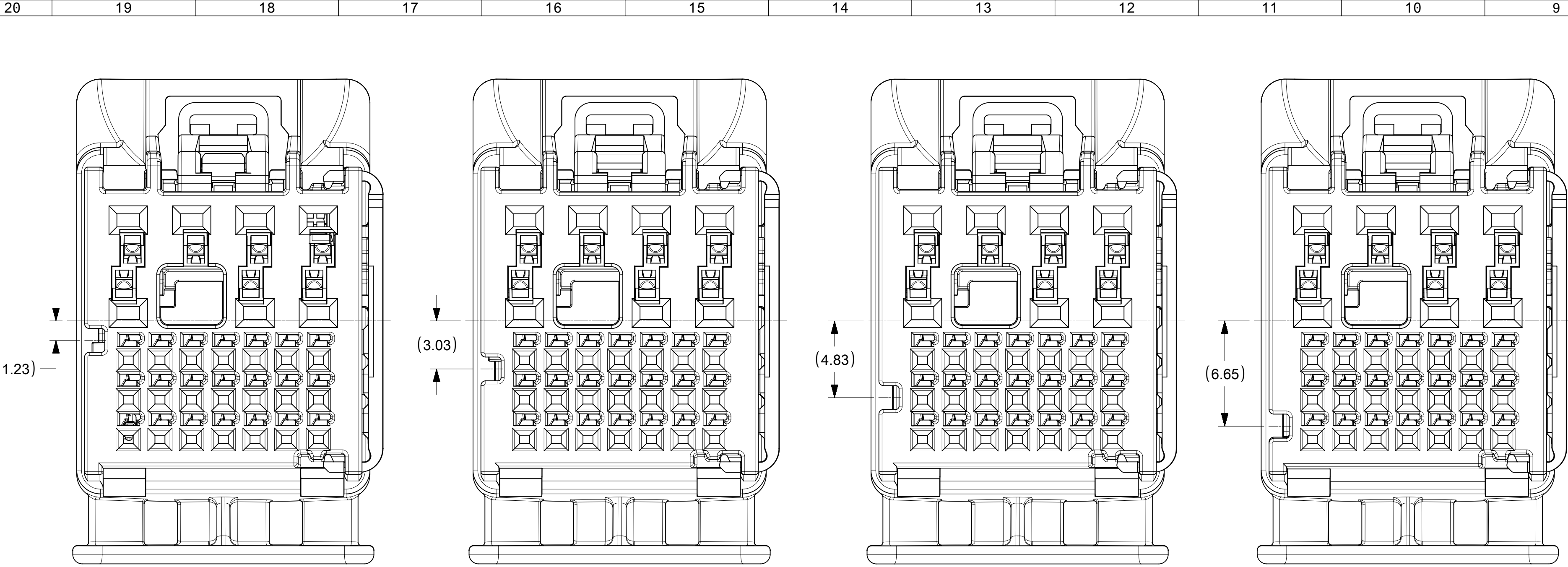


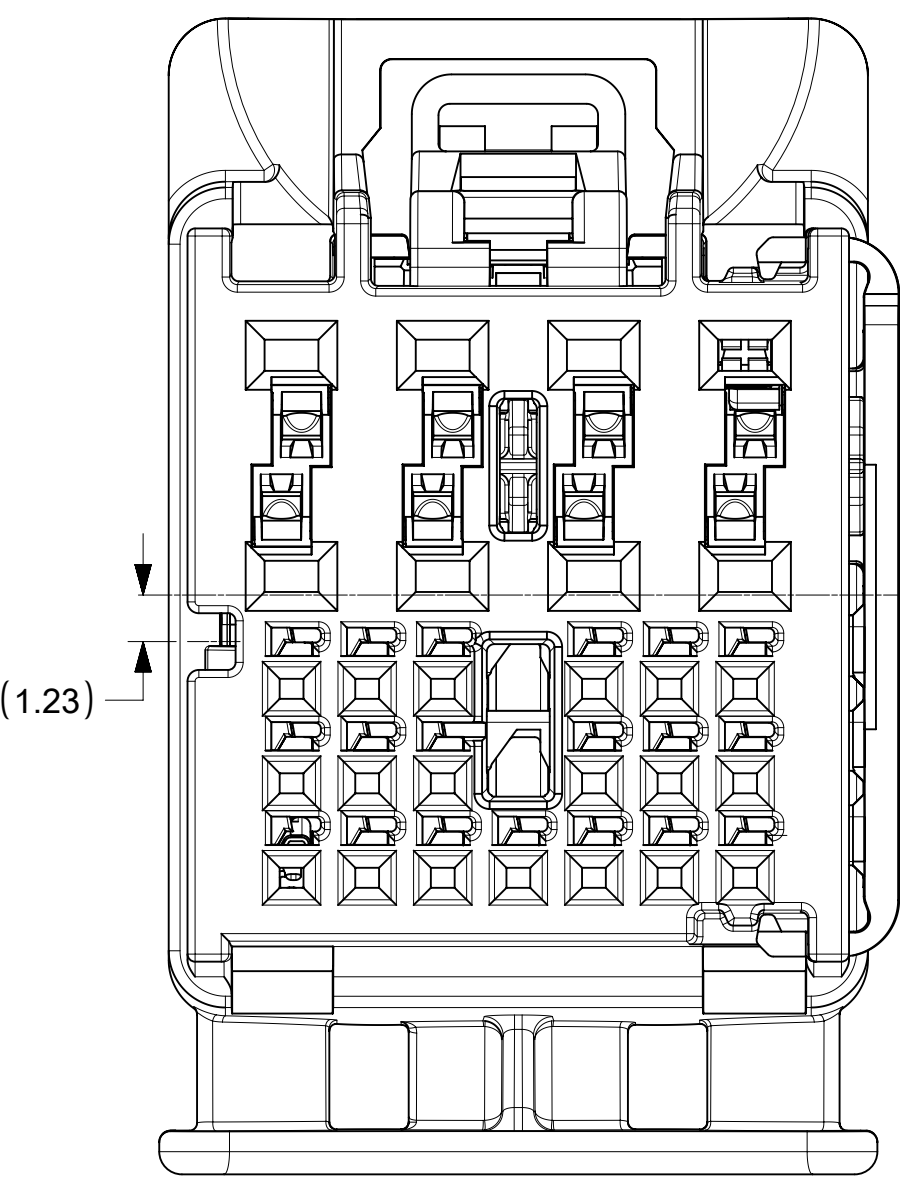


28 WAY CONNECTOR ASSY
