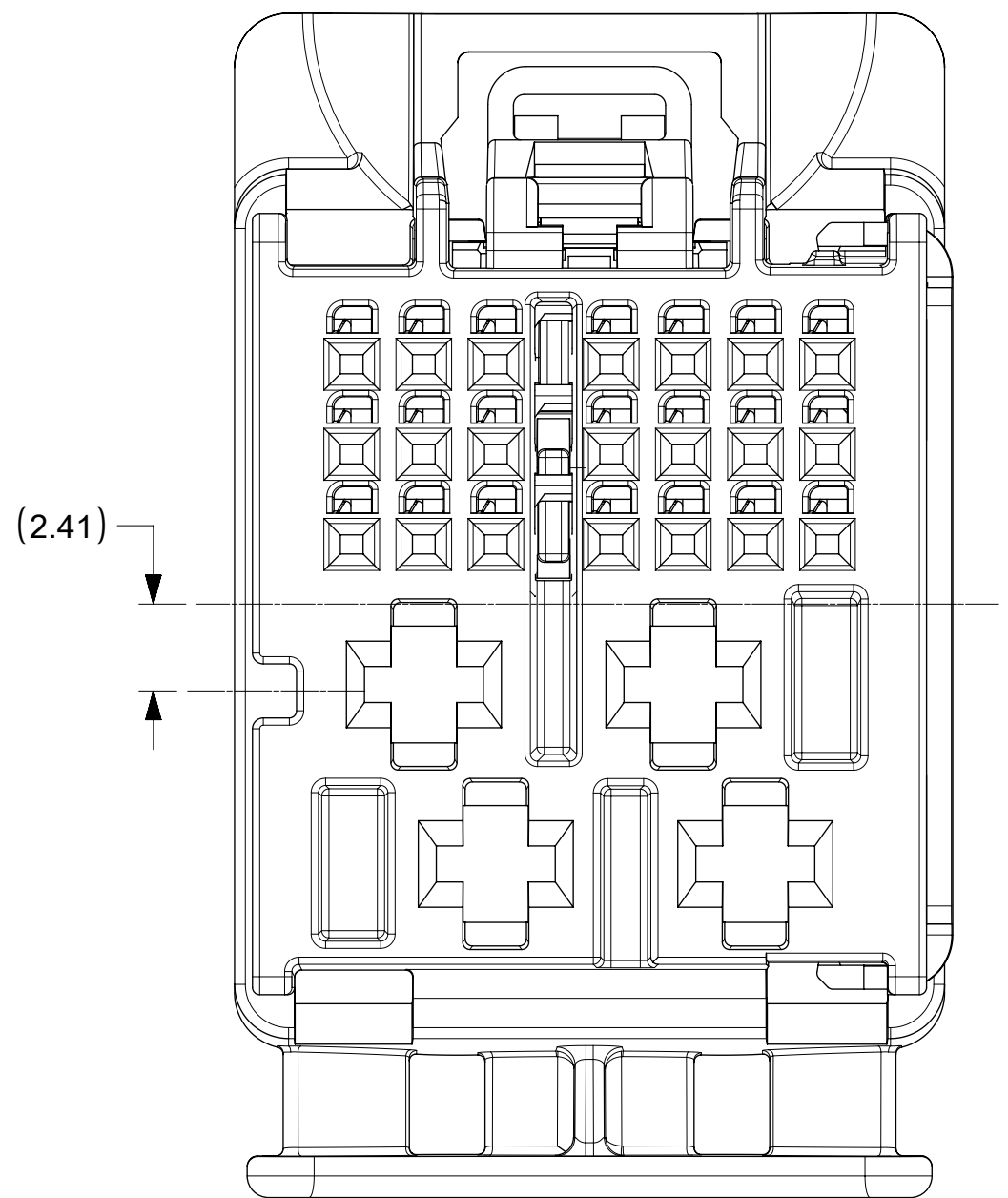


25WAY CONNECTOR ASSEMBLY KEY 1 & KEY 5

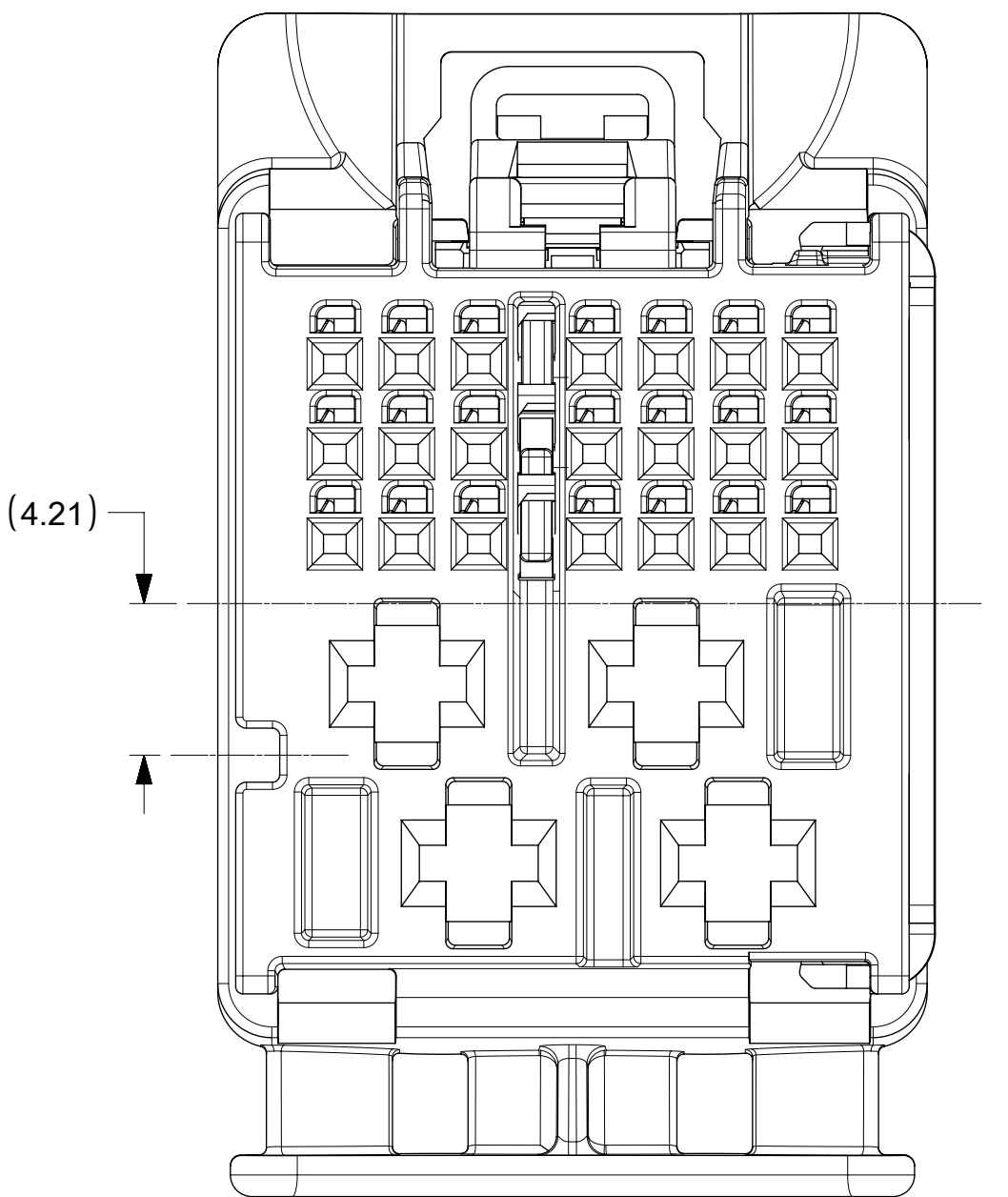
PART NUMBER	PLATING	SUPPLIER	WIRE GAGE (mm2)	TERMINAL FAMILY	WIRE SPECIFICATION
200096-0101	TIN PLATING	MOLEX	0.35	TAK FAMILY (0.5 mm)	VW 60306 OR GMW 15626 (SEE APPLICATION SPECIFICATION FOR MORE DETAILS)
200096-0201	TIN PLATING	MOLEX	0.13	TAK FAMILY (0.5 mm)	
2272196-2	TIN PLATING	TE	0.35	Generation 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:

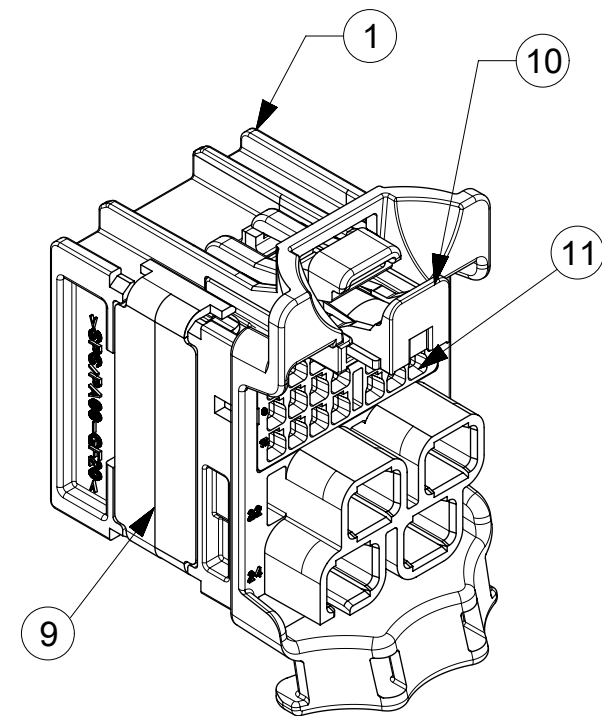
- a. ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
 - b. PRODUCT DESIGN MODEL NUMBER(S): SEE BOM TABLE
 - c. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
 - d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - e. CORNERS SHOWN AS SHARP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

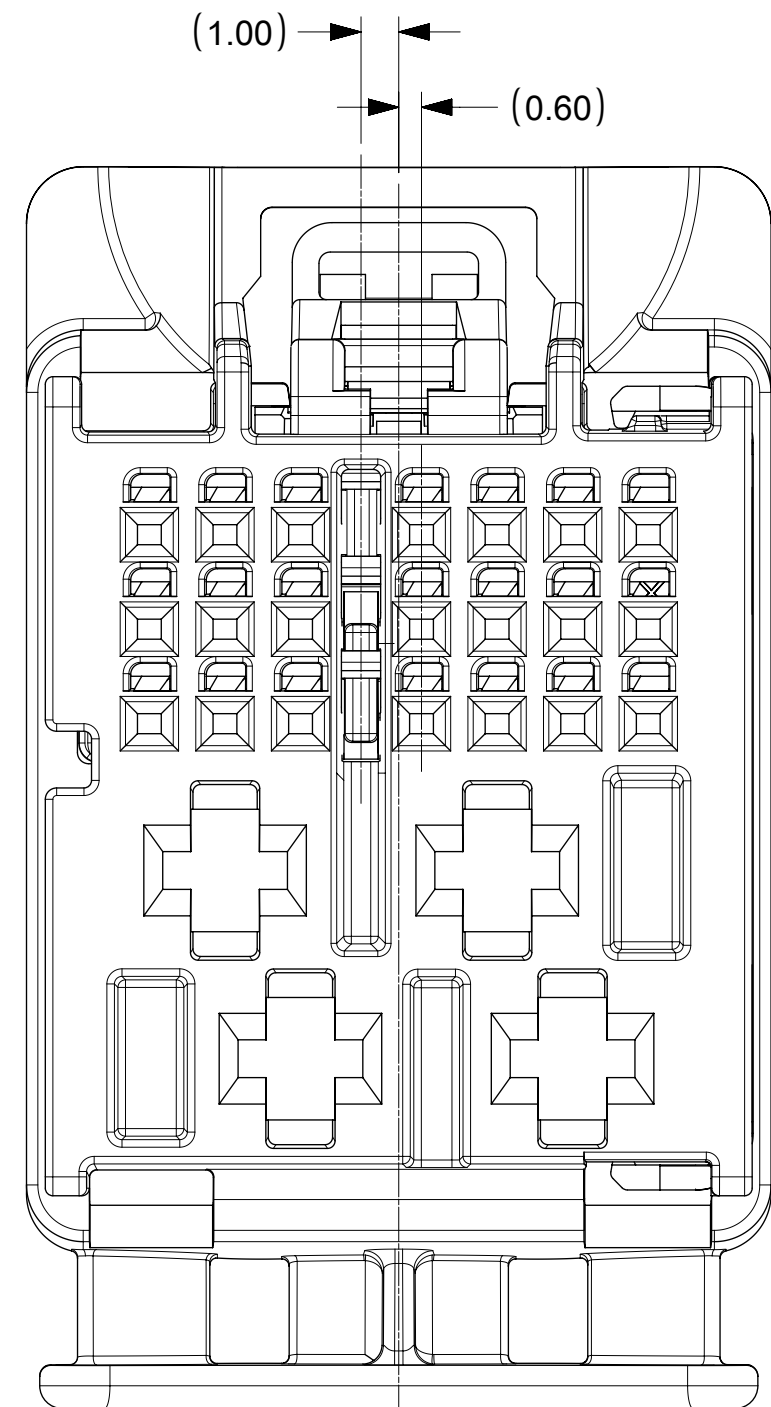
- a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002
(Class B)

