



产品编号 : 334810302
Product Description : MX150 Mat-Sealed Male Connector Assembly, Single Row, 3 Circuits, Keying Option B, Light Gray
系列号 : 33481
状态 : Active
Product Category : Connector Housings



文件和资源

图纸
[图纸 334810302_sd.pdf](#)
[包装设计图 PK-31300-635-001.pdf](#)

3D 模型和设计文件
[3D模型 334810302_stp.zip](#)

规格
[应用规格 AS-33472-100-001.pdf](#)
[应用规格 AS-33472-100-CH-001.pdf](#)
[应用规格 AS-33472-100-FR-001.pdf](#)

产物环境合规

合规

GADSL/IMDS	Compliant
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

多部分产品合规性声明

- Eu RoHS
- REACH SVHC
- Low-Halogen

多部分行业合规性文件

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

欧盟 RoHS 合格证书

产品详情

常规

状态	活动
类别	Connector Housings
系列	33481
说明	MX150 Mat-Sealed Male Connector Assembly, Single Row, 3 Circuits, Keying Option B, Light Gray
应用	Power, Wire-to-Wire
产品系列	MX150 Sealed and Unsealed Connector System
产品名称	MX150
UPC	756054494103

机构

UL	E29179
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物理

电路数（最多）	3
颜色-树脂	Gray (Light)
性别	Plug
符合灼热丝规范	否
插接极性	是
锁定插接部位	是
材料 - 树脂	SPS/Nylon
净重	7.700/g
行数	1
包装形式	Bag
面板安装式	否
间距 - 插配接口	3.50mm

有极性的插配件	是
可堆叠的	否
运行温度范围	-40° to +150° C

进程

无铅	不适用
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可配插/可连接使用的产品

可配插部件

描述	产品编号
MX150 Mat-Sealed Single Row Female Connector Assemblies	<u>33471</u>

可连接使用部件

描述	产品编号
MX150 Sealed Cavity Plug	<u>/content/molex/molex-dot-com/cn/zh/products/product-page.html/343450001.html</u>
MX150 Male Terminals	<u>33000</u>
MX150 Male Terminals	<u>33011</u>

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONFIGURATIONS
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6	SYSTEM PACKAGING
7	BACKSHELL NOTES
8	BACKSHELL
9	BACKSHELL CONFIGURATIONS

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-33472-100
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
 - DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY AS SPECIFIED IN THE MATING CONNECTOR DRAWINGS CHART.
 - *DENOTES DRAWINGS THAT CAN BE ACCESSED AT <http://ewcap.uscarteams.org/>
 - ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION (SEE PLR PRE-LOCK VIEW SHEET 5).
- b. PRODUCT SPECIFICATION SEE:
- STANDARD CONFIGURATION: PS-33471-000
 - UL V0 CONFIGURATION: PS-160105-0001
 - CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), TERMINALS, WIRE DIAMETER RANGE, PRODUCT VALIDATION, AND PRODUCT DEVIATIONS.
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31300-635 (PK-33471-000 FOR 1X5)
- d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-300
- e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

2. DESIGN - MATERIALS:

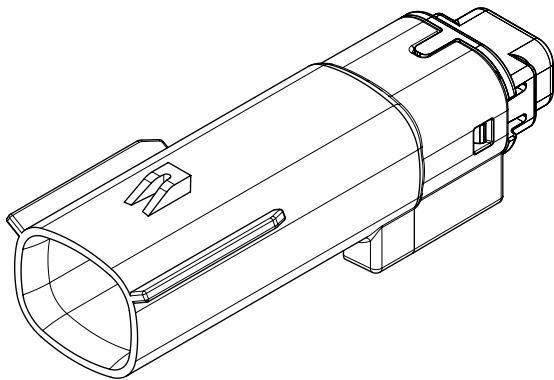
- a. FOR BILL OF MATERIALS SEE:
- STANDARD CONFIGURATION: SD-33481-0002
 - UL V0 CONFIGURATION: SD-160106-0002

3. DESIGN - GEOMETRY:

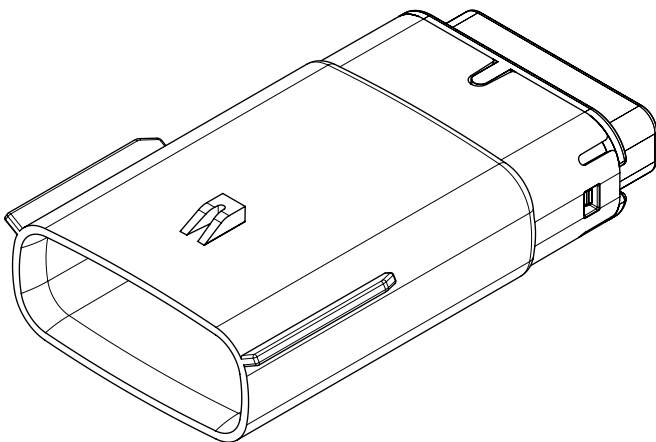
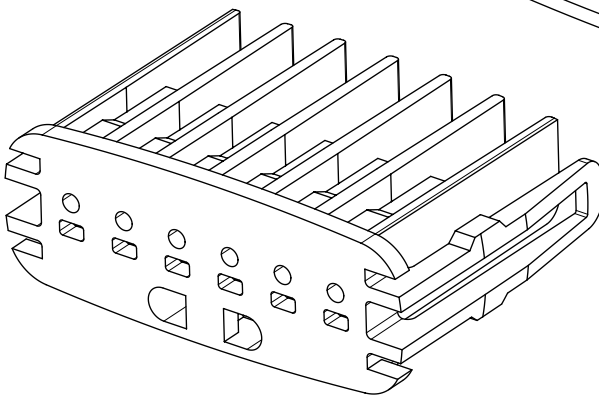
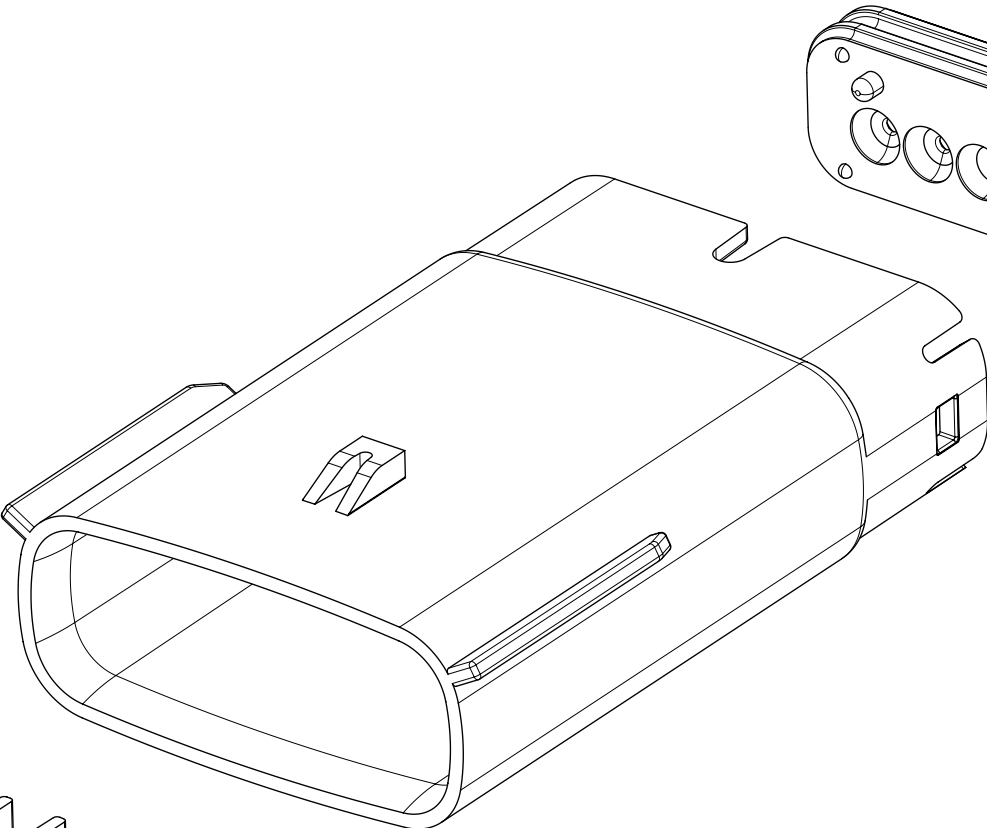
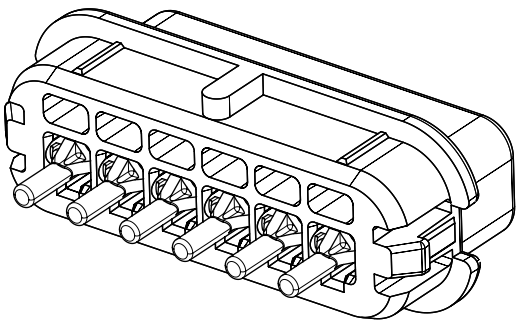
- a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
- c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
- f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B).
- g. LASER MARKING:
- PART NUMBER
 - DAY OF THE YEAR
 - SHIFT
 - YEAR
- FOR ADDITIONAL INFORMATION SEE SECTION 5 UNDER PROCEDURES IN ES-34735-008.