KEY 1
P/N 1600140011

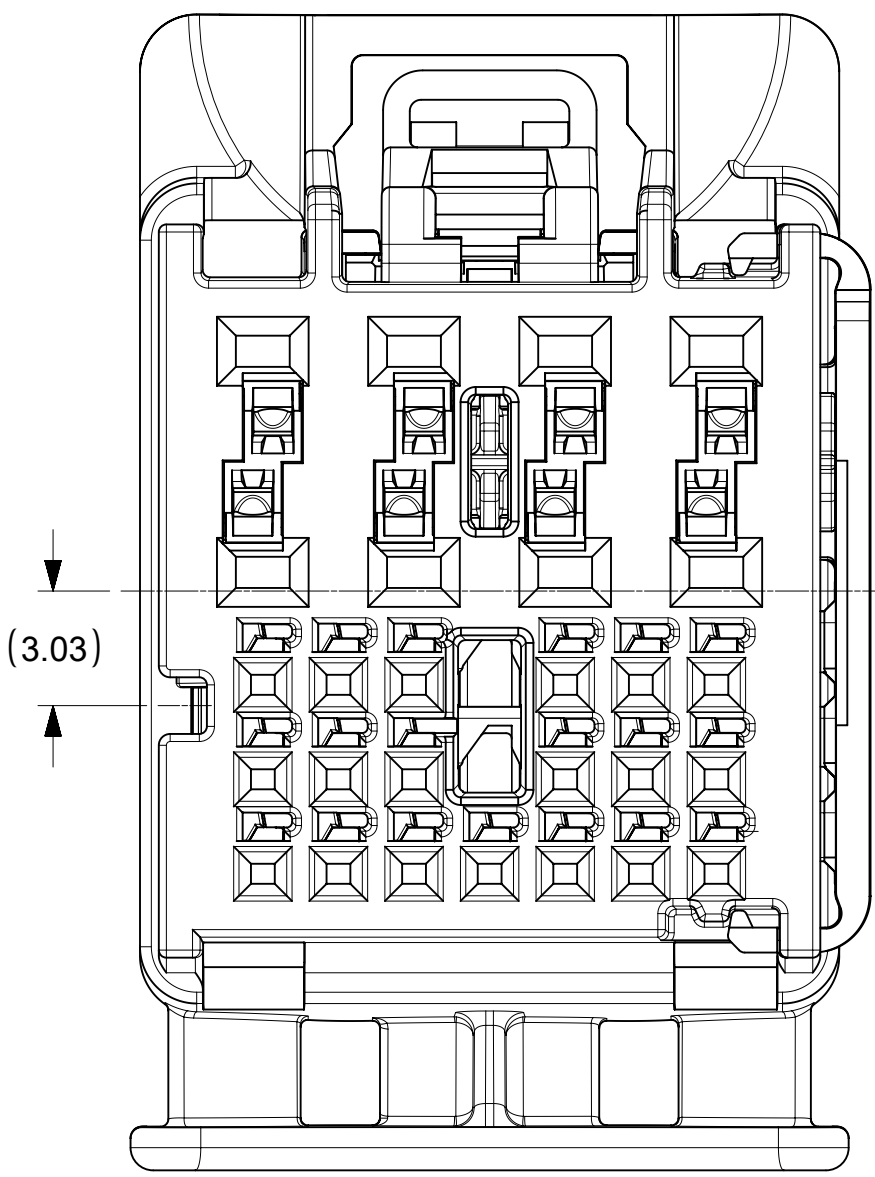
28 WAY CONNECTOR ASSY
KEY 2
P/N 1600140012