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

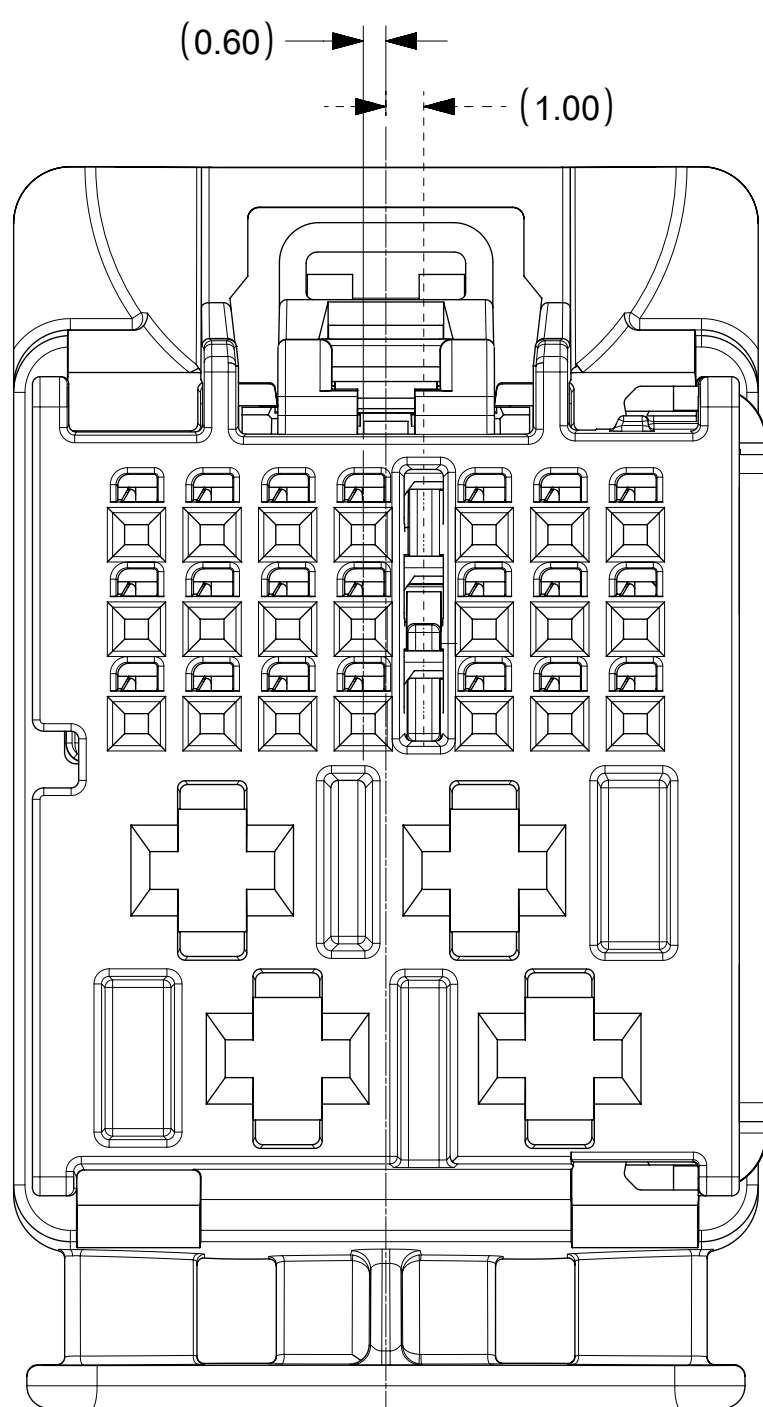
ITEM	DESCRIPTION	COLOR	RECYCLING CODE	WEIGHT (GRAMS)	RIB OPTION	NO OF ITEMS REQUIRED									
1	OUTER SHROUD - KEY 1	LIGHT GREEN B	SPS/PA66-GF20	4.1	A	1									
2	OUTER SHROUD - KEY 2	STONE GRAY	SPS/PA66-GF20	4.1	A		1								
3	OUTER SHROUD - KEY 3	BLACK	SPS/PA66-GF20	4.1	A			1							
4	OUTER SHROUD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



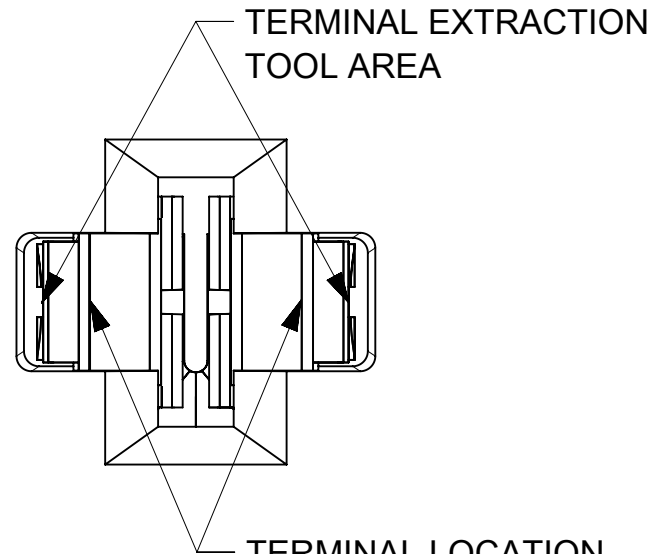
RIB OPTION A



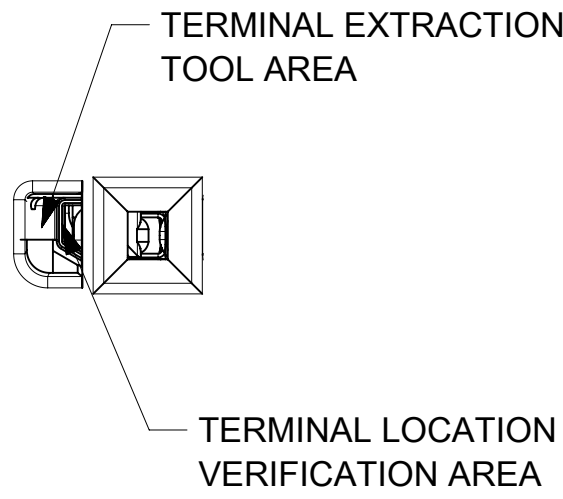
RIB OPTION B



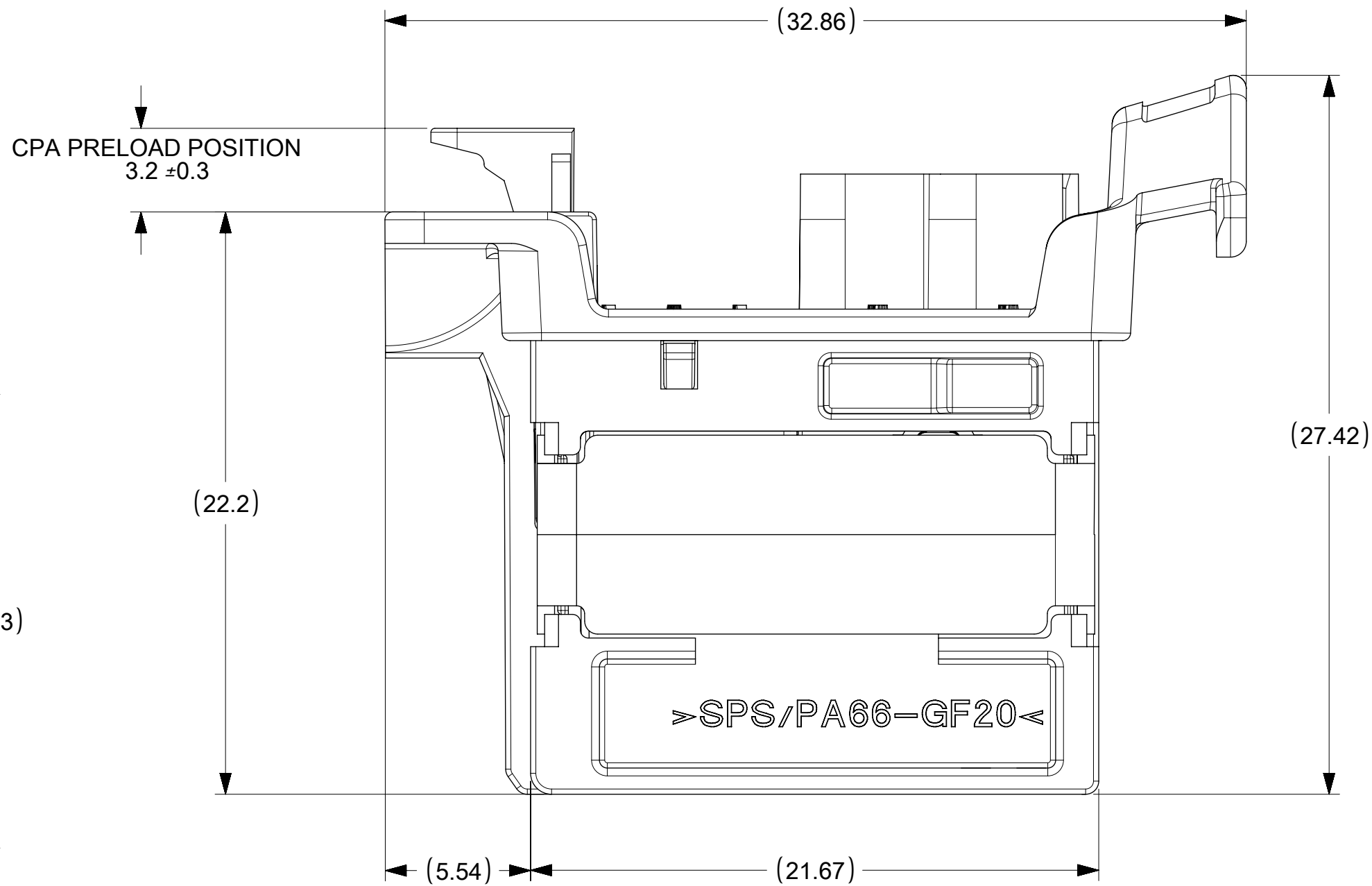
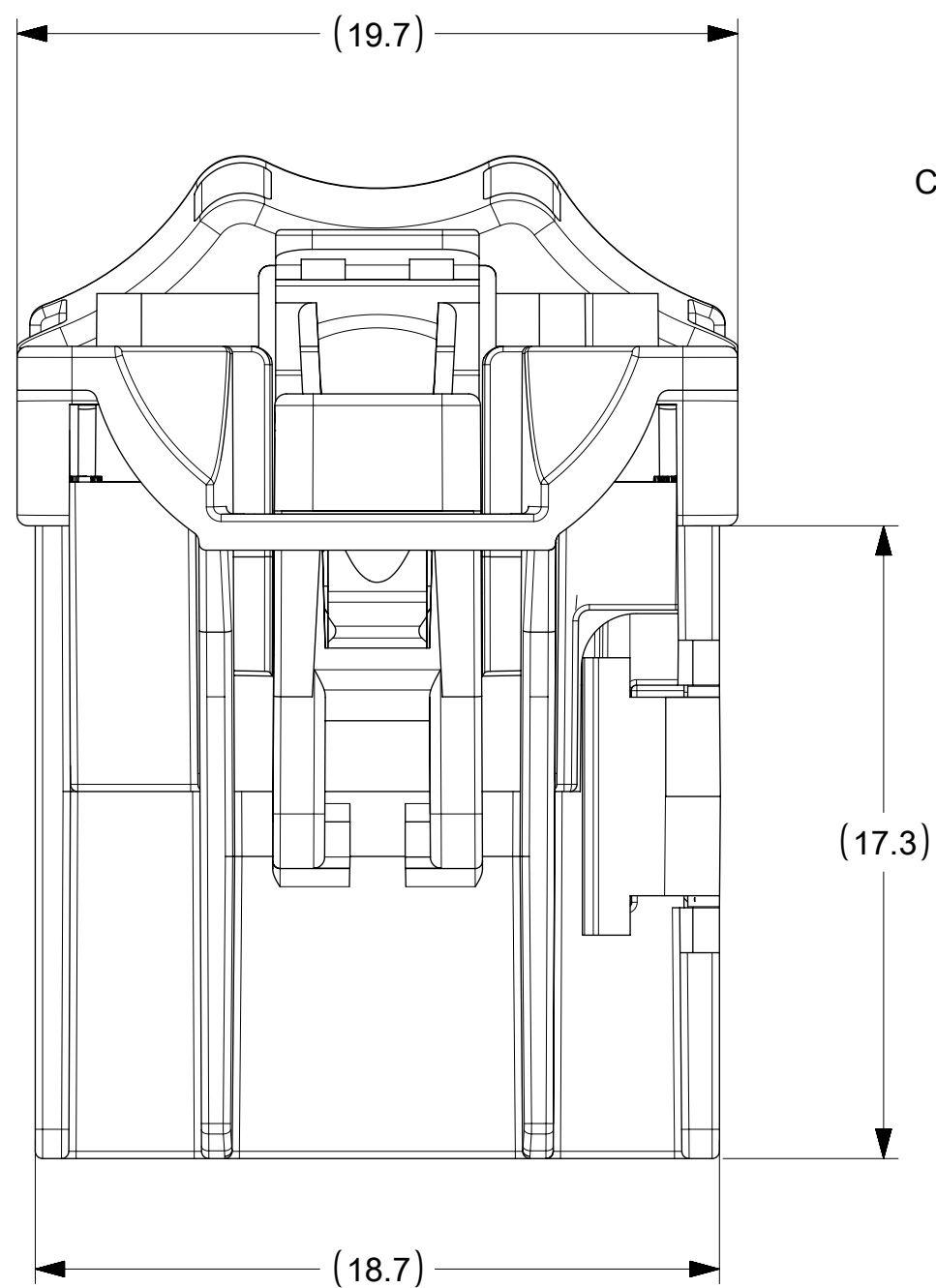
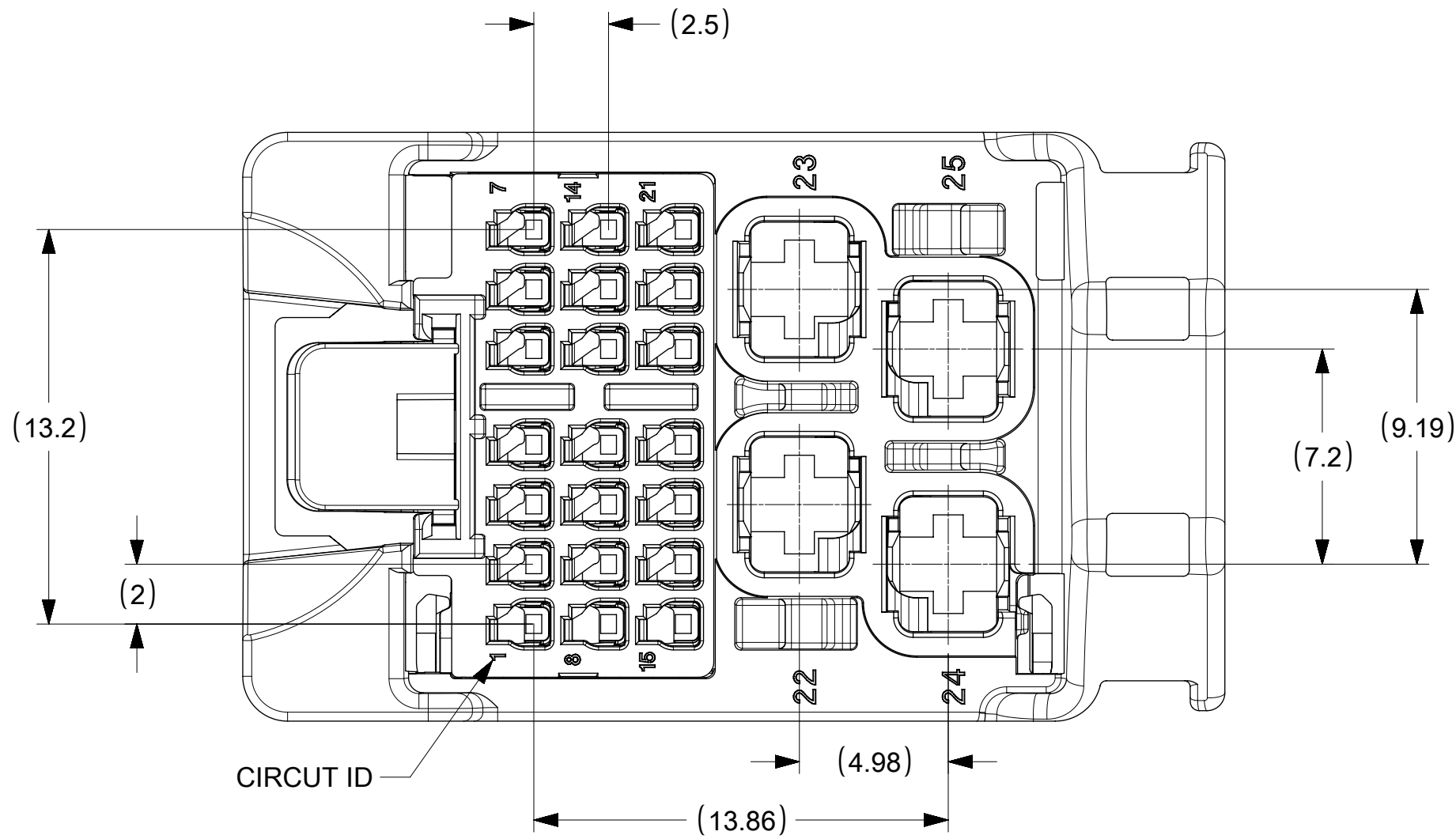
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ☒ = 0 ■ = 0 ▽ = 0	DIMENSION UNITS	SCALE	CURRENT REV DESC: UPDATED 2.8 CAVITY VIEWS ON SHEET 2			molex			
	mm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