MATING CONNECTOR DRAWINGS

DESCRIPTION	MOLEX INLINE
1X2	SD-33471-0001
1X6	SD-33471-0001



1X2



1X6

INSPECTION NUMBER LOG	LAST NUMBER: 9	ADDED:	REMOVED:
A1			
A			
2			
1			
REV			

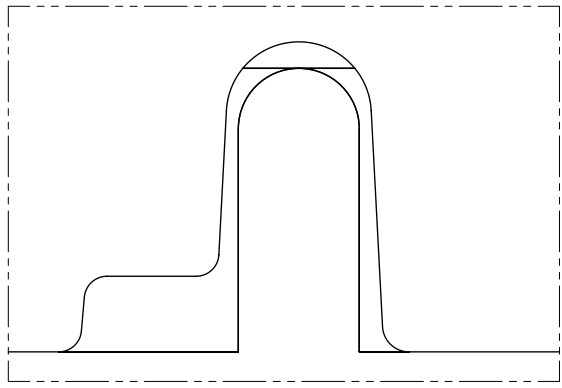
NX REMASTERING , CHANGE PS
DRAWING NUMBER FROM
PS-160105-0001 TO PS-160074-0001 IN
NOTES 1.b

MINOR GEOMETRY CHANGE FOR UL V0
UPDATED VIEWSETS
INITIAL RELEASE

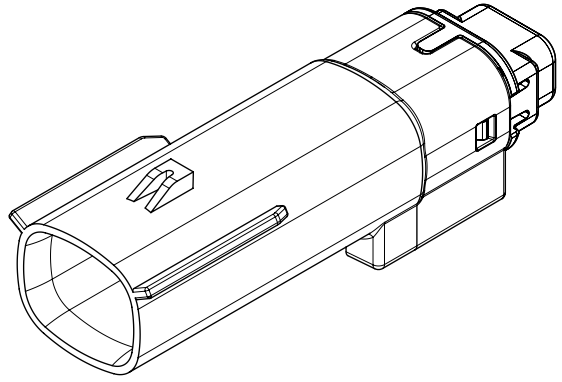
REV DESCRIPTION

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= 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 602373 DRWN: DSHETTY01 2018/05/25 CHK'D: MVANSLAMBROU 2018/10/04 APPR: MVANSLAMBROU 2018/10/04 INITIAL REVISION: DRWN: APROFFITT 2015/07/21 APPR: KDEKOSKI 2016/06/14		molex MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL				
	MM ONLY		1.5:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)						PRODUCT CUSTOMER DRAWING				
	ANGULAR TOL ± 1.0 °										
	4 PLACES		±				DOCUMENT NUMBER SD-33481-0001				
	3 PLACES		±								
	2 PLACES		± 0.1				DOC TYPE PSD				
	1 PLACE		± 0.2								
	0 PLACES		±				DOC PART 001				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
		A1-SIZE		33481		SEE NOTE 2a.		GENERAL MARKET		1 OF 9	

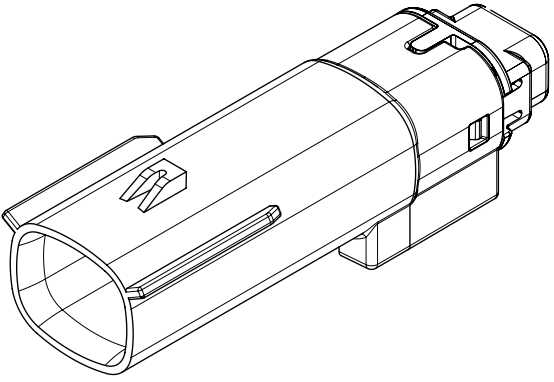
SHEET DESCRIPTION
CONFIGURATIONS



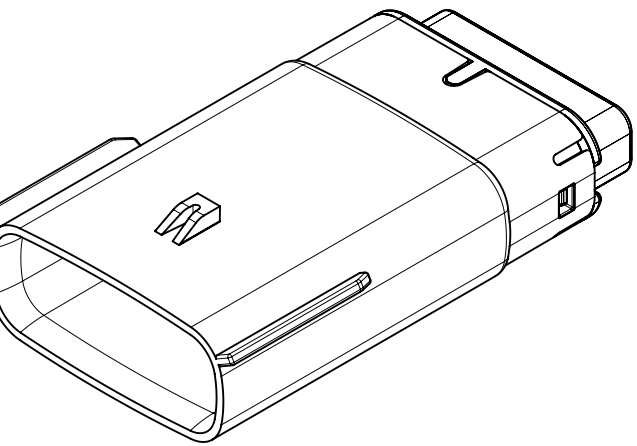
UL V0 UNIQUE FEATURE
Partial1
SCALE 10:1



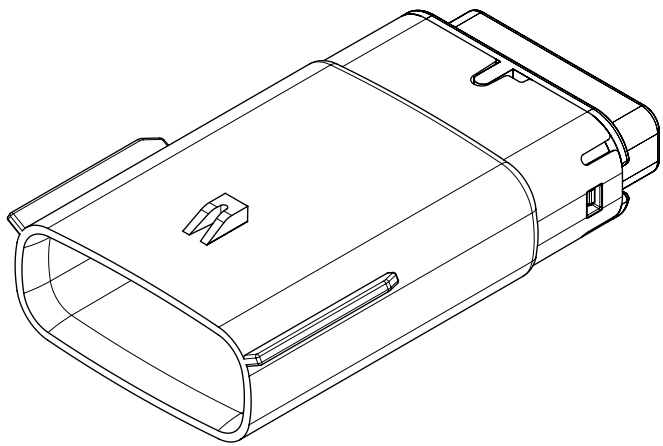
1x2 - STD



1X2 - UL V0*

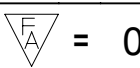
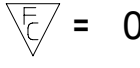
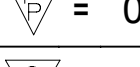
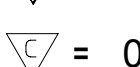
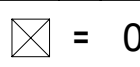
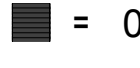
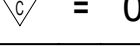
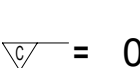


1x6 - STD



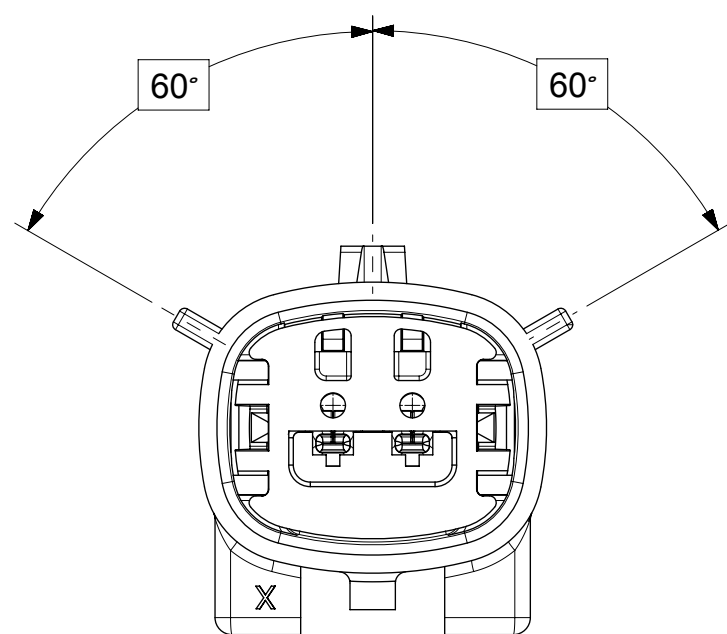
1x6 - UL V0*

* MINOR GEOMETRY DIFFERENCE THAN STANDARD CONFIGURATION.
SEE NOTES 1 & 2 FOR MORE INFORMATION

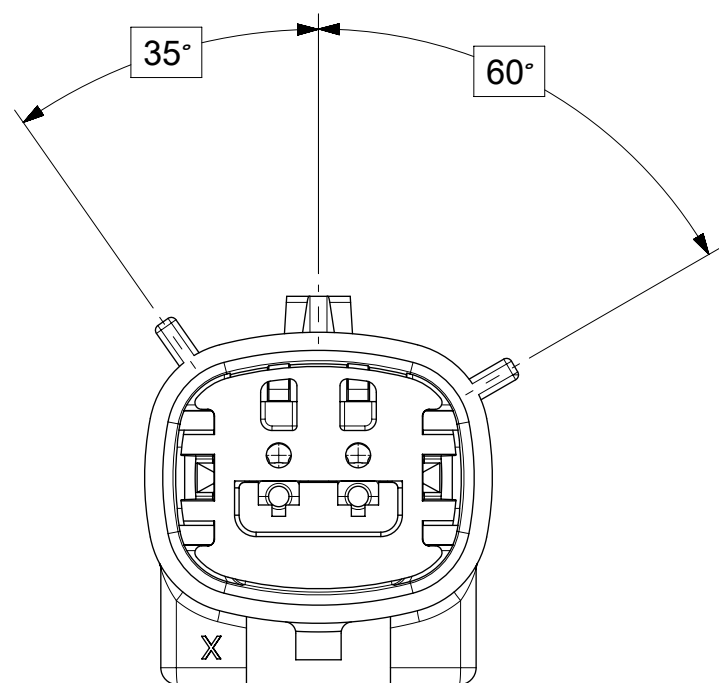
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		= 0		MM ONLY 1.5:1														
		= 0		GENERAL TOLERANCES (UNLESS SPECIFIED)														
		= 0		ANGULAR TOL ± 1.0 °														
		= 0		4 PLACES ±														
		= 0		3 PLACES ±		EC NO: 602373					MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL							
		= 0		2 PLACES ± 0.1		DRWN: DSHETTY01 2018/05/25												
		= 0		1 PLACE ± 0.2		CHK'D: MVANSLAMBROU 2018/10/04												
		= 0		0 PLACES ±		APPR: MVANSLAMBROU 2018/10/04					PRODUCT CUSTOMER DRAWING							
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						APPR: KDEKOSKI 2016/06/14					MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
						THIRD ANGLE PROJECTION		DRAWING		SERIES		SEE NOTE 2a.		GENERAL MARKET		2 OF 9		
								A1-SIZE		33481								