28 WAY CONNECTOR ASSY
KEY 3
P/N 1600140013

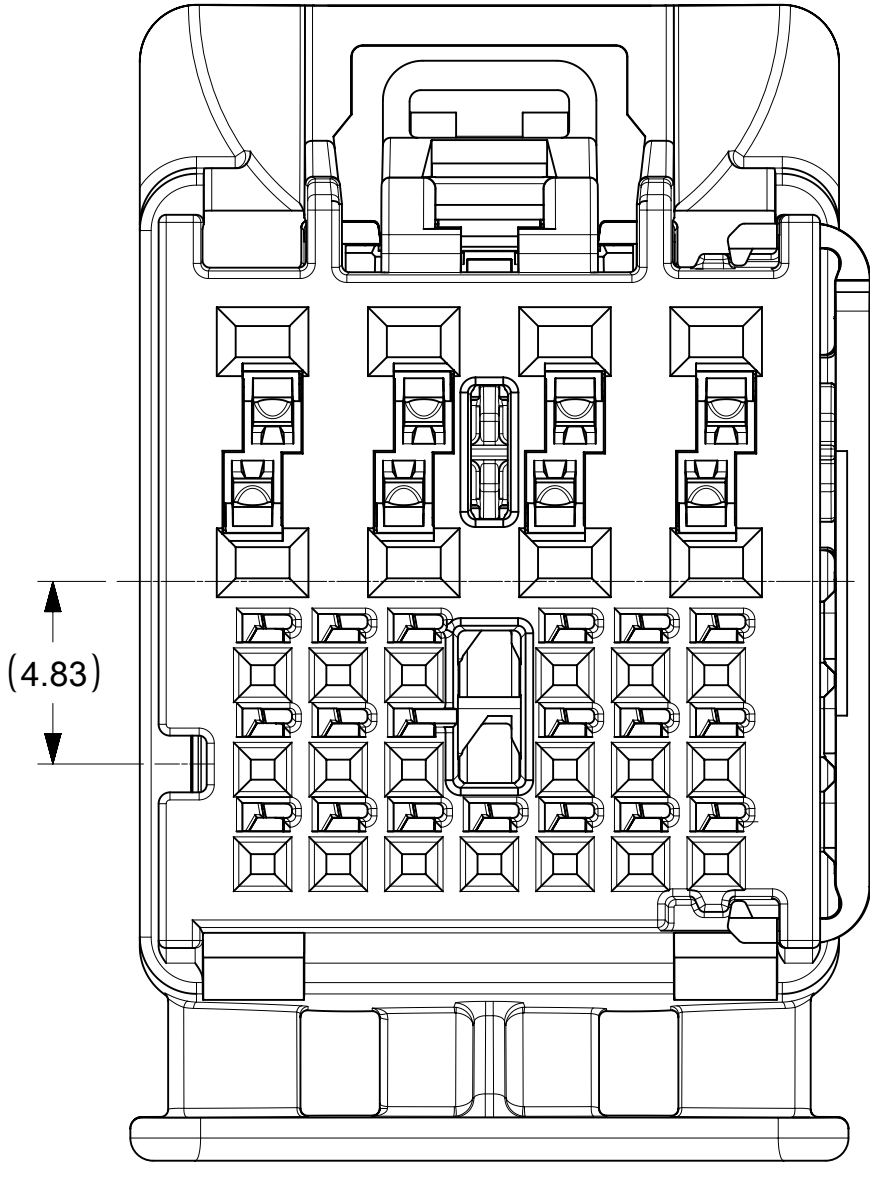
28 WAY CONNECTOR ASSY
KEY 4
P/N 1600140014



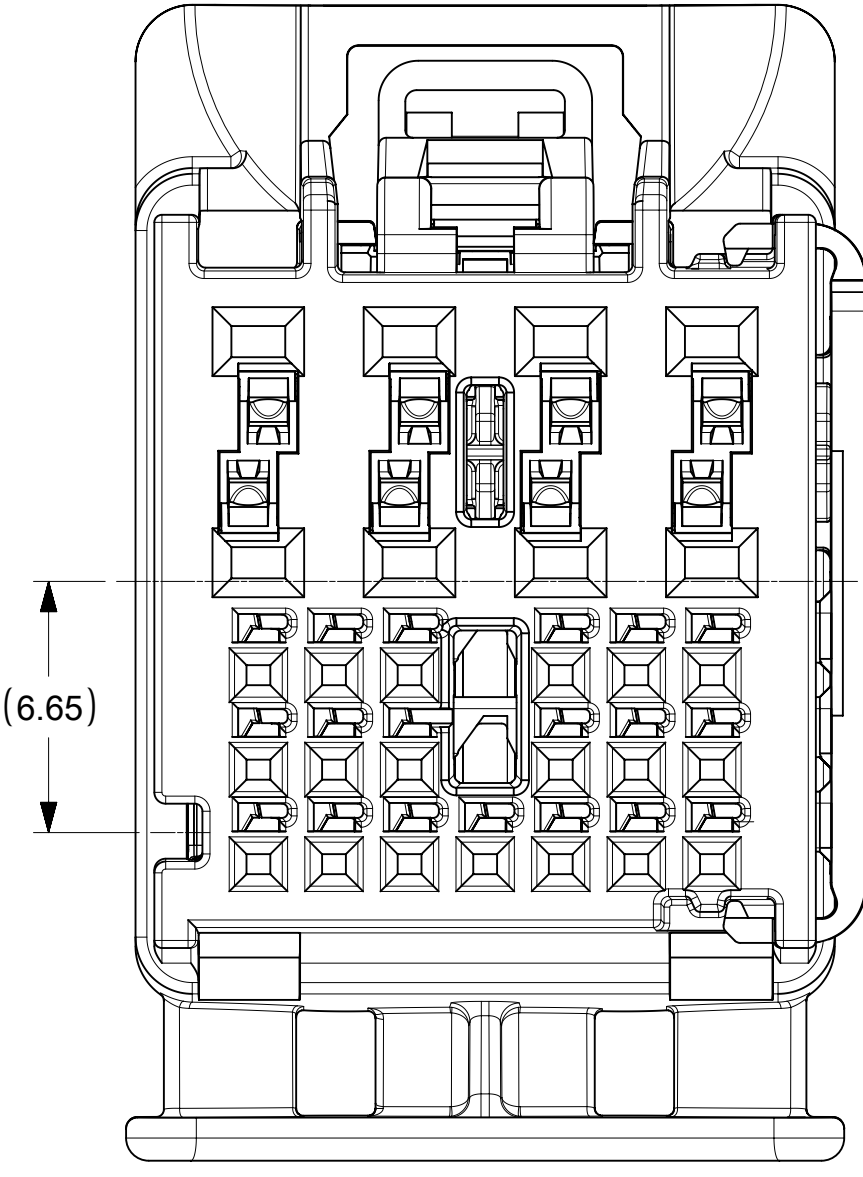
27 WAY CONNECTOR ASSY
KEY 1
P/N 1600290011