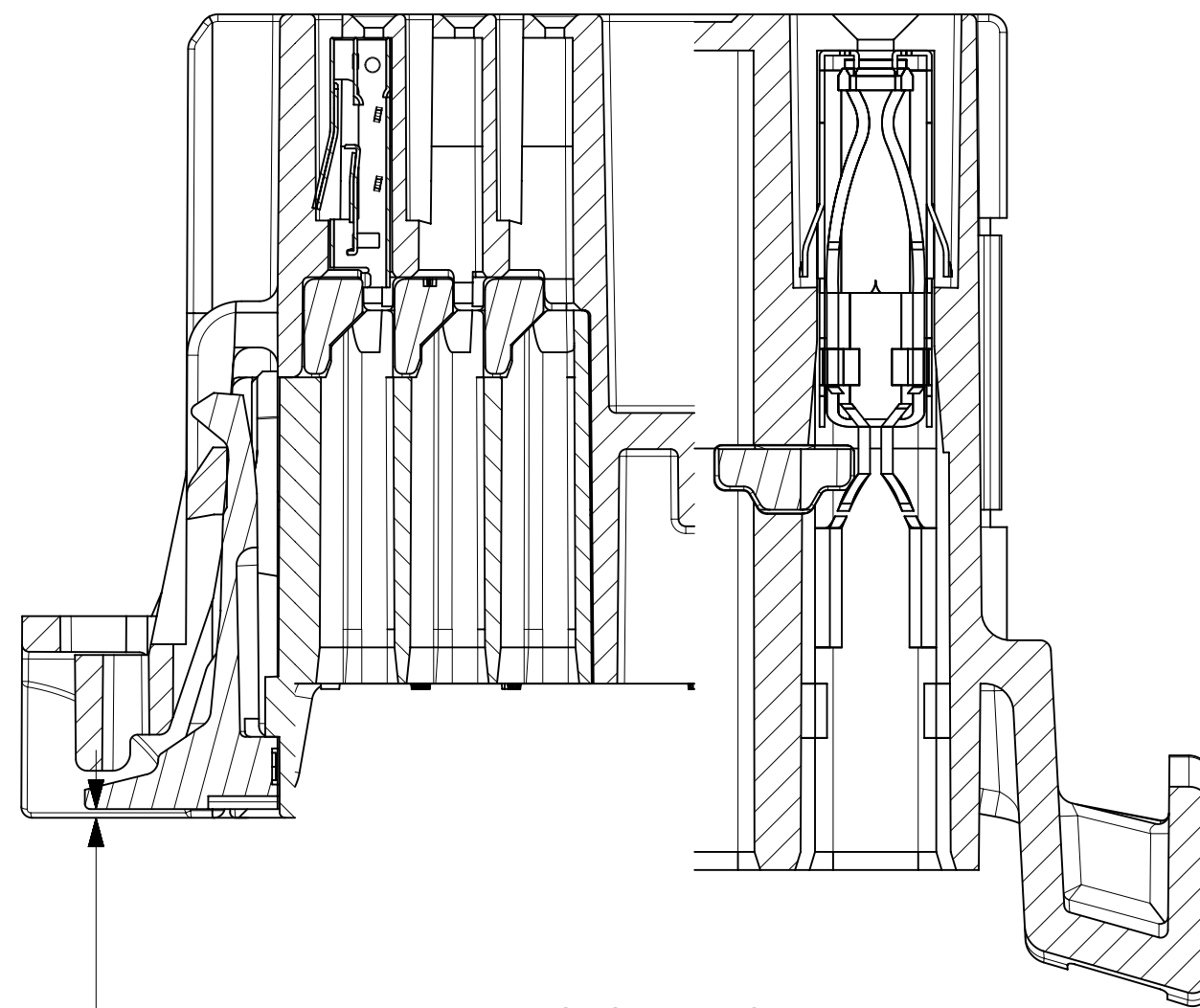
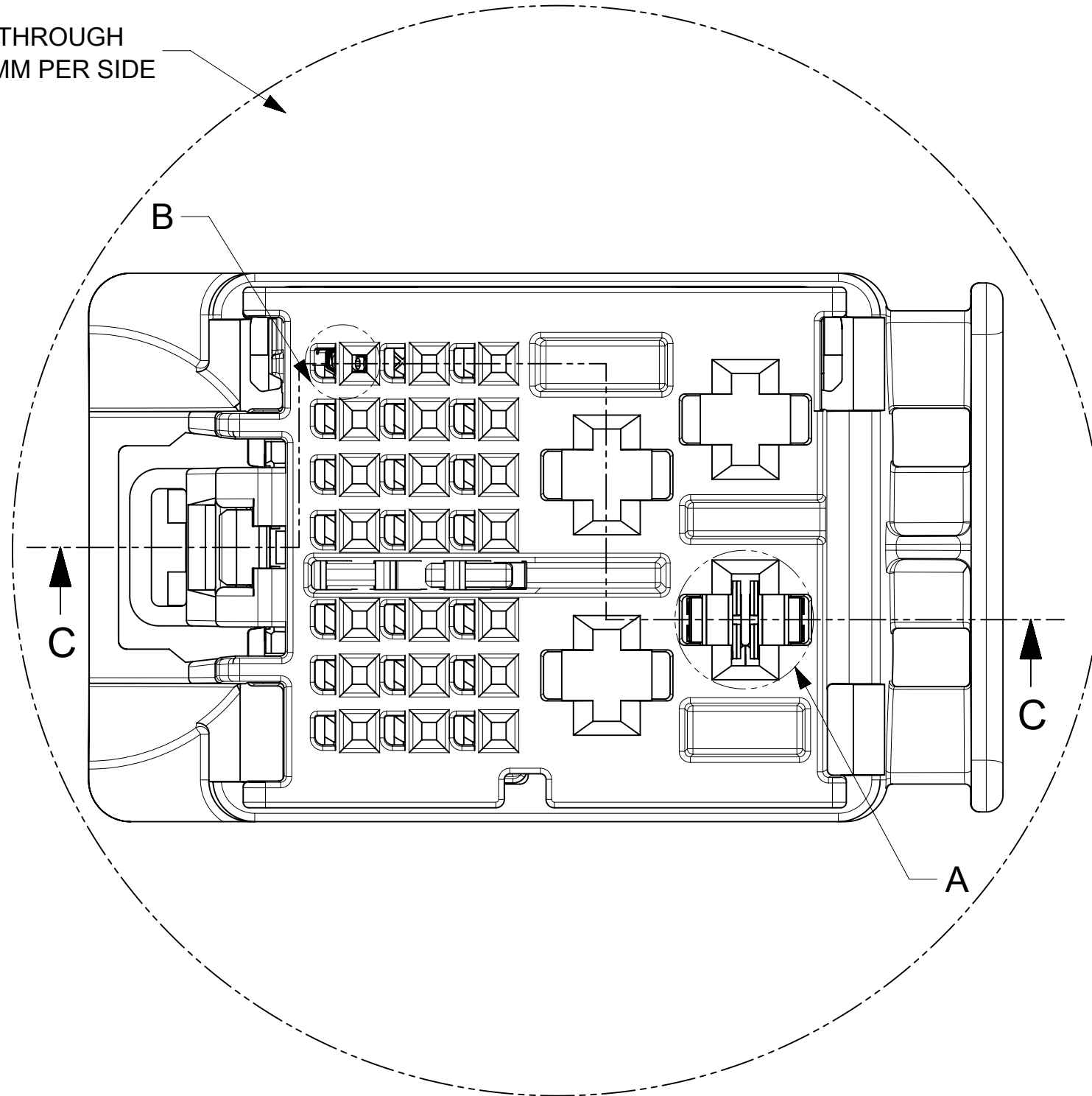
DETAIL A
SCALE 10:1