KEY CONFIGURATIONS	
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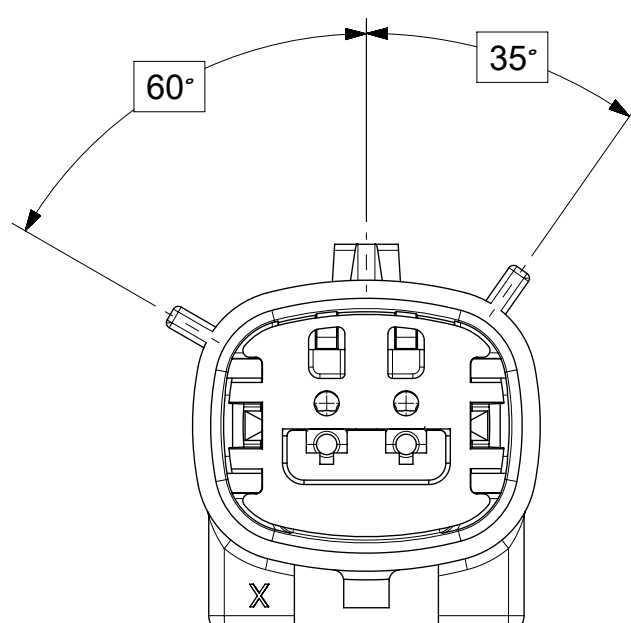
1X2