27 WAY CONNECTOR ASSY
KEY 2
P/N 1600290012



27 WAY CONNECTOR ASSY
KEY 3
P/N 1600290013



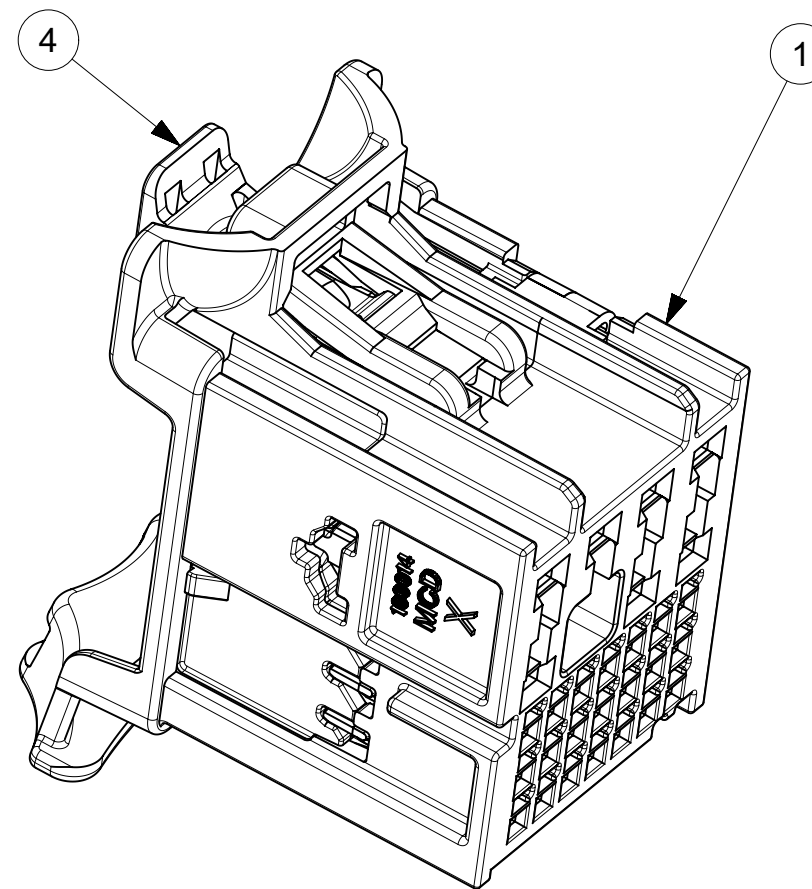
27 WAY CONNECTOR ASSY
KEY 4
P/N 1600290014

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)	
35072403	TIN PLATING	DELPHI	0.35 - 0.5	TAXI TERM OCS 1.2	
35072404	TIN PLATING	DELPHI	0.75 - 0.8		
35072405	TIN PLATING	DELPHI	0.8 - 1.0		
35072406	TIN PLATING	DELPHI	1.25 - 1.5		GMW 15626 INSULATION TYPE FLR (REGULAR THIN WALL)
SMSA-A031T-M1.2	TIN PLATING	JST	0.5 - 0.75	MSA 1.2mm TERMINAL	
SMSA-A041T-M1.2	TIN PLATING	JST	1.0 - 1.5	MSA 1.2mm TERMINAL	

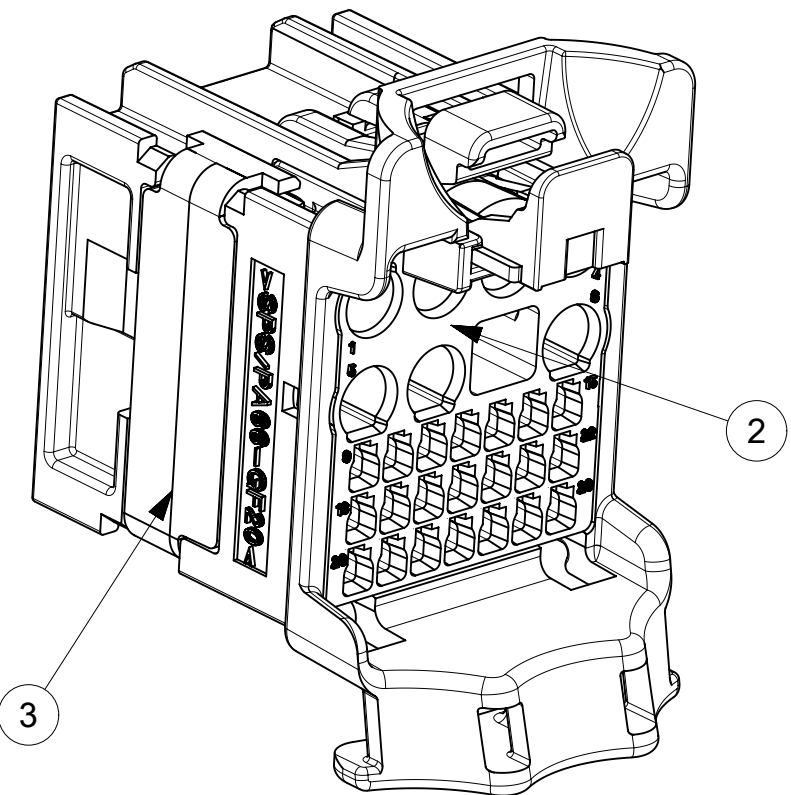
NOTES: VALID UNLESS OTHERWISE SPECIFIED

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 Y14.5-2009
 - 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)



SCALE 3:1



SCALE 3:1

INSPECTION BALLOON NUMBER LOG
PER DRAWING REVISION : A5
LAST BALLOON NUMBER: 2
ADDED BALLOON NUMBER: NONE
DELETED BALLOON NUMBER: NONE