DETAIL B
SCALE 10:1



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



SECTION C-C

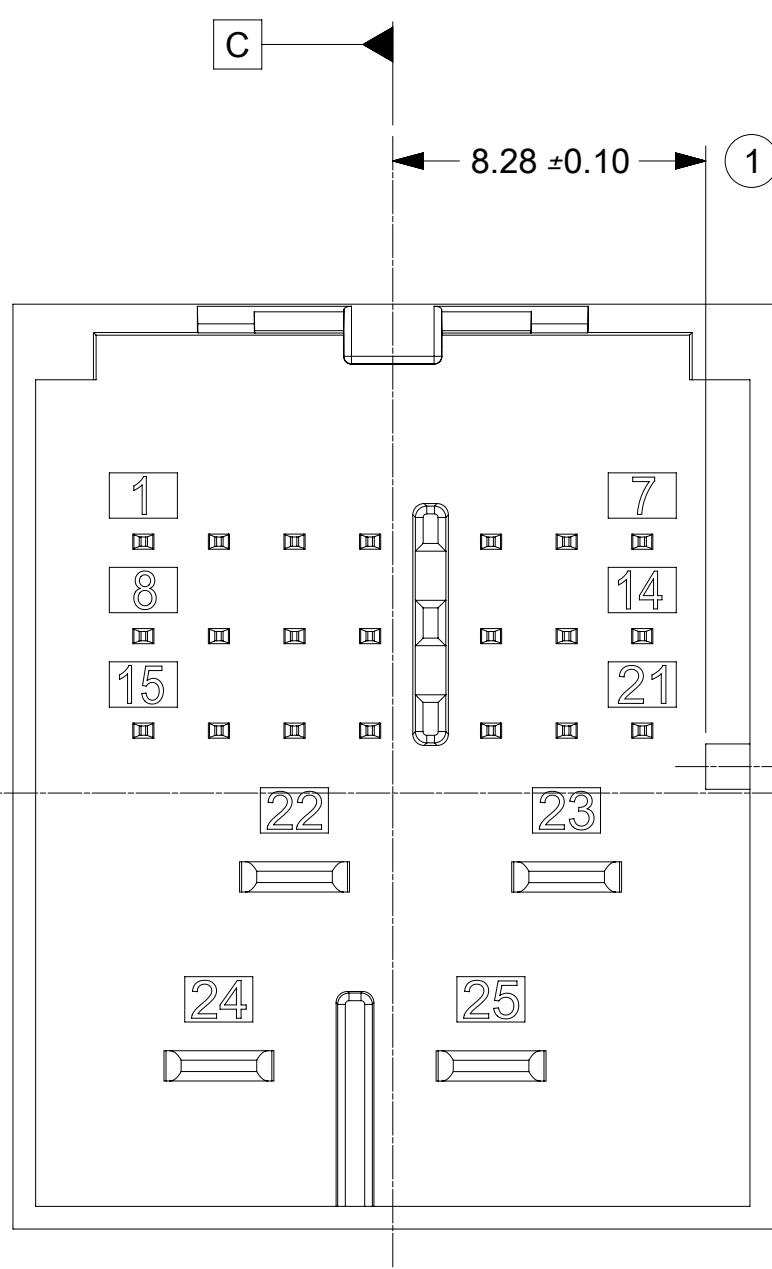
LASER ETCH
DATE CODE

YYDDD
HHMMSS

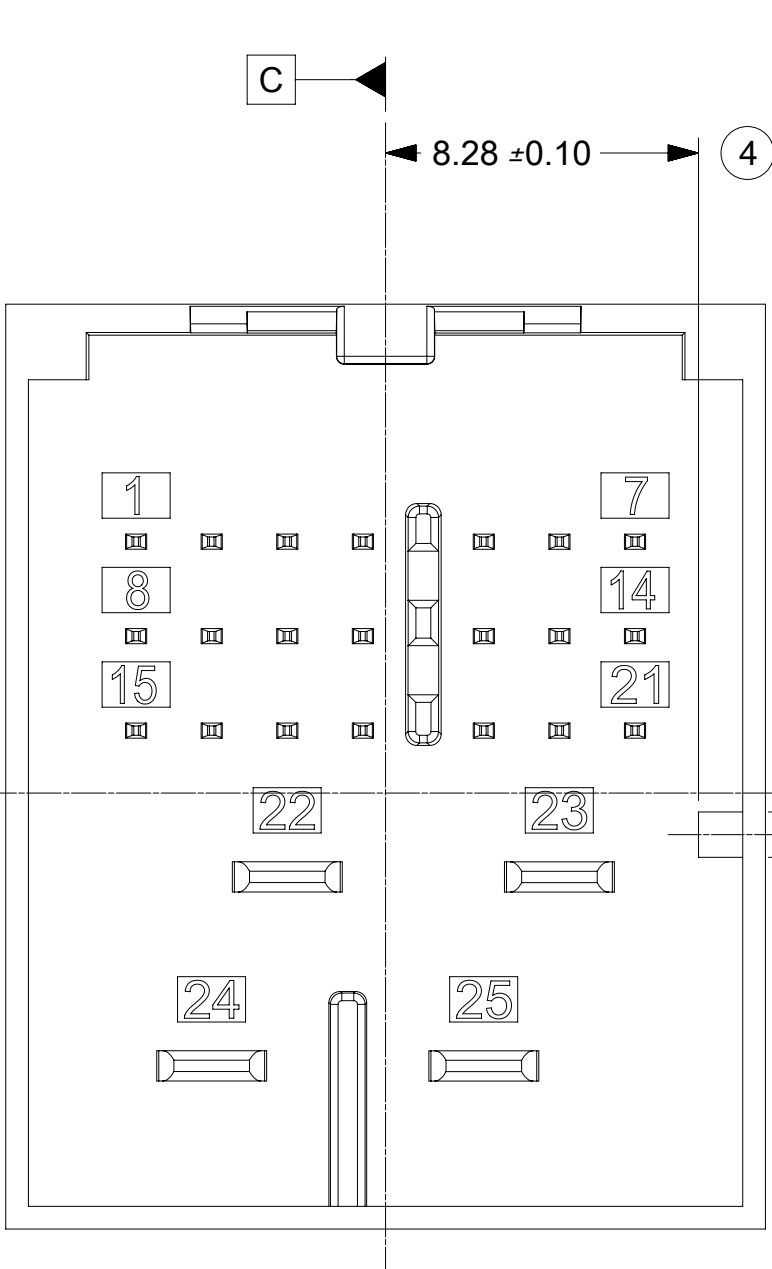
1.30 ±0.30
ISL IN OPEN
POSITION

ISL IN CLOSED
POSITION

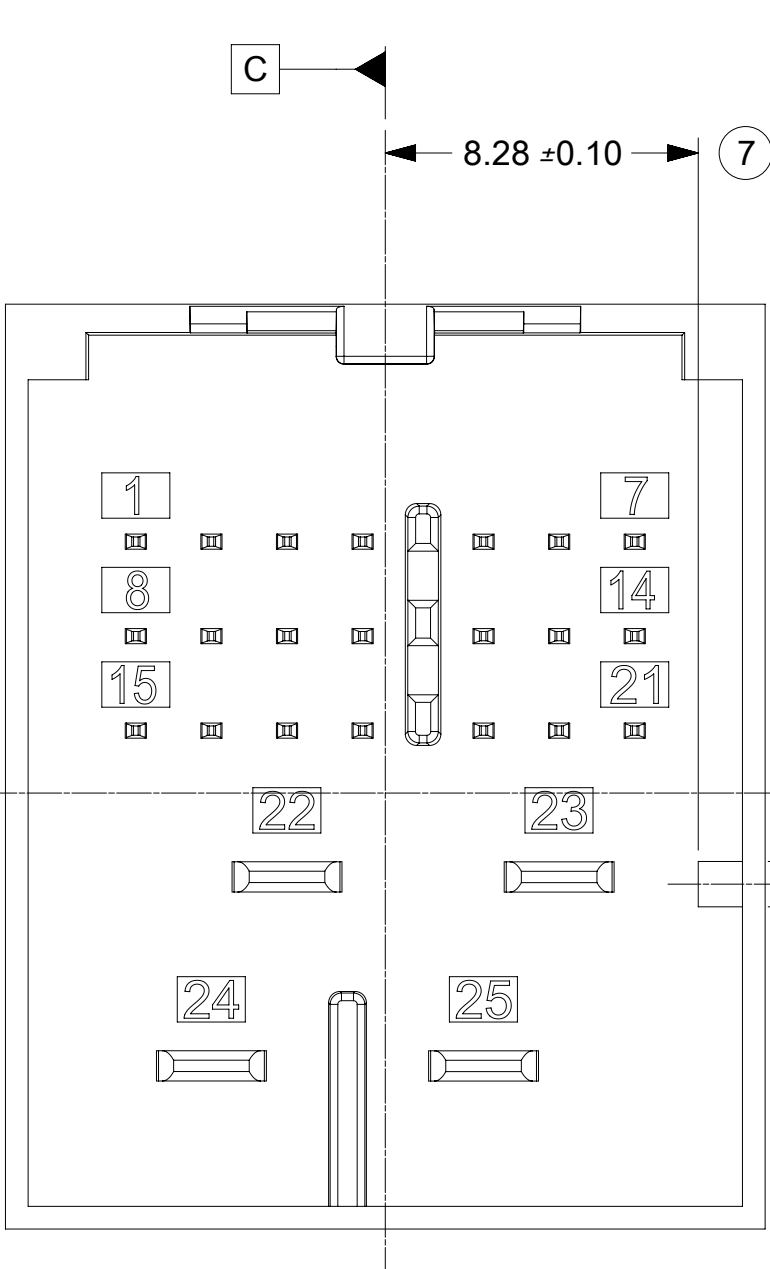
SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED 2.8 CAVITY VIEWS ON SHEET 2				molex 25WAY STAK50H HYBRID CONNECTOR ASSEMBLY					
mm				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



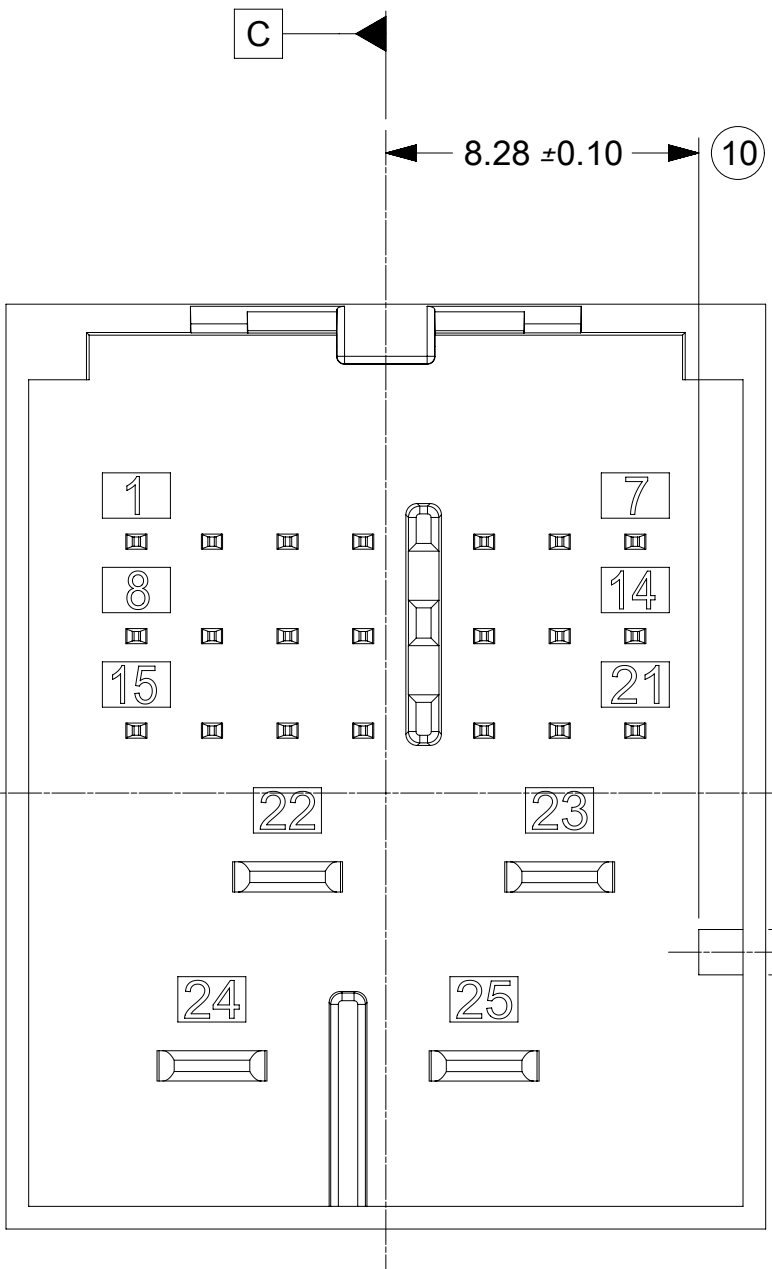
INTERFACE KEY 1 & KEY 5



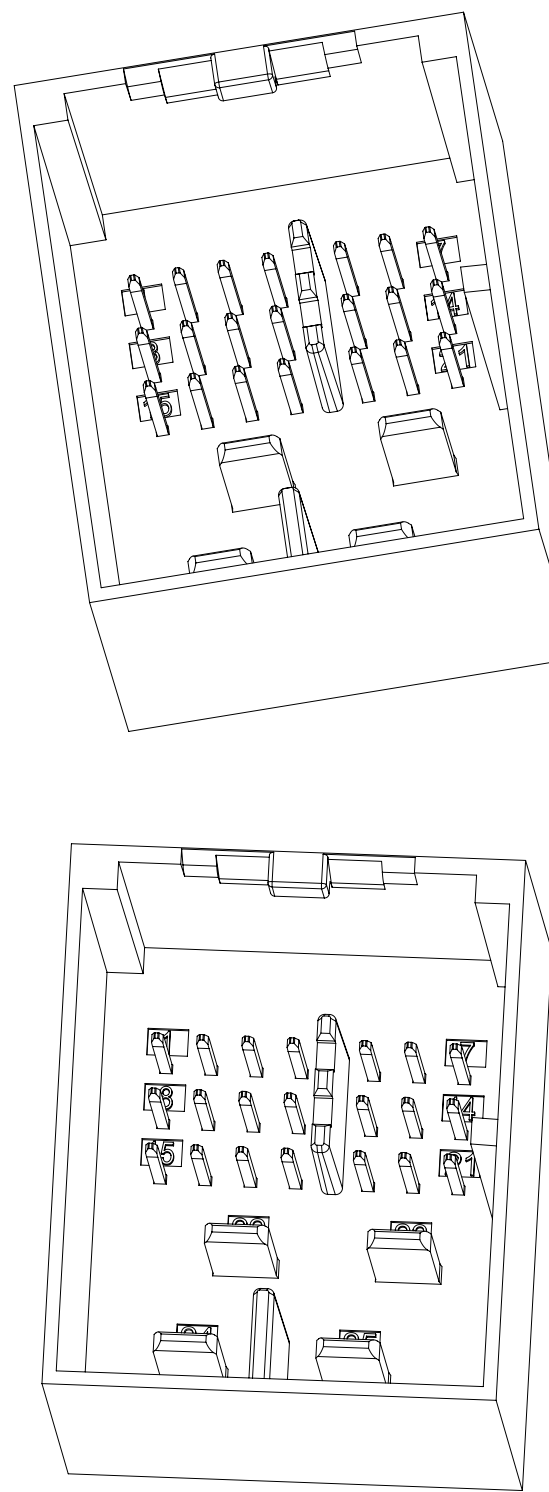
INTERFACE KEY 2 & KEY 6



INTERFACE KEY 3 & KEY 7



INTERFACE KEY 4 & KEY 8



INTERFACE OPTIONS		
KEY	RIB OPTION	MATING CONNECTOR COLOR
1	OPTION A	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