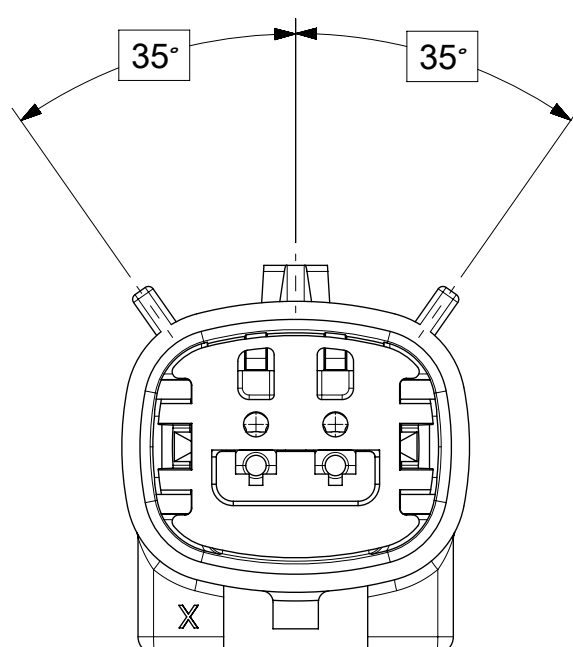
KEY A



KEY B



KEY C



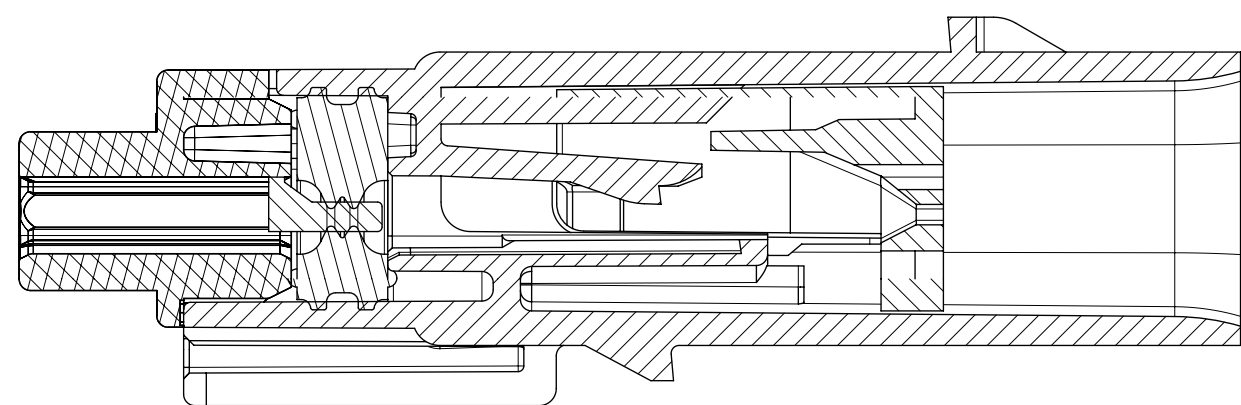
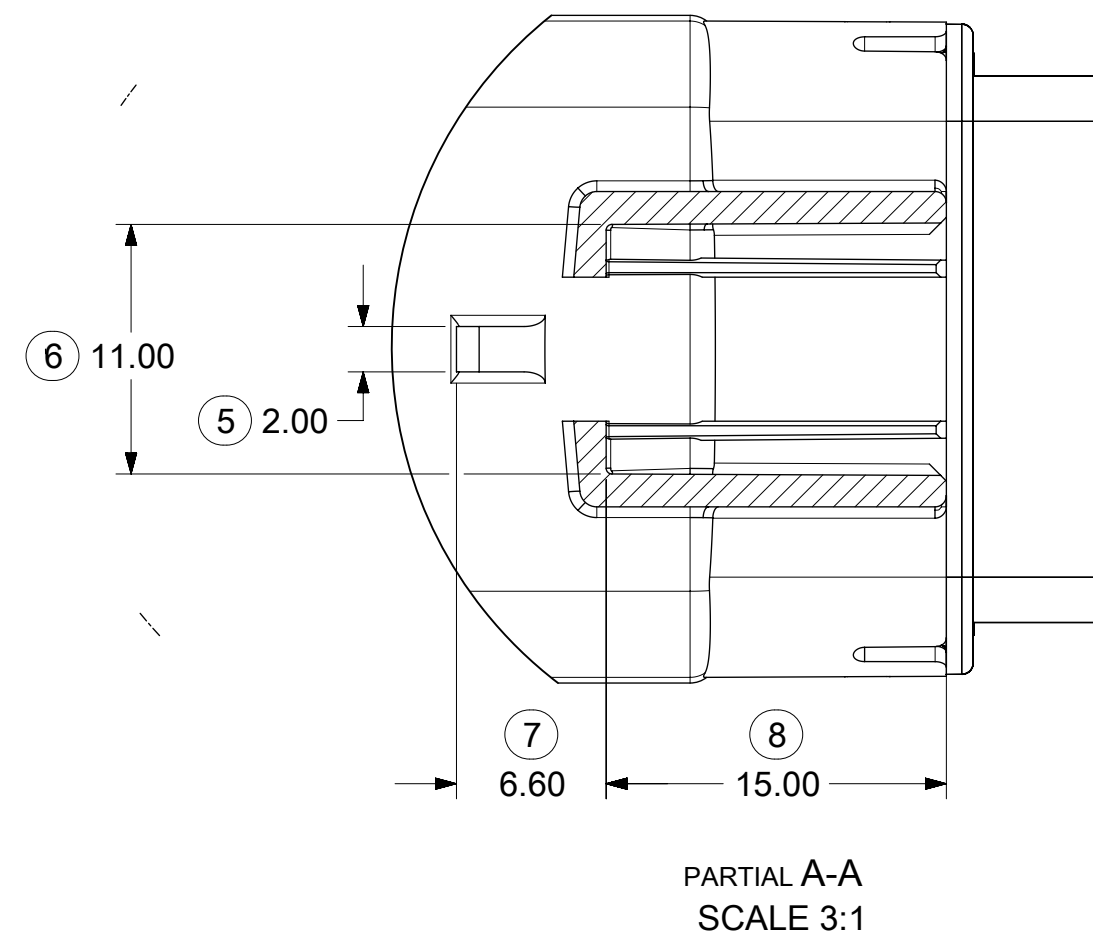
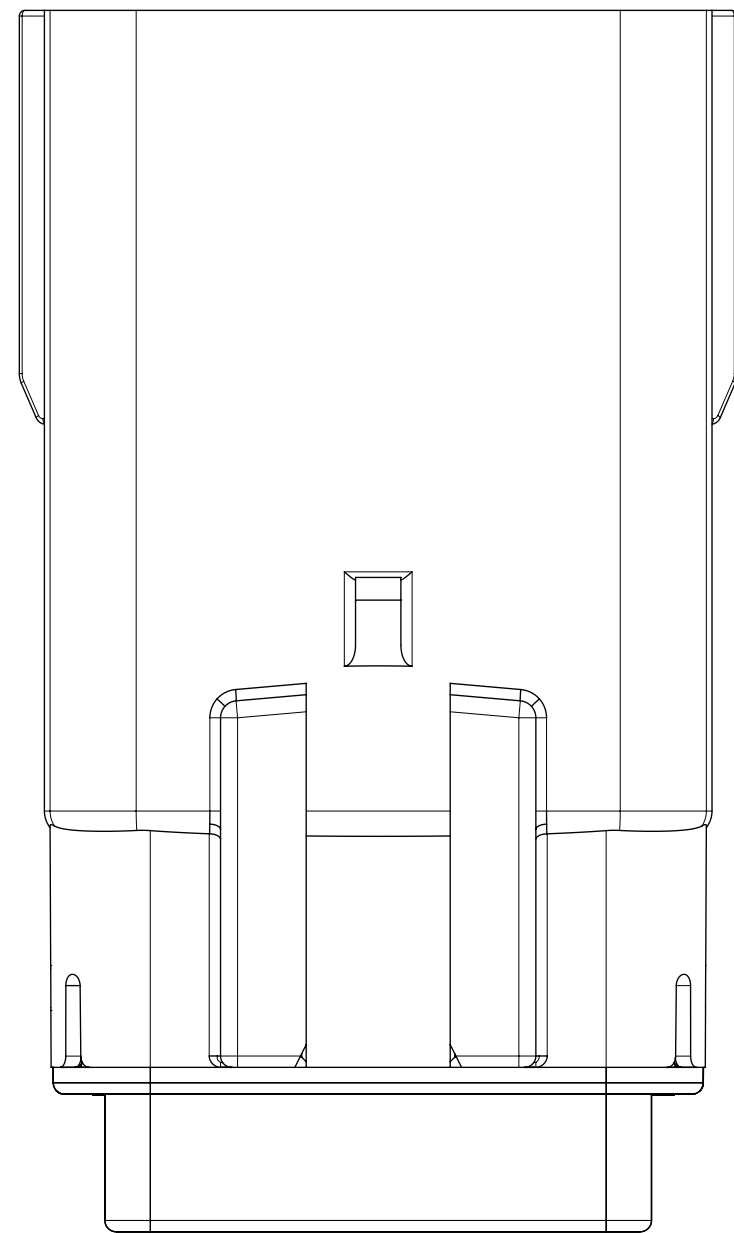
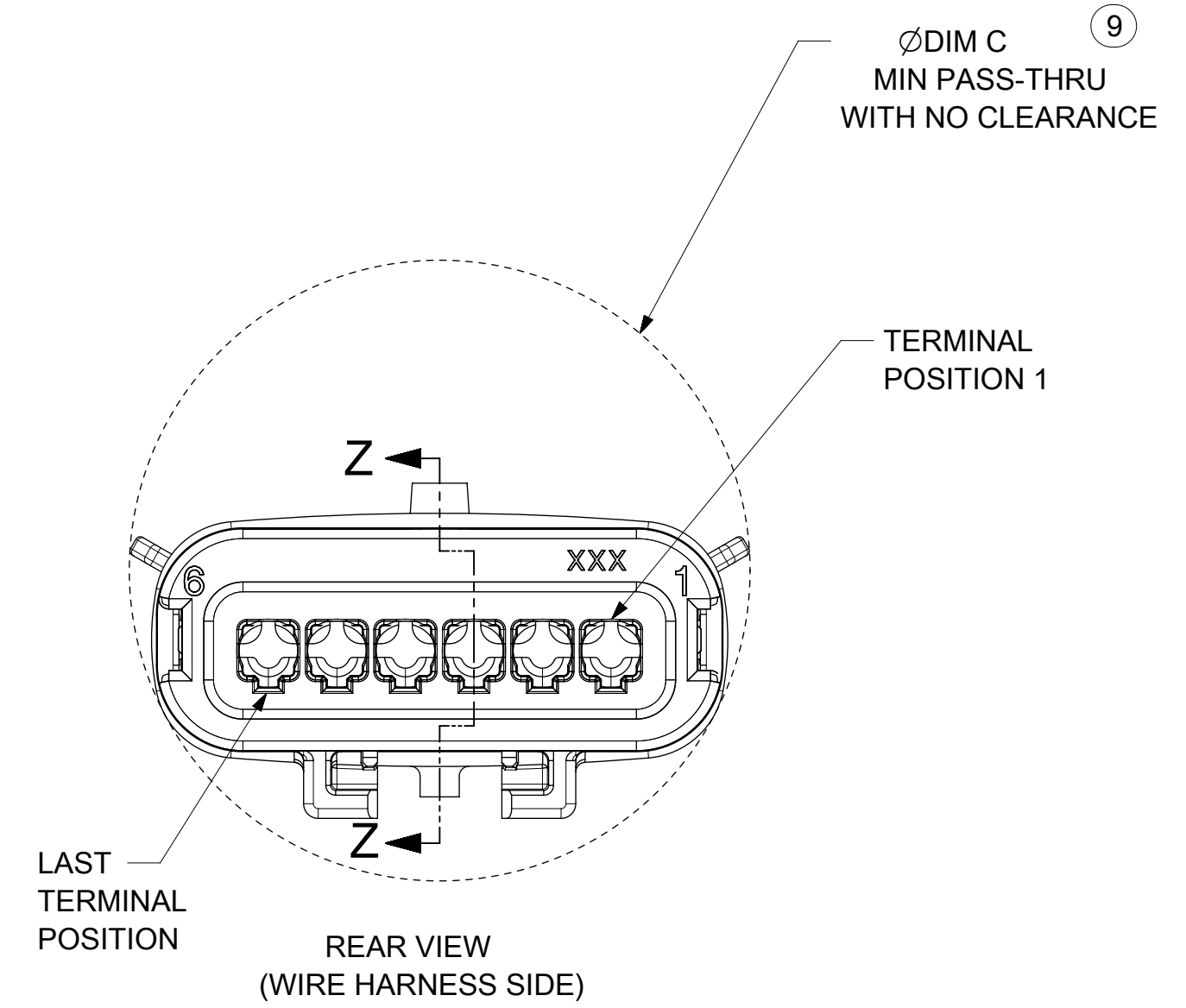
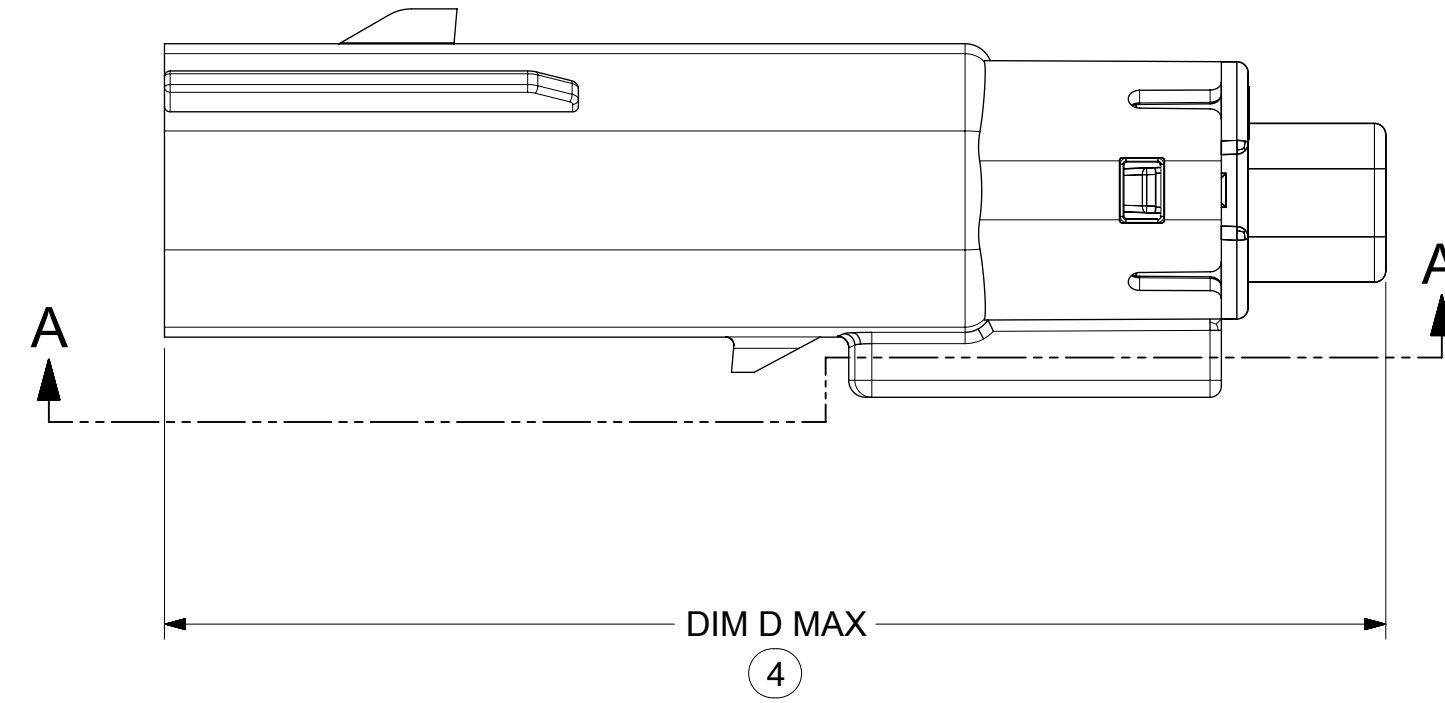
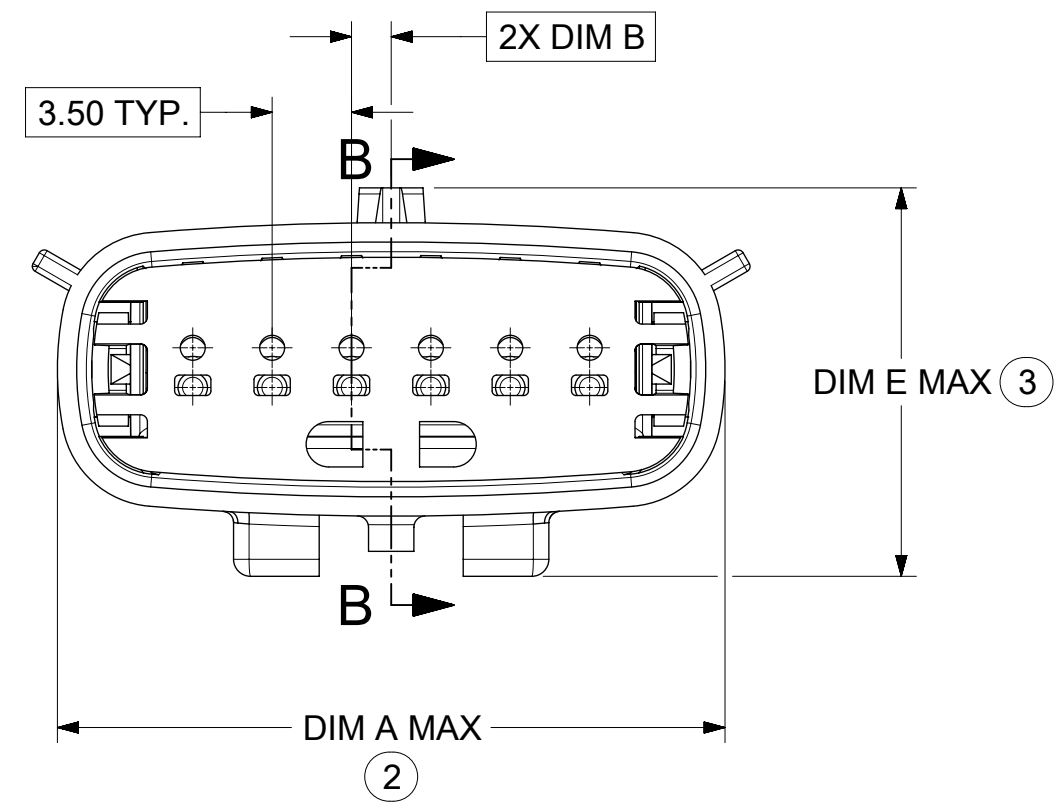
KEY D