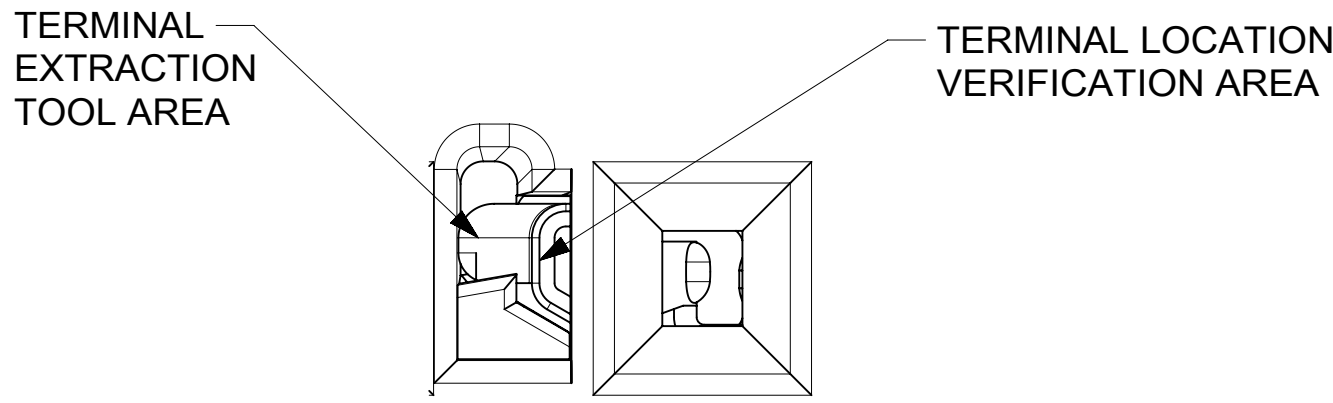
A5	UPDATED DELPHI 1.2 TERMINAL PNS 10-Apr-2020 YPENG47 ECN 635661
A4	UPDATED ISL TO PRE-LOCK(SHIPMENT) STATUS 31-Mar-2020 YPENG47 ECN 635045
REVISION	DESCRIPTION

MOLEX ASSEMBLY PART NO.'S	CIRCUIT COUNT	KEY	OUTER SHROUD COLOR	COMPONENTS							
				ITEM 1				ITEM 2	ITEM 3	ITEM 4	
				OUTER SHROUD KEY 1	OUTER SHROUD KEY 2	OUTER SHROUD KEY 3	OUTER SHROUD KEY 4	INNER HOUSING	ISL	CPA	
				SPS/PA66-GF20 1600140511	SPS/PA66-GF20 1600140512	SPS/PA66-GF20 1600140513	SPS/PA66-GF20 1600140514	SPS/PA66-GF20 1600140701	SPS-GF30 1600140601	PA66-GF50 1600140703	
1600140011	28	1	DARK GRAY	1				STONE GRAY	1	1	
1600140012	28	2	LT GREEN A		1			STONE GRAY	1	1	
1600140013	28	3	LT GRAY			1		STONE GRAY	1	1	
1600140014	28	4	BLACK				1	STONE GRAY	1	1	
1600290011	27	1	BLACK	1600290511 1	1600290512	1600290513	1600290514	1600290701	1600290601	1600140703 1	
1600290012	27	2	LT GREEN B		1			DARK GRAY	1	1	
1600290013	27	3	LT BLUE B			1		DARK GRAY	1	1	
1600290014	27	4	PURPLE C				1	DARK GRAY	1	1	