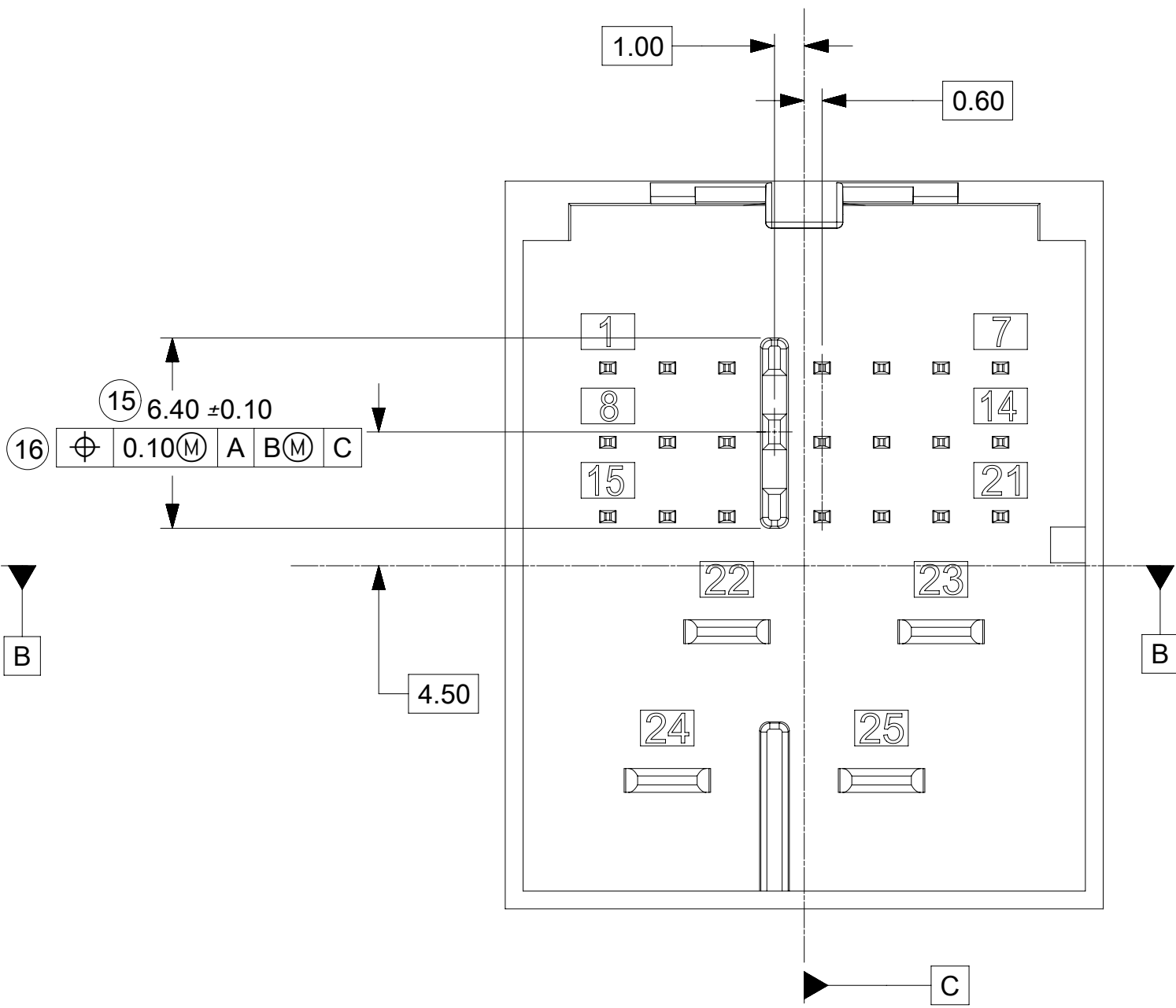
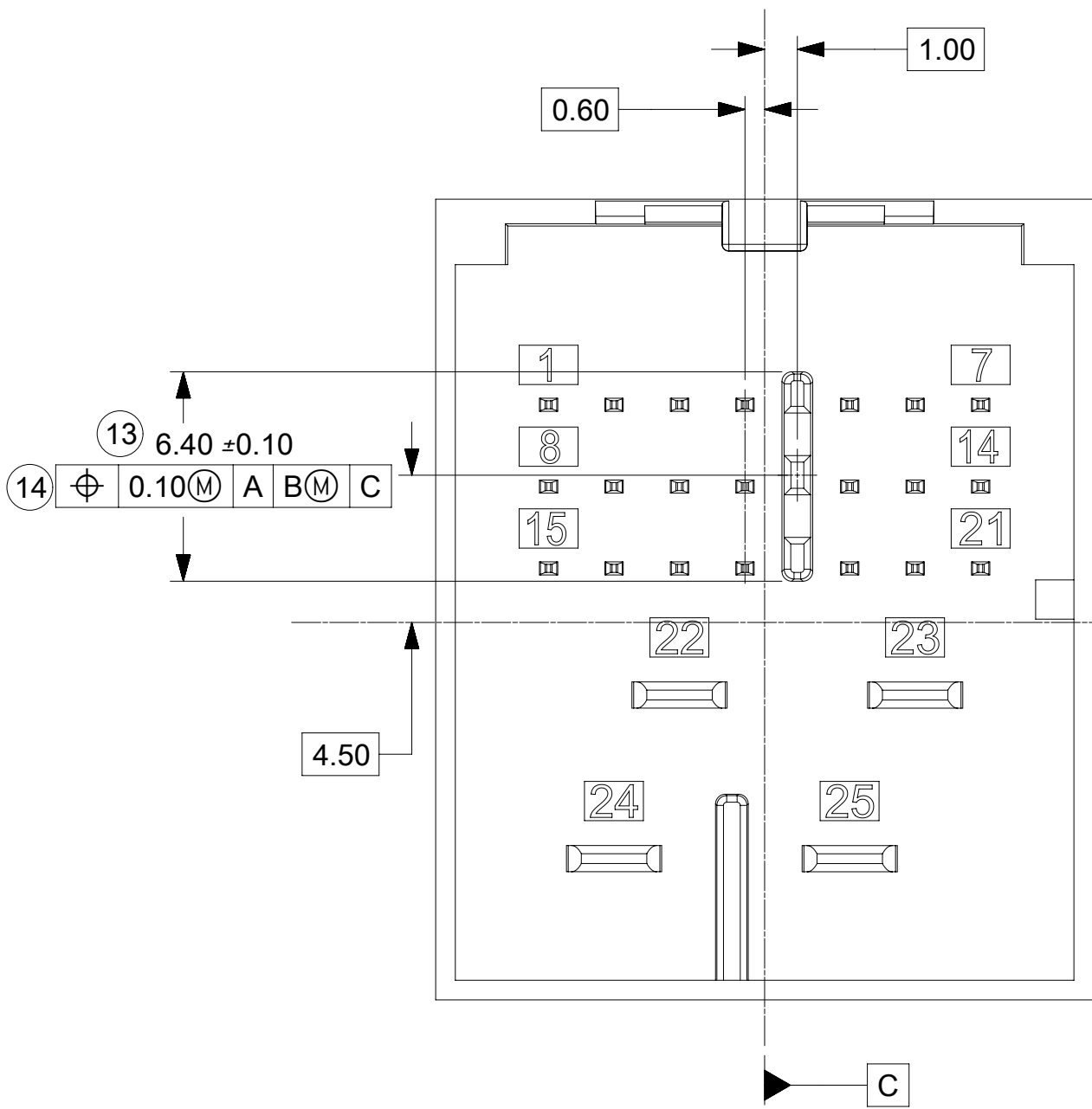
NOTES:VALID UNLESS OTHERWISE SPECIFIED

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.

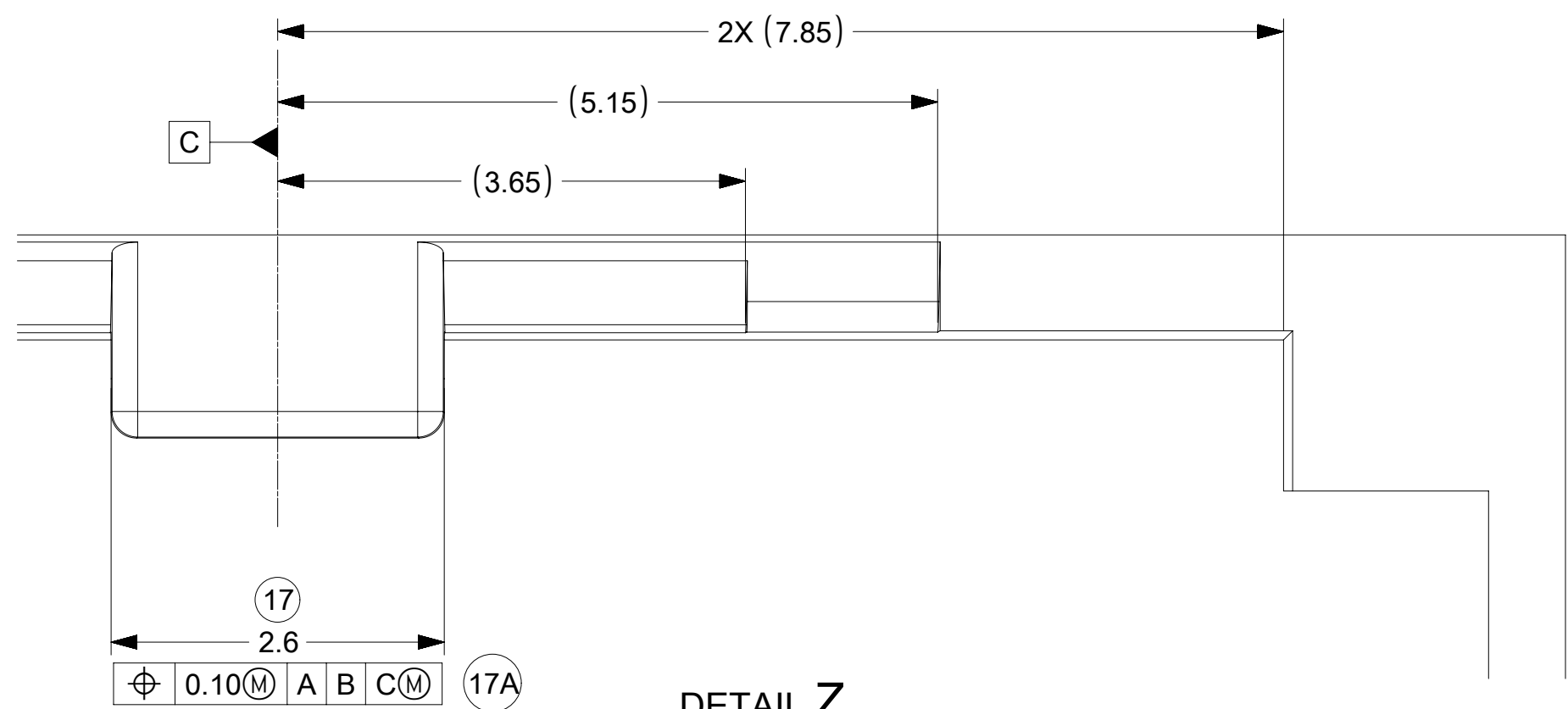
C	ADDED 2.8MM BLADE LENGTH VARIANT FOR MATE FORCE REQUIREMENT ADDED NOTE 1.E.1 CHANGE RECORD: 626144 JPATE 10/22/2019
B1	ADDED BALLOONS JCONDON 08/02/2018
B	REMOVED 0.2MM FROM CONNECTOR LOCK TAB FEATURE
A2	ADDED CIRCUIT IDs
A1	ADDED NOTE 1e, MKOWALSKY 7/7/2017
8	GEOMETRY UPDATED , SPEMMARAJU 02/18/2016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