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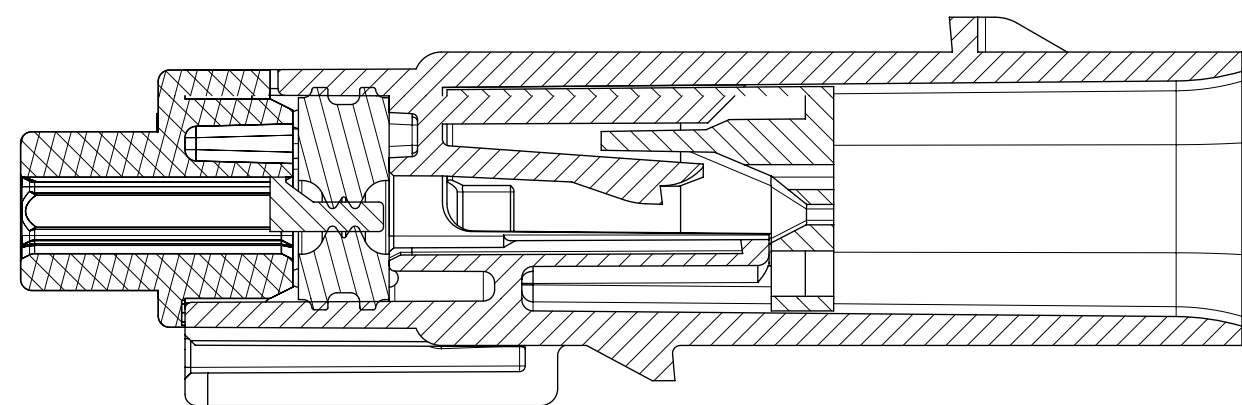
BLADE SEALED ASSEMBLY

CHARTED DIMENSIONS					
DESCRIPTION	DIMENSIONS				
	A	B	C	D	E
1X2	N/A	1.75	21.00	55.50	17.30
1X6	29.69	1.75	31.71	54.45	17.23

Technical drawing of a rectangular object, likely a component of a machine. The object is shown in a perspective view. It has a long, flat top surface with a handle on the left side. A latch or locking mechanism is visible on the right side. The drawing includes dimension lines indicating the object's size: 1000mm for the length, 100mm for the width, and 100mm for the height. The drawing is labeled with '1000', '100', and '100'.



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN PRE-STAGED POSITION
SECTION B-B



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL-LOCK POSITION

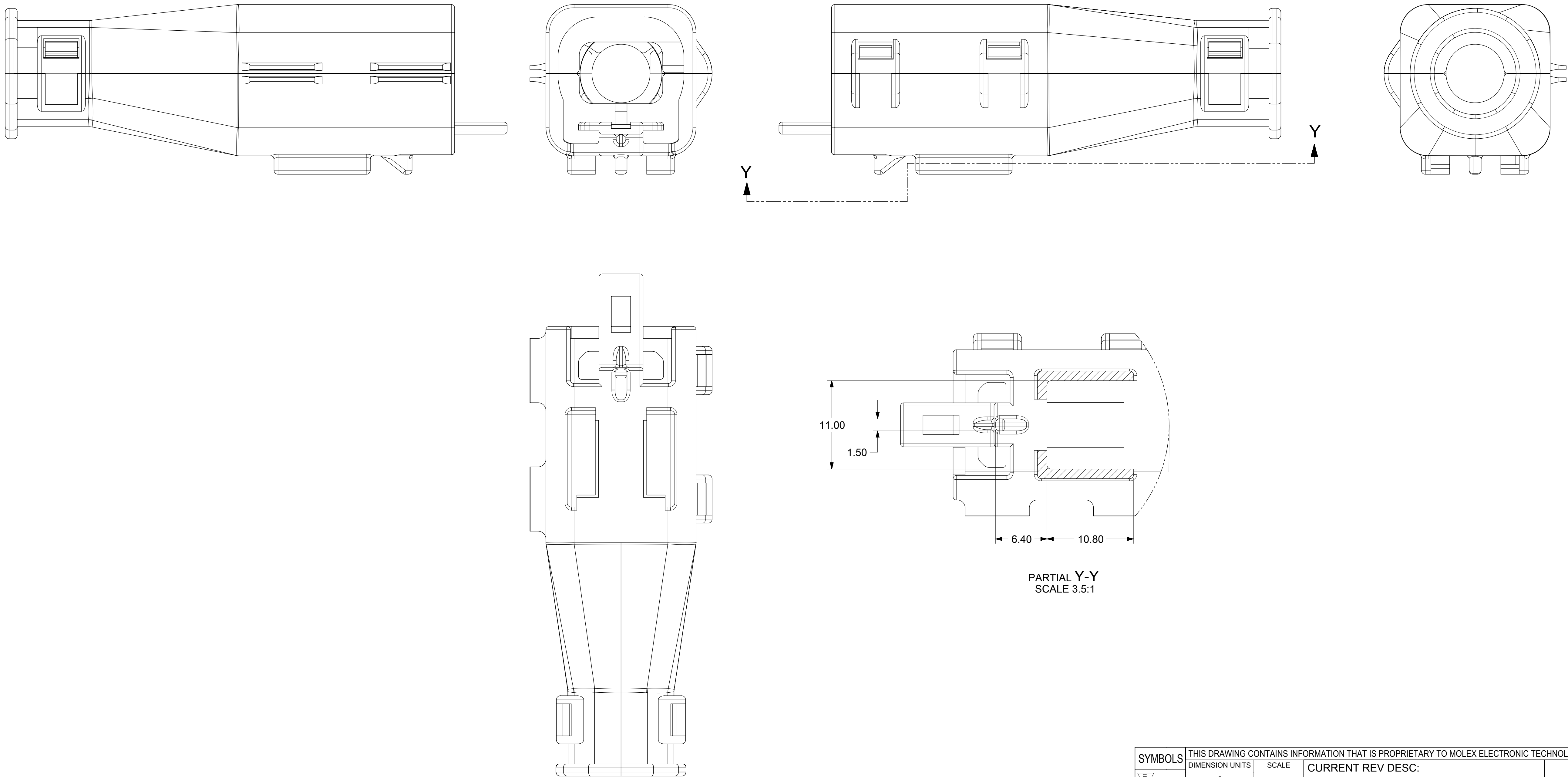
SECTION Z-Z

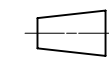
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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
MM ONLY		3:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)								MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL							
ANGULAR TOL ± 1.0 °															
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	= 0	3 PLACES	±												
	= 0	2 PLACES	± 0.1					DRWN: APROFFITT 2015/07/21 APPR: KDEKOSKI 2016/06/14		SD-33481-0001		PSD		001	
	= 0	1 PLACE	± 0.2												
	= 0	0 PLACES	±	THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A1-SIZE		33481		SEE NOTE 2a.		GENERAL MARKET		5 OF 9	

DOCUMENT STATUS	P1	RELEASE DATE	2018/10/04	15:02:02
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SHEET DESCRIPTION

BACKSHELL



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:				molex								
	MM ONLY		3.5:1														
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	ANGULAR TOL ± 1.0 °																
	4 PLACES		±														
	3 PLACES		±		PRODUCT CUSTOMER DRAWING												
	2 PLACES		± 0.1														
	1 PLACE		± 0.2														
	0 PLACES		±		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
								A1-SIZE		33481		SEE NOTE 2a.		GENERAL MARKET		8 OF 9	