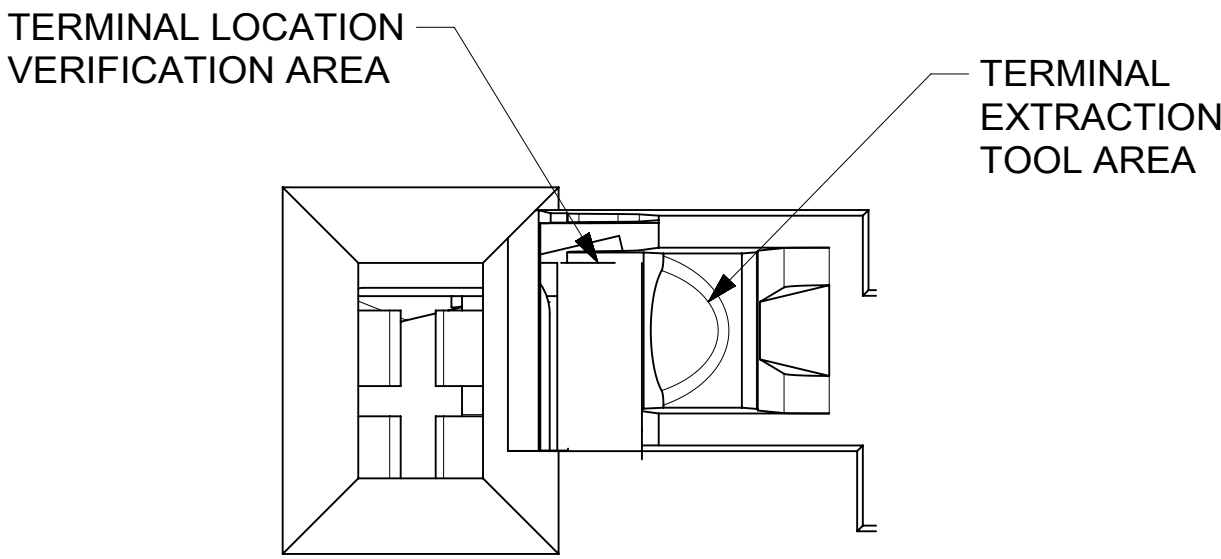
FUNCTIONAL SYMBOLS FA = 0 FE = 0 FP = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED DELPHI 1.2 TERMINAL PNS				molex 28 WAY STAK50H HYBRID ASSEMBLY CONNECTOR ASSEMBLY					
	mm		5:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)								PRODUCT CUSTOMER DRAWING					
	ANGULAR TOL ± 3.0 °													
	4 PLACES		±		EC NO: 635661									
	3 PLACES		±		DRWN: YPENG47 2020/04/10									
	2 PLACES		± 0.3		CHK'D: JCONDON 2020/04/15									
	1 PLACE		± 0.3		APPR: JCONDON 2020/04/15									
	0 PLACES		± 0.3		INITIAL REVISION:									
				DRWN: RCARLSON 2019/02/14										
				APPR: JCONDON 2019/02/25										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
						D-SIZE		160014		1600140011		PSD	000	A5
										MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
												GENERAL MARKET		1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/04/15 04:21:22
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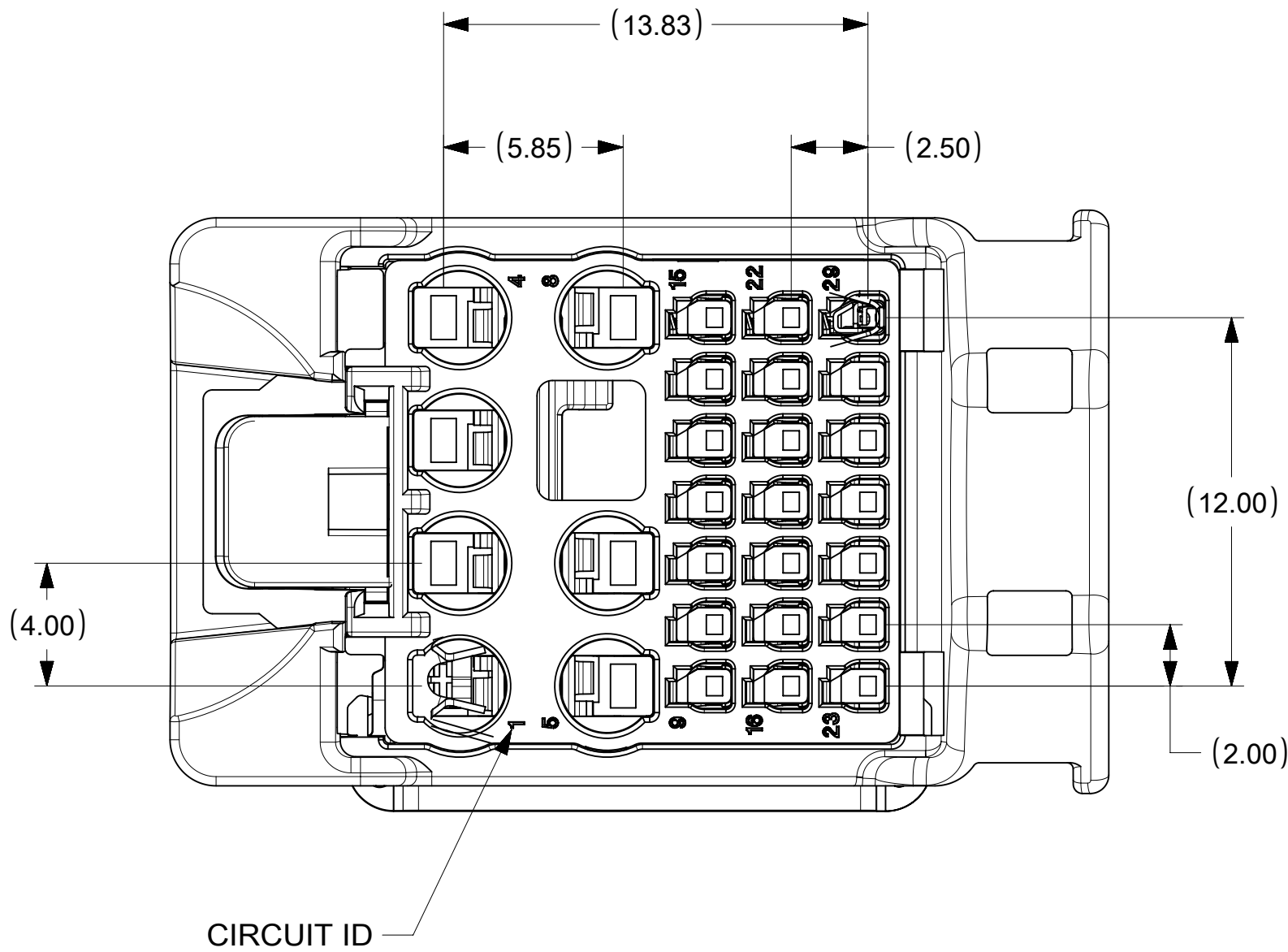
NOTE: 28 WAY CONNECTOR VARIANT SHOWN.
DIMENSIONS APPLY TO ALL CONNECTOR VARIANTS OF 29 WAY