RIB OPTION A

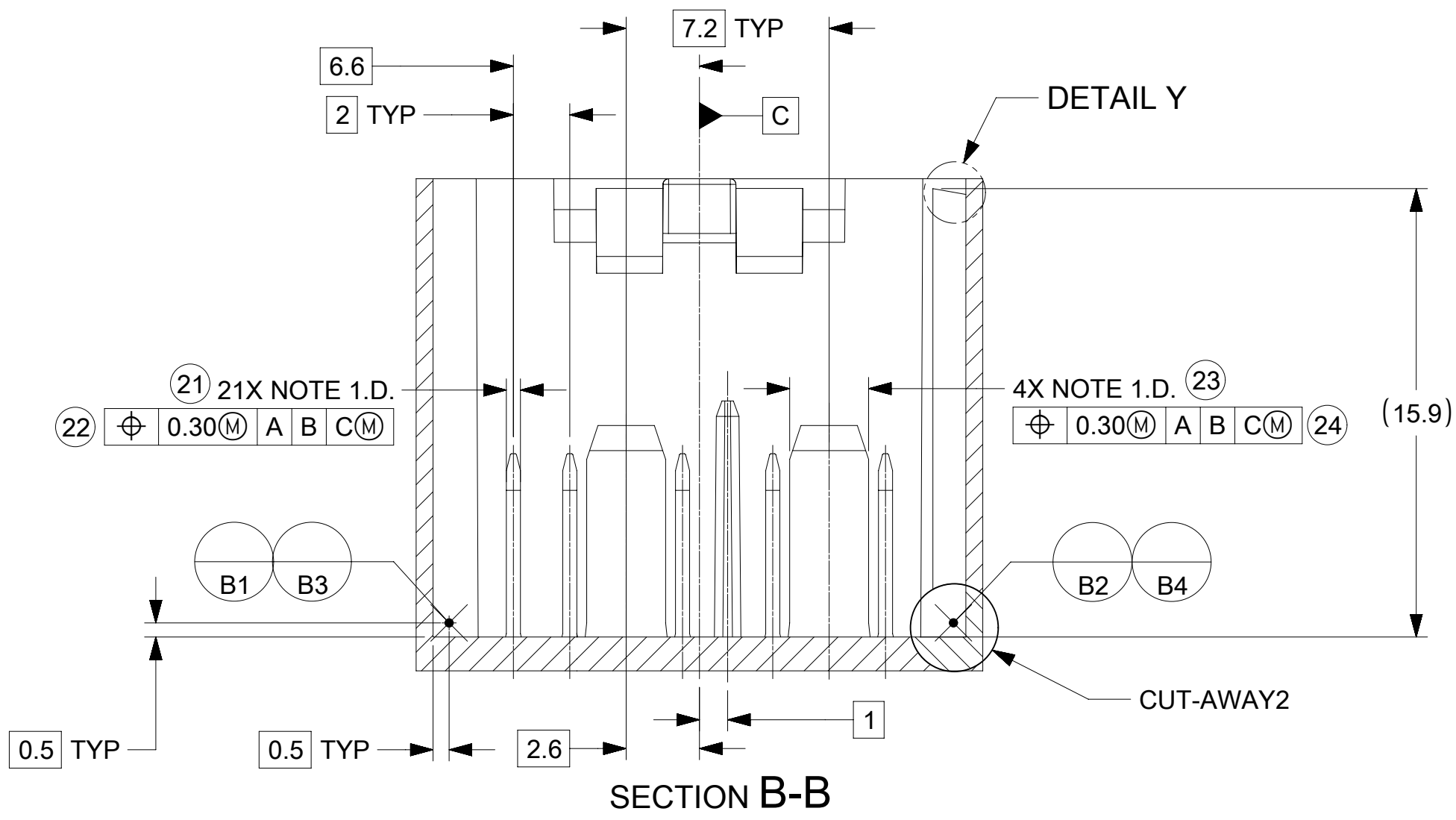
RIB OPTION B



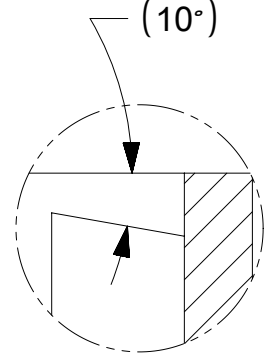
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: ADDED 2.8MM BLADE LENGTH VARIANT FOR MATE FORCE REQUIREMENT ADDED NOTE 1.E.1			25WAY STAK50H INTERFACE DRAWING		
	DIMENSION UNITS	SCALE						
▽ = 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								