molex

MX150 BLADE
SINGLE ROW SEALED ASSY MAT SEAL

PRODUCT CUSTOMER DRAWING

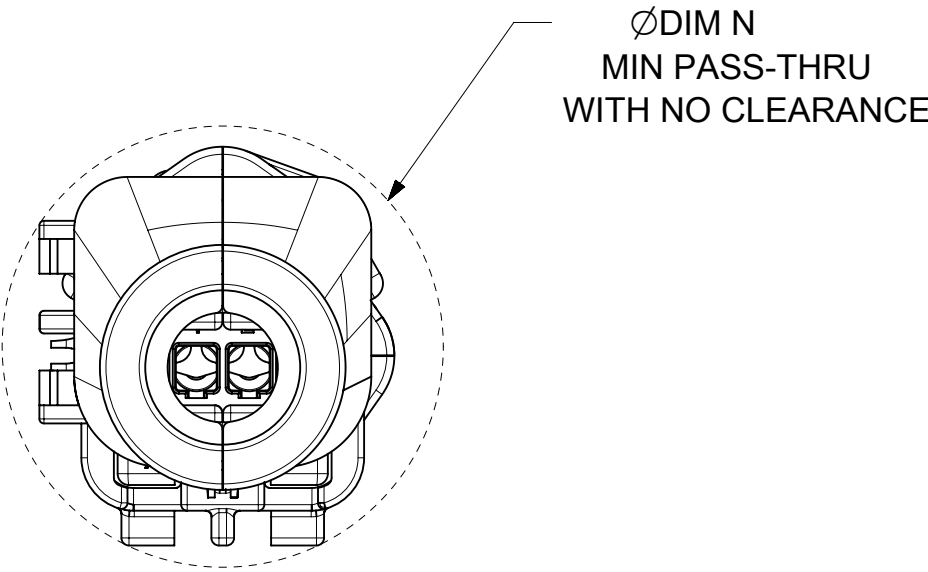
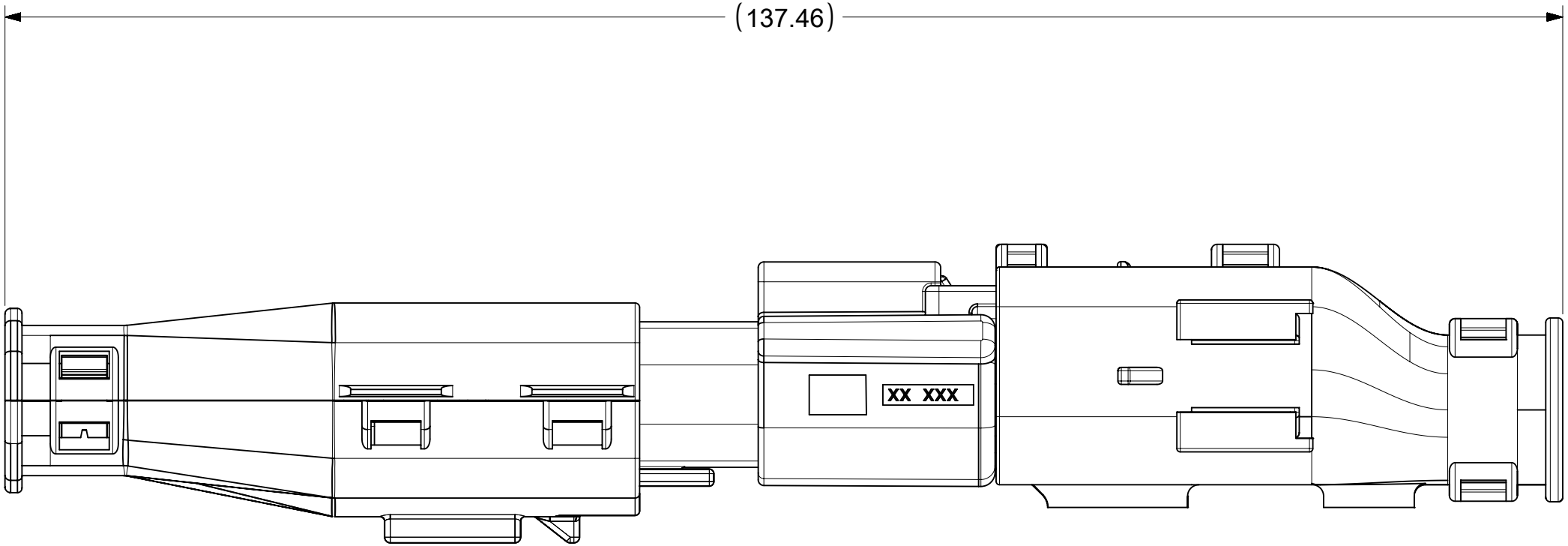
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-33481-0001	PSD	001	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE NOTE 2a.	GENERAL MARKET	8 OF 9

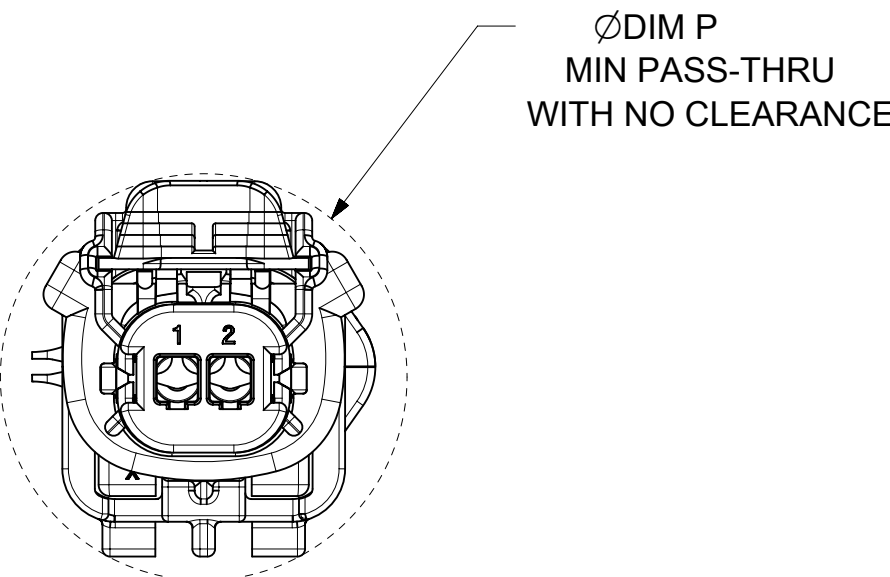
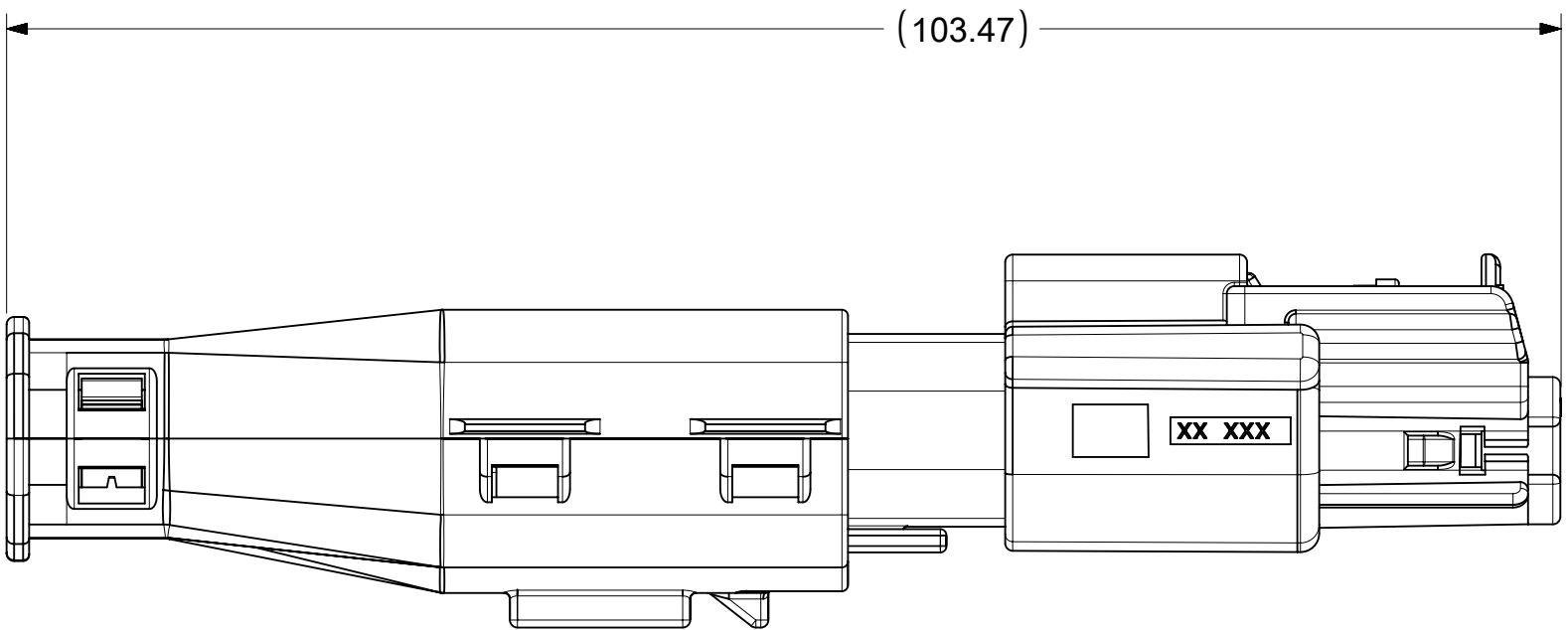
DOCUMENT STATUS	P1	RELEASE DATE	2018/10/04	15:02:02
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SHEET DESCRIPTION
BACKSHELL CONFIGURATIONS