DETAIL A
SCALE 20:1

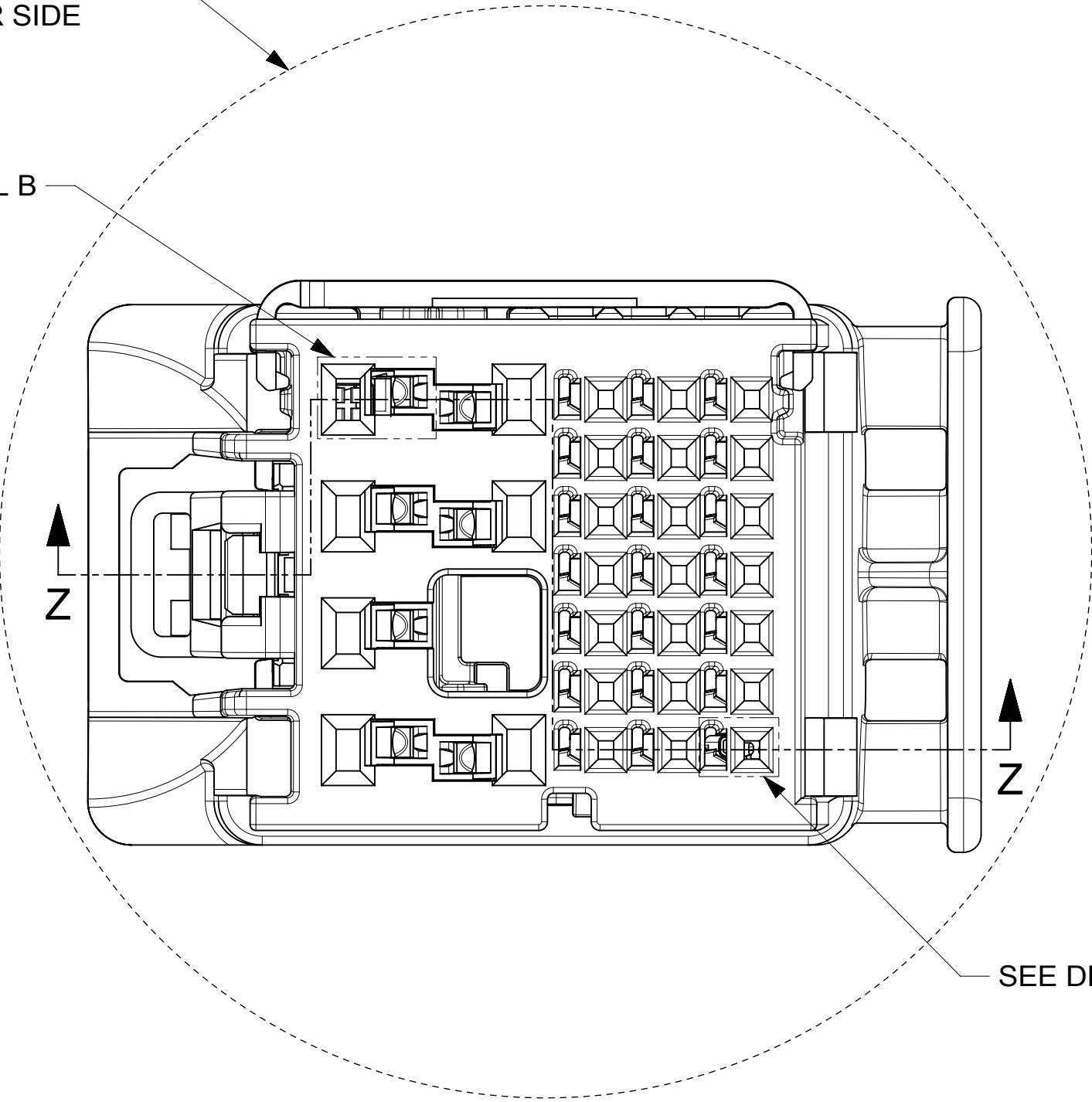


DETAIL B
SCALE 20:1



(Ø37.39) PASS THROUGH
WITH 1 MM PER SIDE

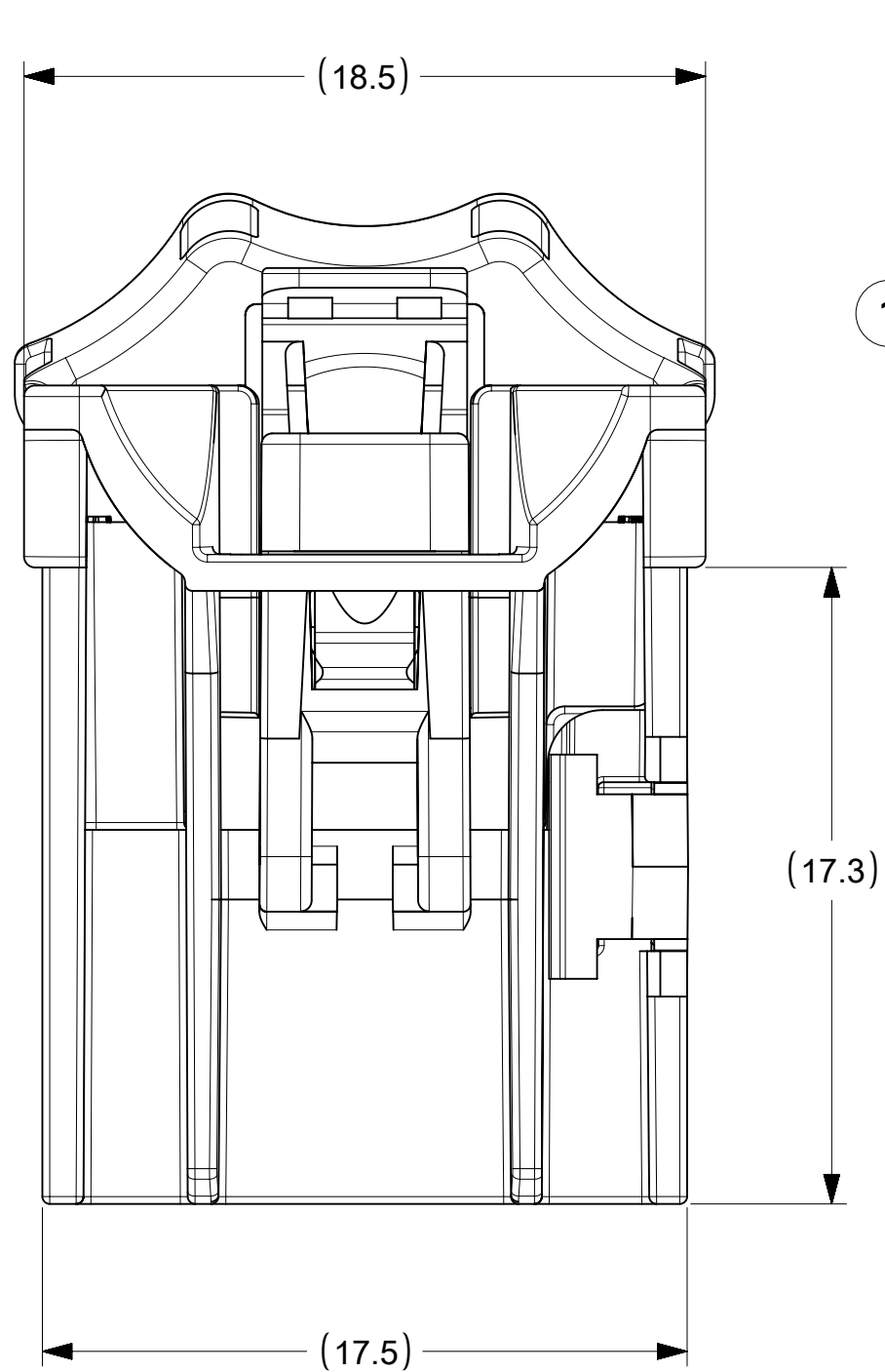
SEE DETAIL B



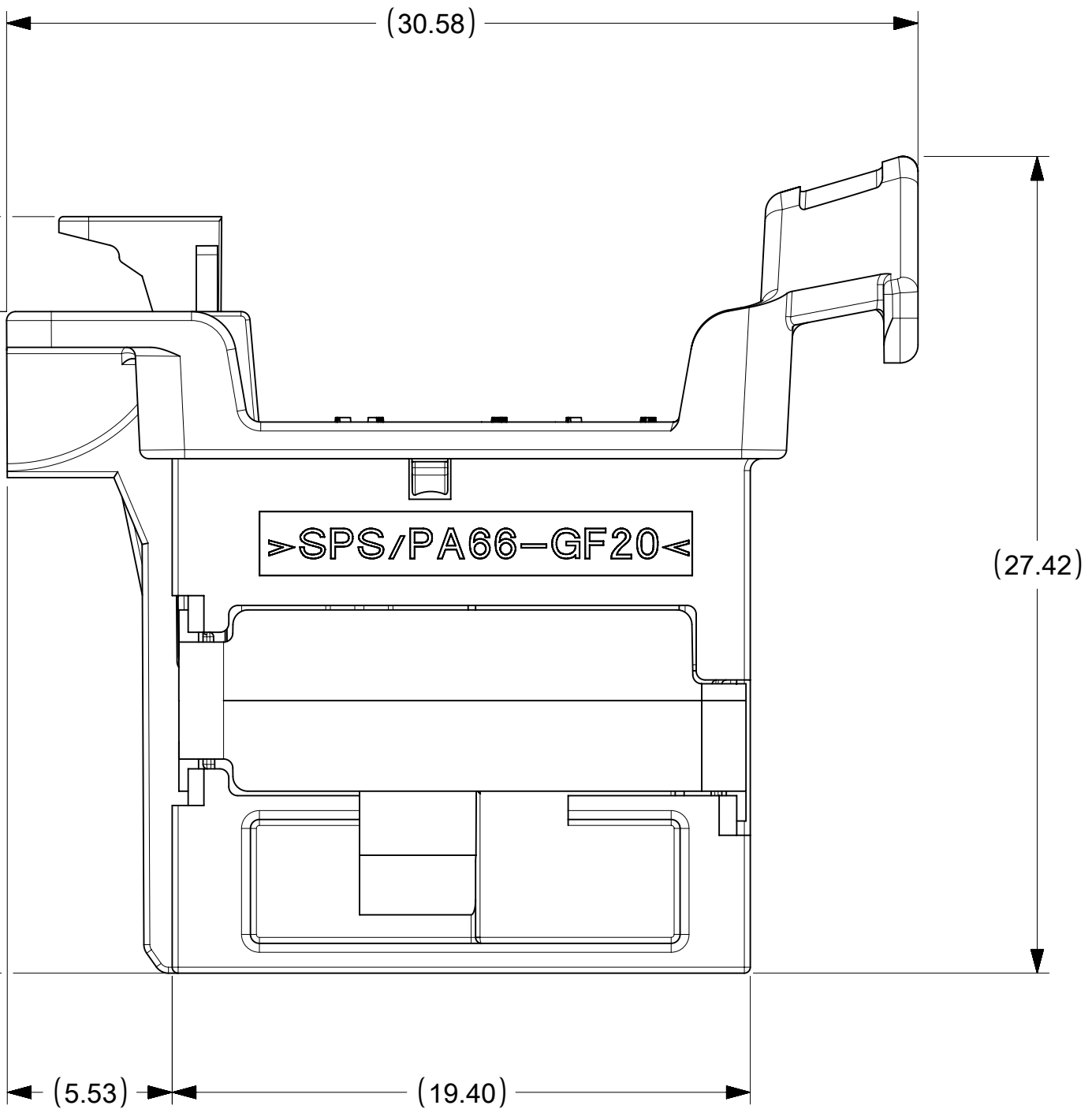
LASER ETCH
DATE CODE

YYDDD
HHMMSS

2 1.30 ±0.30
ISL IN OPEN
POSITION



1 CPA PRELOAD POSITION
3.2 ±0.3



CPA FINAL POSITION
(0.24)
RECESSED

TERMINALS, ISL, AND CPA
SHOWN IN CLOSED POSITION

SECTION Z-Z

ISL IN CLOSED
POSITION

FUNCTIONAL SYMBOLS  = 0  = 0  = 0 DIVISIONAL 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 DELPHI 1.2 TERMINAL PNS			molex 28 WAY STAK50H HYBRID ASSEMBLY CONNECTOR ASSEMBLY									
	mm		5:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 635661 DRWN: YPENG47 CHK'D: JCONDON APPR: JCONDON INITIAL REVISION: DRWN: RCARLSON APPR: JCONDON												
	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		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						D-SIZE		160014		1600140011		PSD		000		A5	



**Стандарт
Электрон
Связь**

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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 .

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С нами вы становитесь еще успешнее!

Наши контакты:

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Электронная почта: sales@st-electron.ru

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помещение 100-Н Офис 331