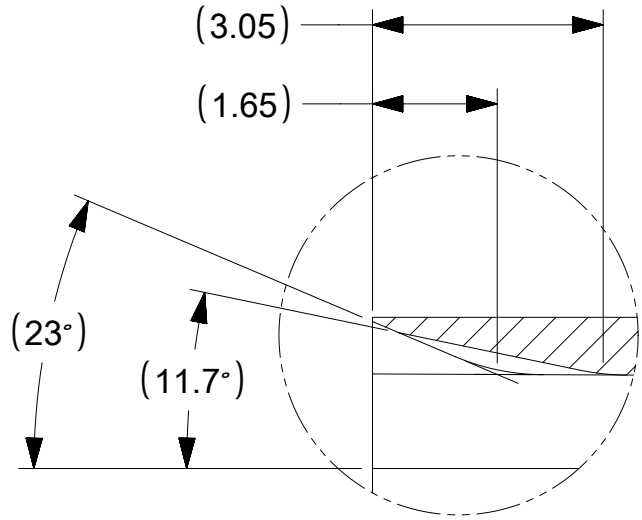
DETAIL Z
SCALE 20:1



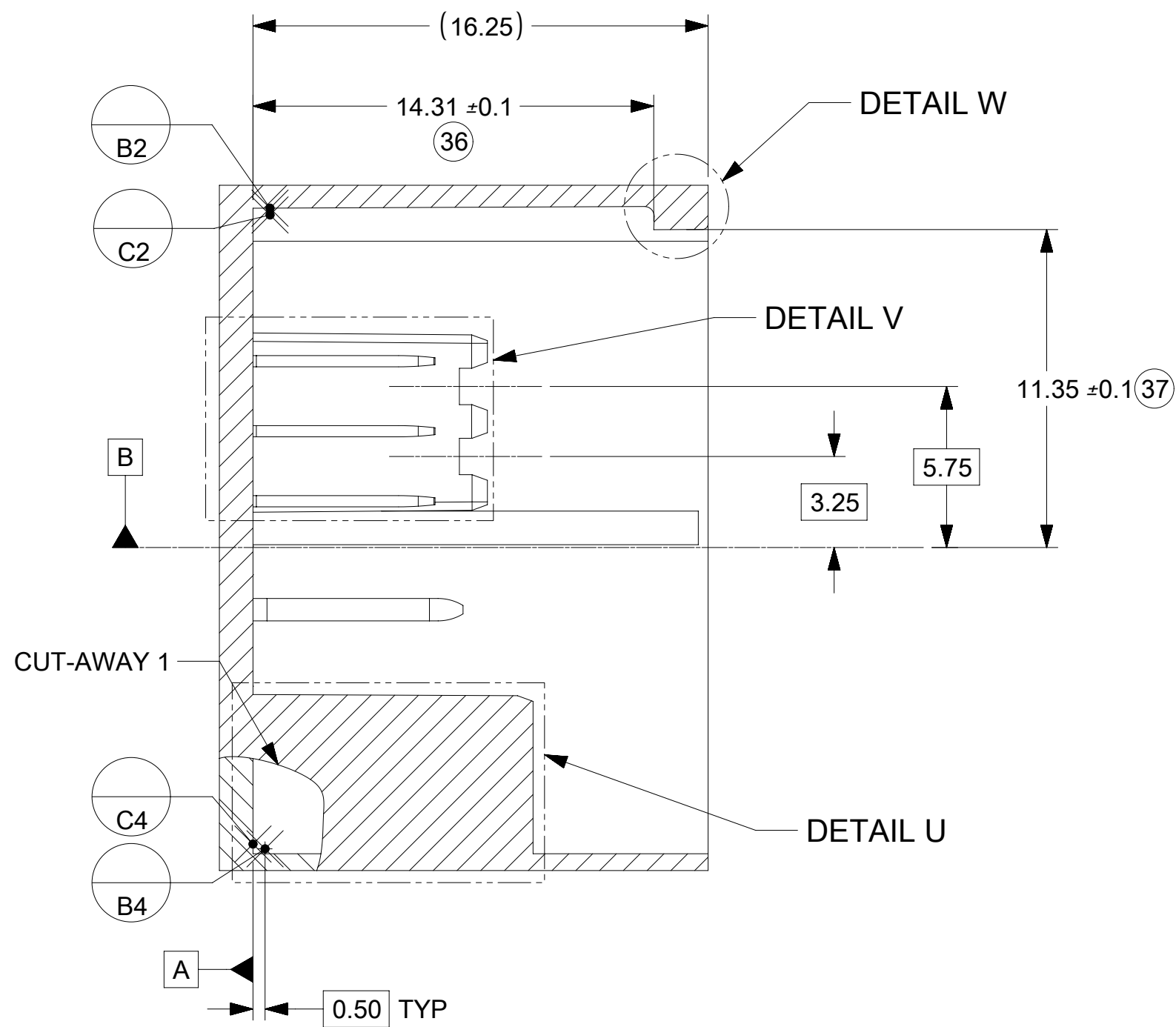
SECTION B-B



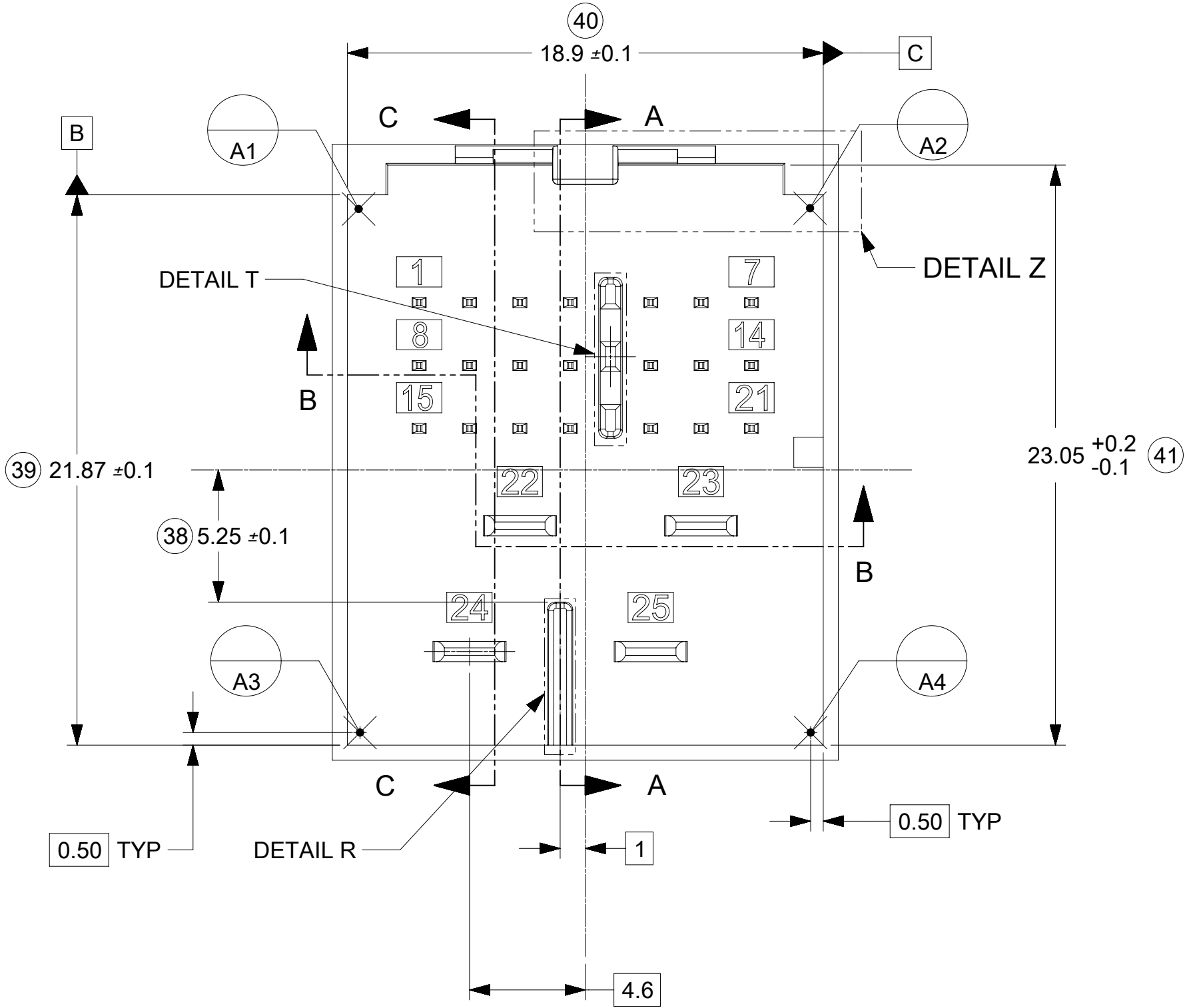
DETAIL Y
SCALE 15:1



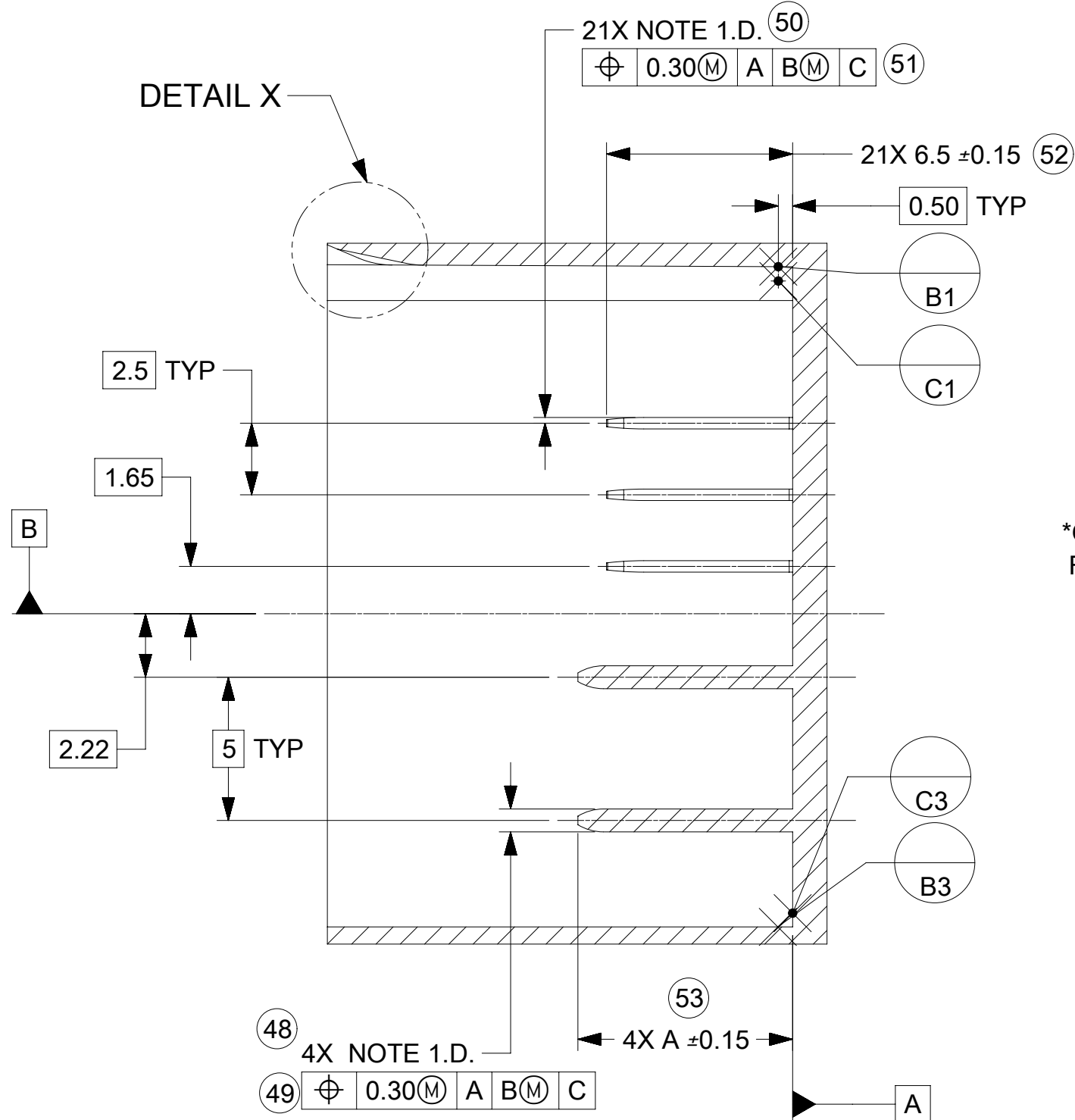
DETAIL X
SCALE 10:1



SECTION A-A



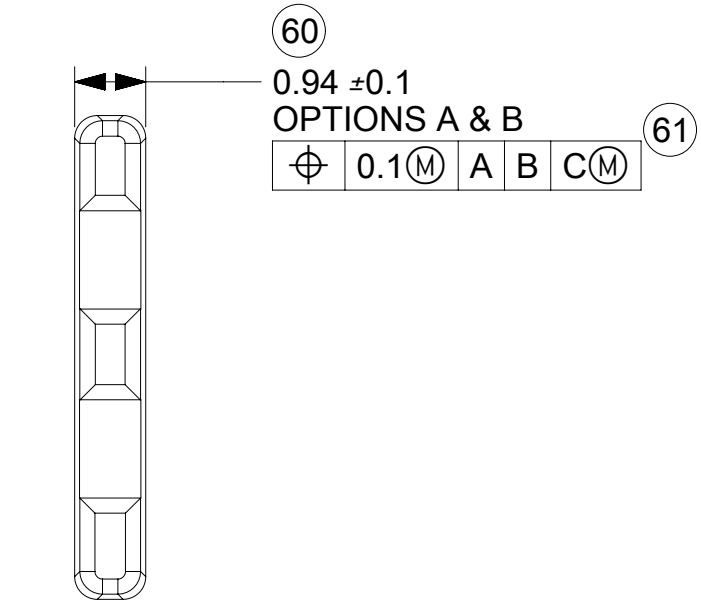
DETAIL U
SCALE 10:1



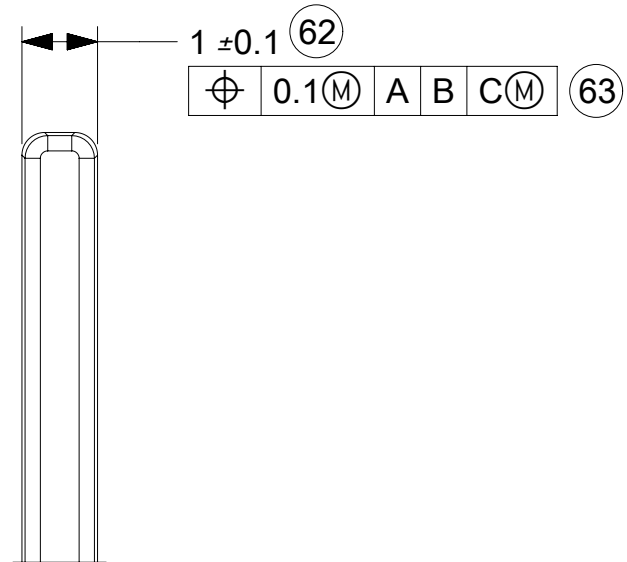
SECTION C-C

CONSTRUCTION	DIM. A (mm)	STATUS
OPTION A	7.5	REVISION B
OPTION B	6.5	REVISION C

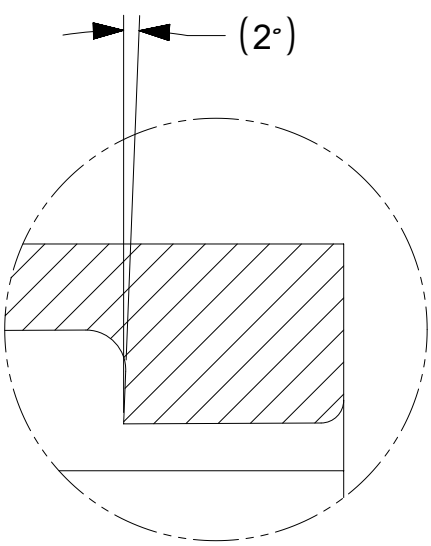
*OPTION B IS THE PREFERRED CONSTRUCTION FOR ALL NEW HEADERS



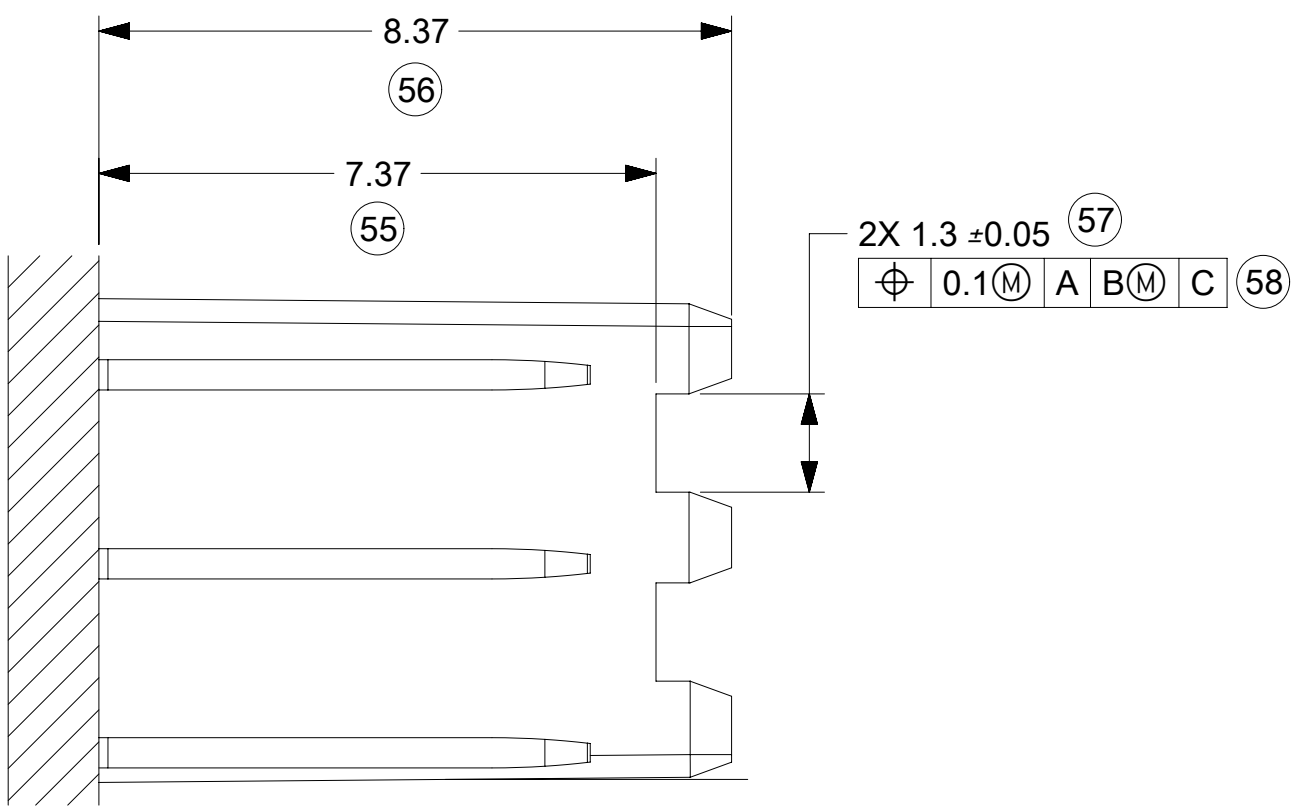
DETAIL T
SCALE 10:1



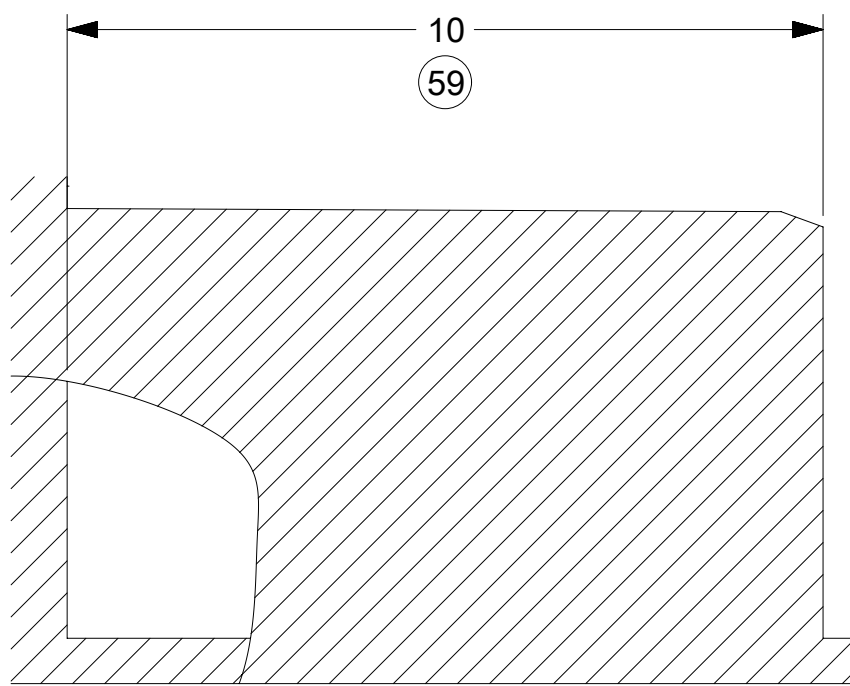
DETAIL R
SCALE 10:1



DETAIL W
SCALE 15:1



DETAIL V
SCALE 10:1



DETAIL U
SCALE 10:1

SYMBOLS										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS										SCALE									
= 0										mm									
= 0										GENERAL TOLERANCES (UNLESS SPECIFIED)									
= 0										ANGULAR TOL ± °									
= 0										4 PLACES ±									
= 0										3 PLACES ±									
= 0										2 PLACES ±									
= 0										1 PLACE ±									
= 0										0 PLACES ±									
= 0										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
= 0										THIRD ANGLE PROJECTION									
= 0										DRAWING									
= 0										D-SIZE									
= 0										SERIES									
= 0										160027									
= 0										MATERIAL NUMBER									
= 0										CUSTOMER									
= 0										GENERAL MARKET									
= 0										SHEET NUMBER									
= 0										2 OF 3									