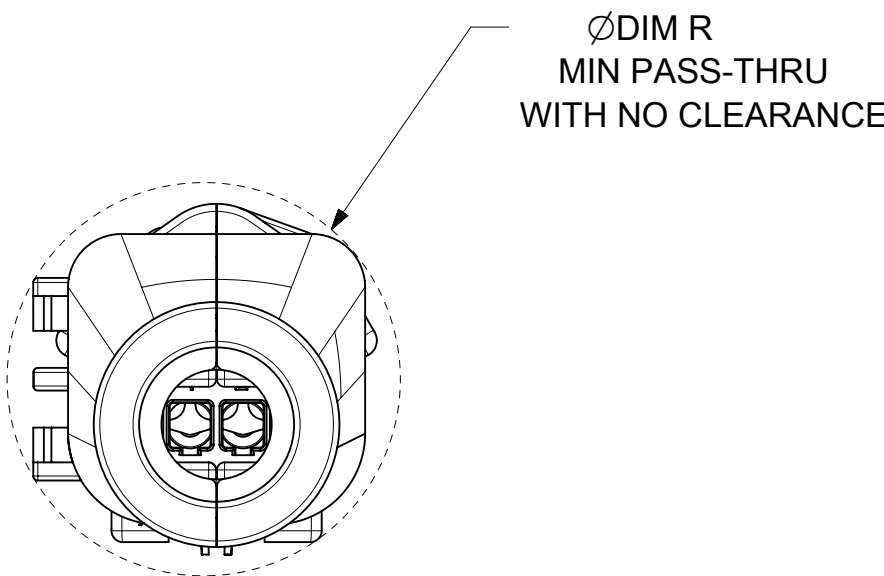
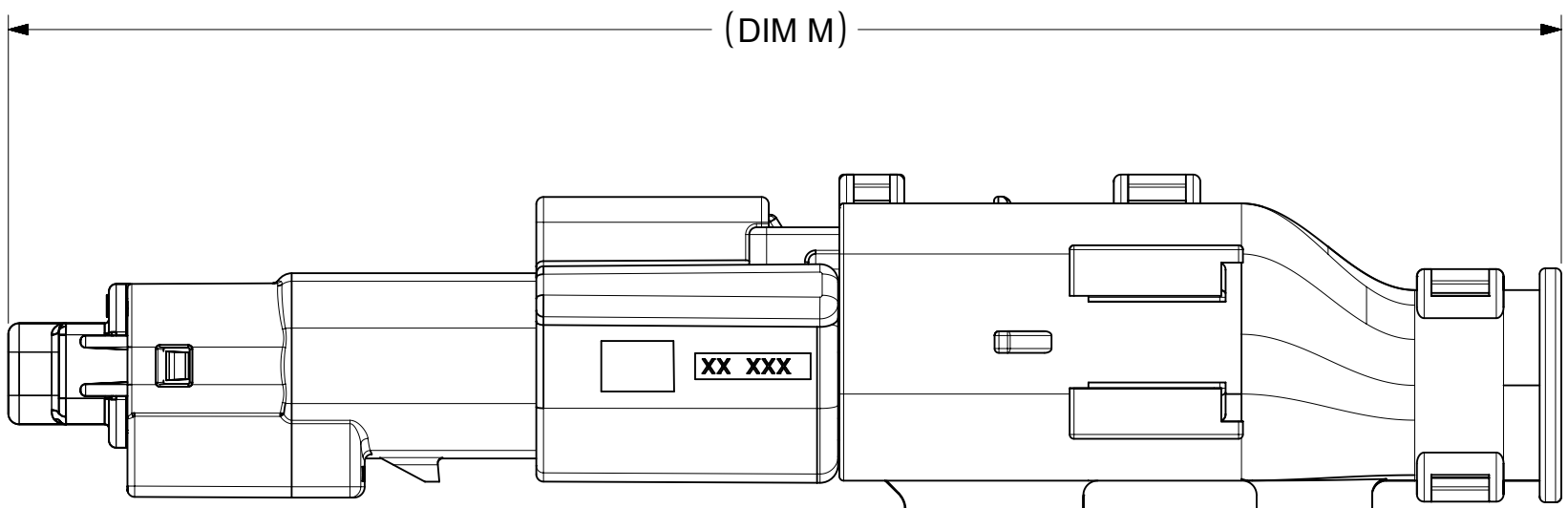
CHARTED DIMENSIONS							
CKT	BLADE CONFIGURATION	RECEPTACLE CONFIGURATION	DIMENSIONS				
			M	N	P	R	S
1X2	STANDARD	STANDARD	107.84	29.50	27.00	26.25	25.00



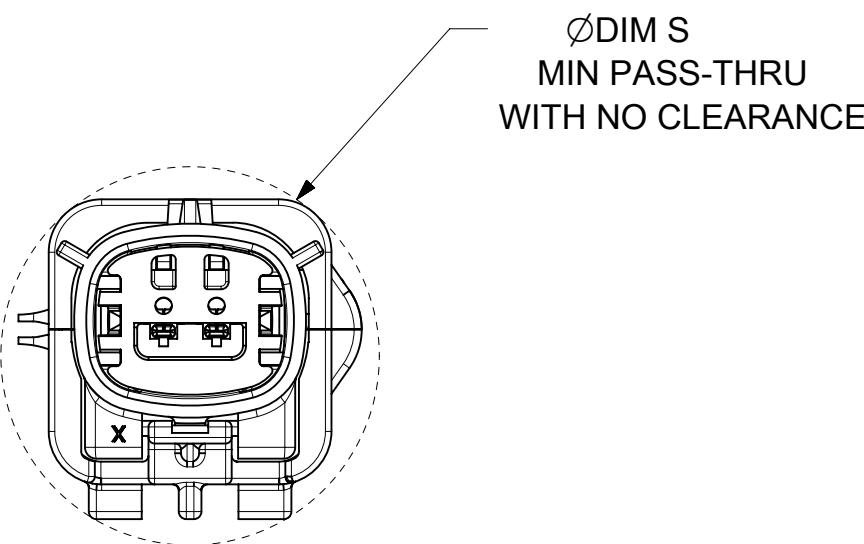
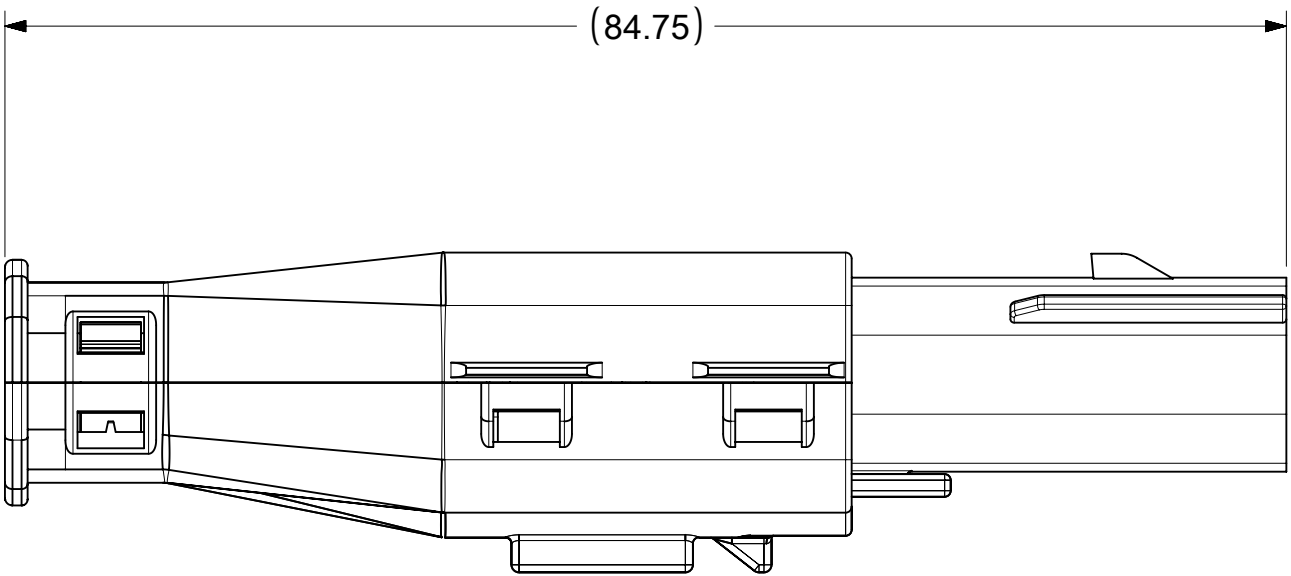
OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL



OVERALL MATED SYSTEM WITH BLADE BACKSHELL



OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL



BLADE SEALED ASSEMBLY WITH BLADE BACKSHELL

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:					molex					
	MM ONLY		2:1												
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 602373 DRWN: DSHETTY01 2018/05/25 CHK'D: MVANSLAMBROU 2018/10/04 APPR: MVANSLAMBROU 2018/10/04					MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL					
 = 0															
 = 0	ANGULAR TOL ± 1.0 °				INITIAL REVISION: DRWN: APROFITTT 2015/07/21 APPR: KDEKOSKI 2016/06/14					PRODUCT CUSTOMER DRAWING					
 = 0	4 PLACES ±														
 = 0	3 PLACES ±				DOCUMENT NUMBER SD-33481-0001					DOC TYPE PSD		DOC PART 001		REVISION A1	
 = 0	2 PLACES ± 0.1														
 = 0	1 PLACE ± 0.2				MATERIAL NUMBER SEE NOTE 2a.					CUSTOMER GENERAL MARKET			SHEET NUMBER 9 OF 9		
 = 0	0 PLACES ±														
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A1-SIZE		SERIES 33481						