molex

25WAY STAK50H
INTERFACE DRAWING

PRODUCT CUSTOMER DRAWING

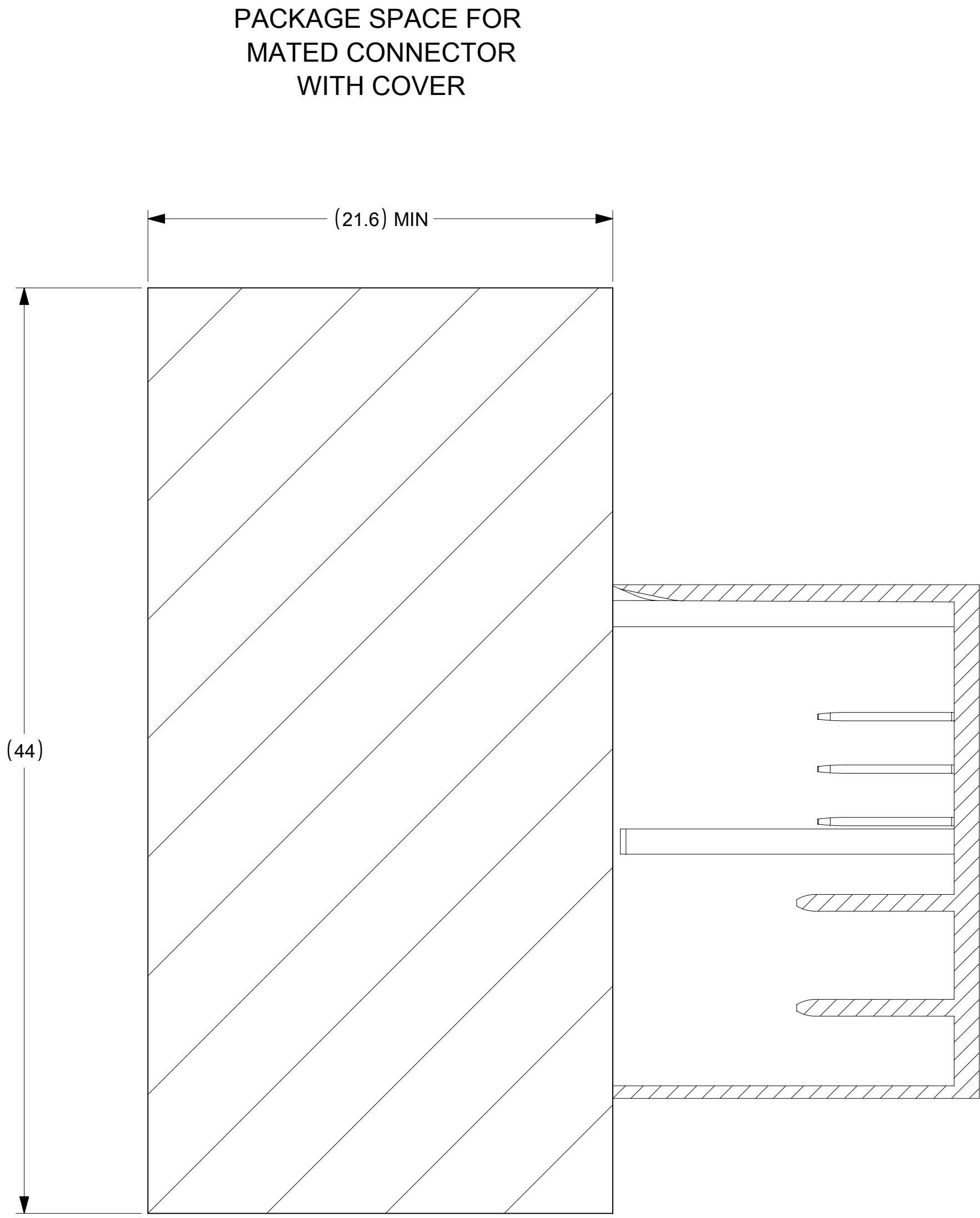
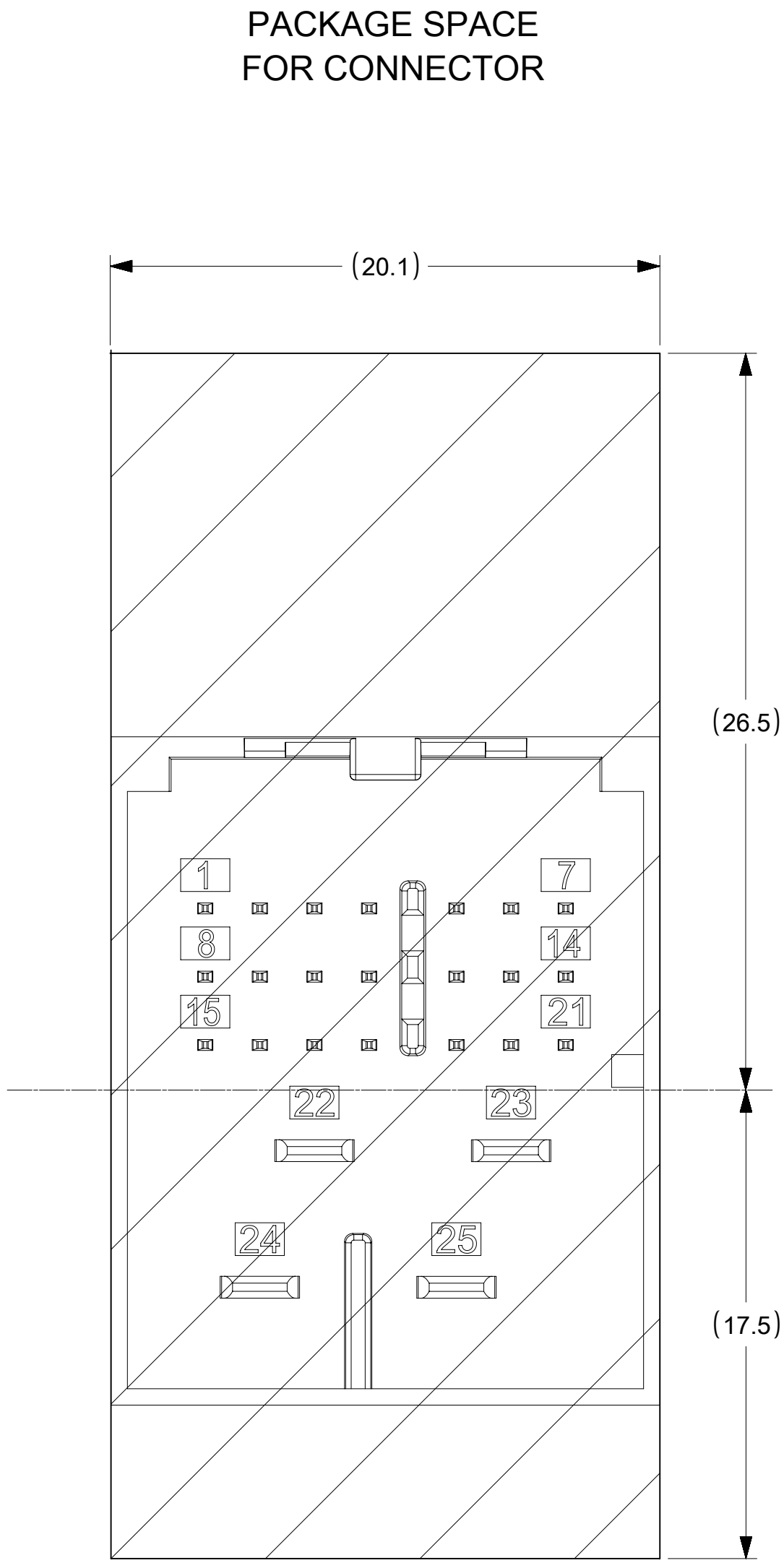
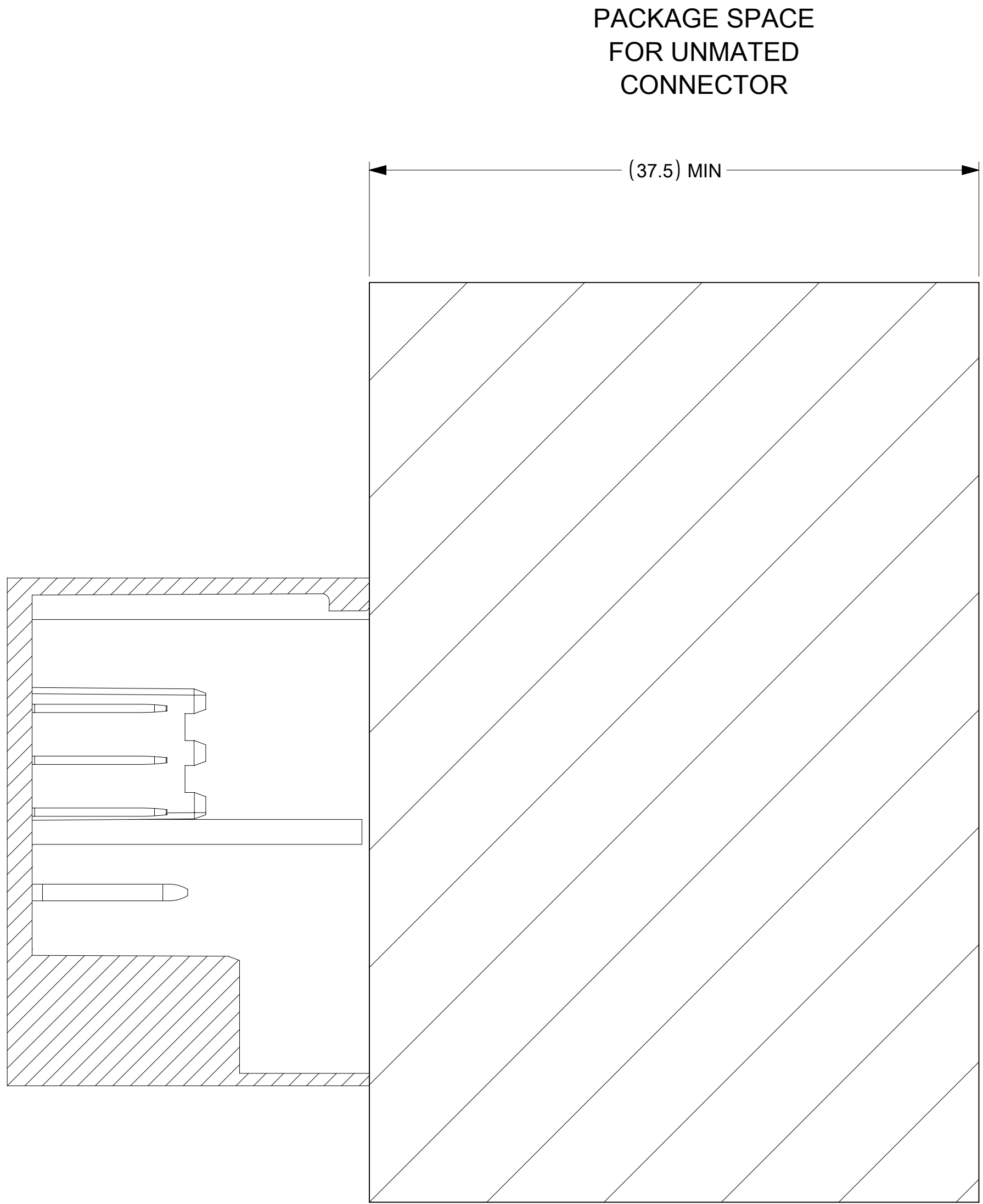
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-160027-002	PSD	000	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	2 OF 3

CURRENT REV DESC: ADDED 2.8MM BLADE
LENGTH VARIANT FOR MATE FORCE
REQUIREMENT ADDED NOTE 1.E.1

EC NO: 626144
DRWN: JCONDON 2019/09/19
CHK'D: DLANGOLF 2019/10/22
APPR: JCONDON 2019/10/23

INITIAL REVISION:
DRWN: SPEMMARAJU 2015/11/03
APPR: KDEKOSKI 2016/03/24



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						25WAY STAK50H INTERFACE DRAWING
	ANGULAR TOL ± °										
	4 PLACES							PRODUCT CUSTOMER DRAWING			
	3 PLACES										
	2 PLACES		±		DOCUMENT NUMBER SD-160027-002						DOC TYPE PSD
	1 PLACE		±								
	0 PLACES		±		INITIAL REVISION: DRWN: SPEMMARAJU 2015/11/03 APPR: KDEKOSKI 2016/03/24			MATERIAL NUMBER CUSTOMER GENERAL MARKET			SHEET NUMBER 3 OF 3
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION								

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).



Телефон: 8 (812) 309-75-97 (многоканальный)

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