molex

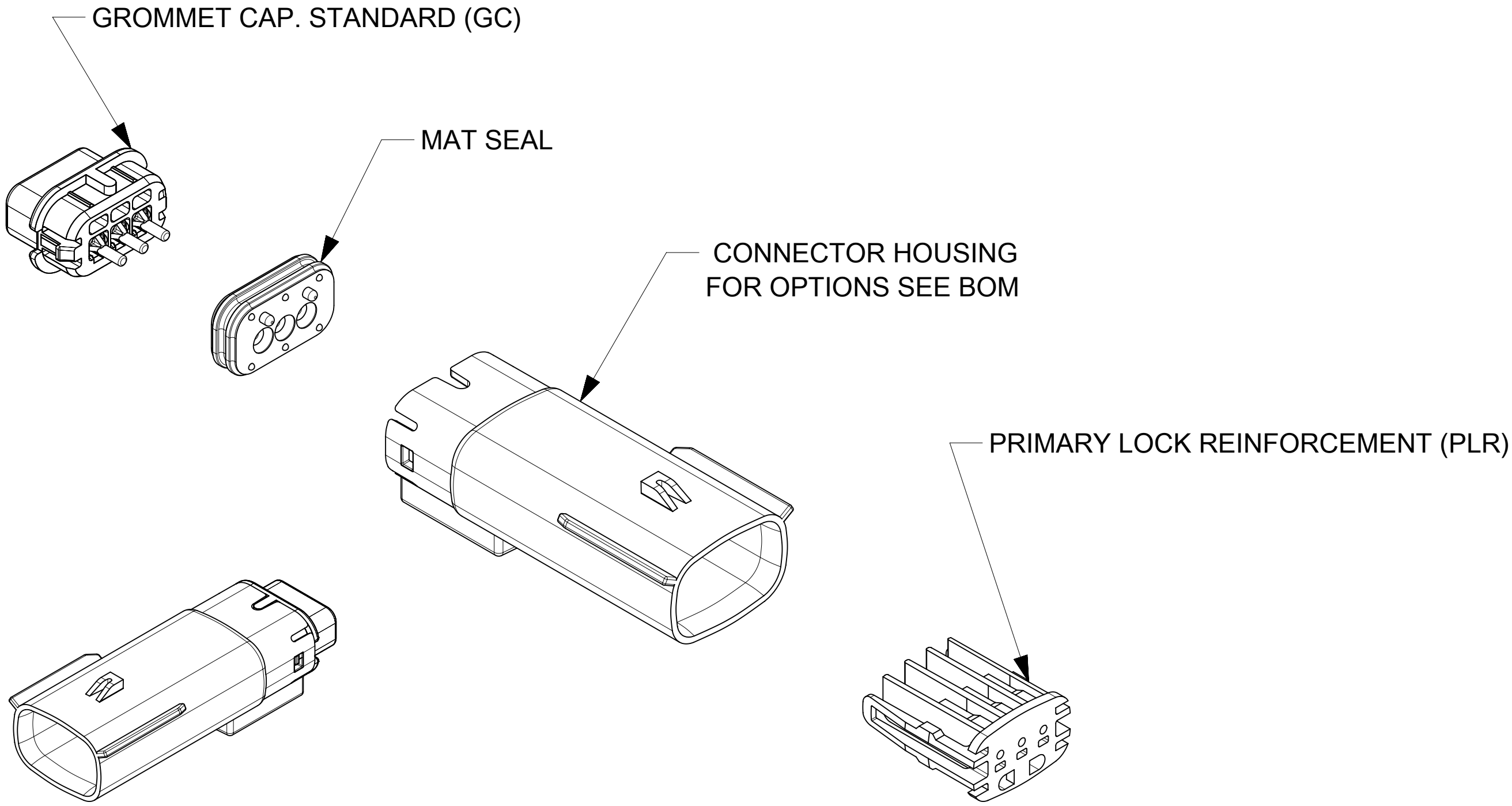
MX150 BLADE
SINGLE ROW SEALED ASSY MAT SEAL

PRODUCT CUSTOMER DRAWING

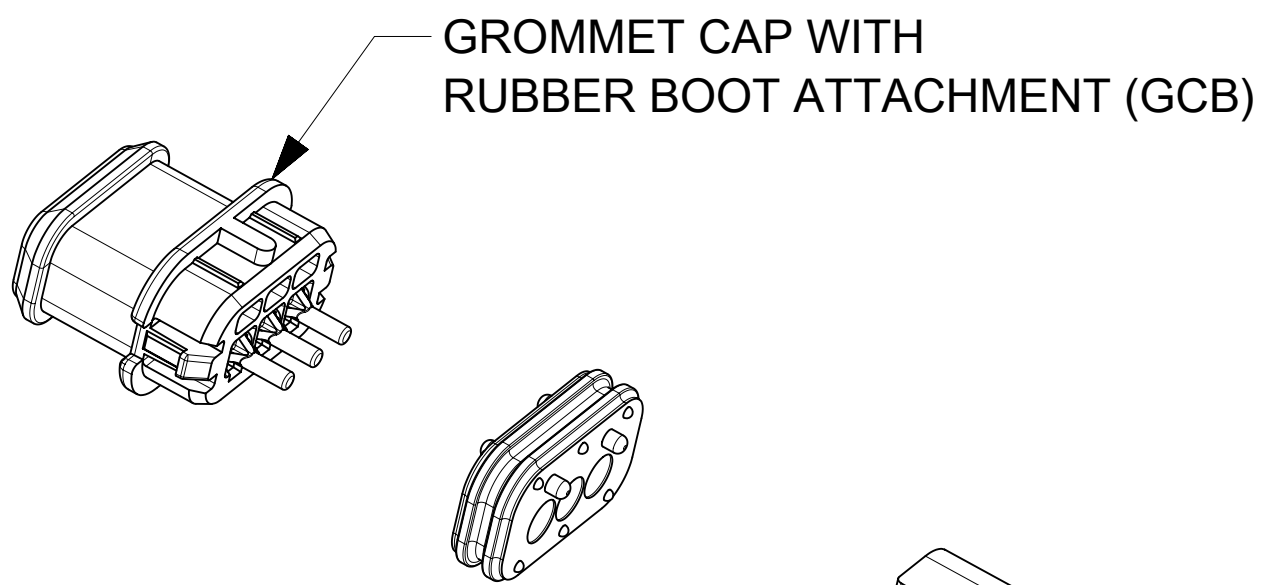
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SD-33481-0001	PSD	001	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE NOTE 2a.	GENERAL MARKET	9 OF 9

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	KEY CONFIGURATIONS
3	BLADE SEALED ASSEMBLY
4	SYSTEM PACKAGING
5	RUBBER BOOT CONFIGURATION
6	BOM
7	RUBBER BOOT INTERFACE



MX150 1X3 BLADE SEALED ASSEMBLY - STANDARD (STD)



MX150 1X3 BLADE SEALED ASSEMBLY - RUBBER BOOT CONFIGURATION
UNLESS COMPONENT NOTED, SEE STANDARD ASSEMBLY

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-33472-100
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
- DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33471-031.
- FOR 1.5mm BLADE TERMINALS TO BE USED WITH THIS ASSEMBLY SEE MOLEX DRAWING SD-33000-001.
- SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
- ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION
- IN THE EVENT THAT THE PLR IS FOUND IN THE SEATED (FINAL LOCK) POSITION, REFER TO MOLEX SPECIFICATION PS-34646-001, AVAILABLE AT www.molex.com <<http://www.molex.com>>
- ASSEMBLY CONFORMS TO SAE/USCAR-2 REV.4 WITH THE FOLLOWING EXCEPTIONS: TERMINAL INSERTION FORCE FOR WIRE DIAMETER ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 45 NEWTONS.
- b. PRODUCT SPECIFICATION SEE: PS-33471-000
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31300-635
- 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. CONNECTOR HOUSING, GROMMET CAP, PLR: SPS/NYLON BLEND 20% GLASS FILLED
- b. MAT SEAL: INHERENTLY LUBRICATED SILICONE

3. DESIGN - GEOMETRY:
- a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
- c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
- f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
- g. LASER MARKING: TBD

INSPECTION NUMBER LOG
LAST NUMBER USED: 21
ADDED:
REMOVED:

R5	ADDED STATUS COLUMN
R4	ADD P/NS 33481-3301 TO 33481-3341
R3	DEVIATED THE DIM 16
R2	RELEASED P/N 33481-0341
R1	RELEASED P/N 33481-0340, DELETED P/N 33481-0331
R	ADD RUBBER BOOT CONFIGURATION
Q	UPDATE P/N 33481-0326 TO 33481-0330
P	ADD NEW P/N 33481-0326
N	UPDATED GROMMET CAP
M3	UPDATED DIMENSIONS TO MATCH MODEL
M2	COLOR REPLACEMENT FOR KEY C AND D PER USCAR STANDARD
M1	UPDATED NOTES
M	REDRAWN
REV	DESCRIPTION

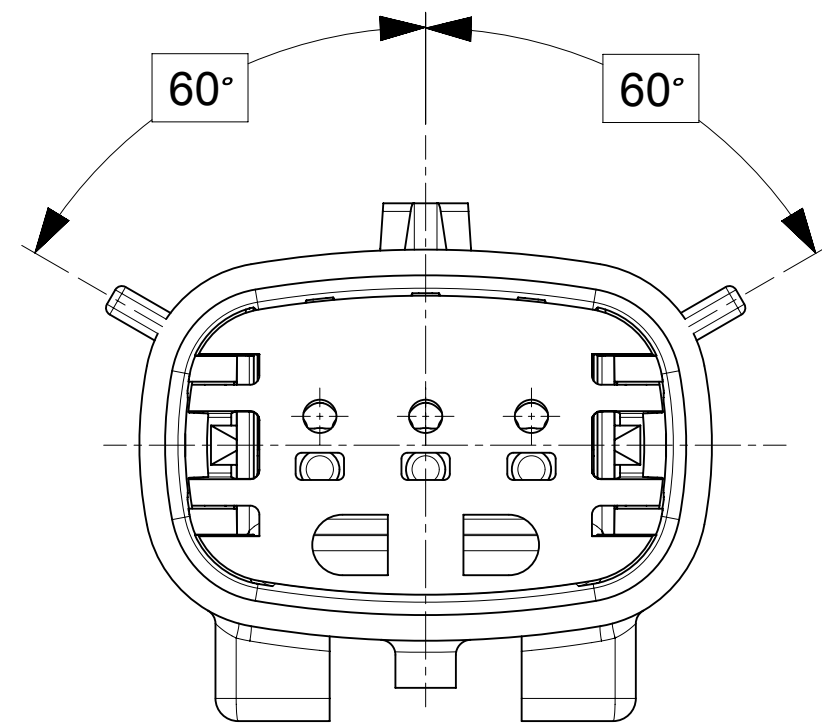
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE				molex MX150 1X3 BLADE SEALED ASSEMBLY MAT SEAL			
mm		3:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 645317 DRWN: MKP 2020/08/10 CHK'D: MJMITCHELL 2020/09/21 APPR: MJMITCHELL 2020/09/21 INITIAL REVISION: DRWN: DMARCOUX 06-12-02 APPR: FHOLUB 06-12-02							
		MM	INCH								
4 PLACES	±		±								
3 PLACES	±		±								
2 PLACES	±	0.1	±								
1 PLACE	±	0.3	±								
0 PLACES	±		±								
ANGULAR TOL		±	3.0 °					DOCUMENT NUMBER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
						D-SIZE	33481	SEE BOM		GENERAL MARKET	1 OF 7

molex

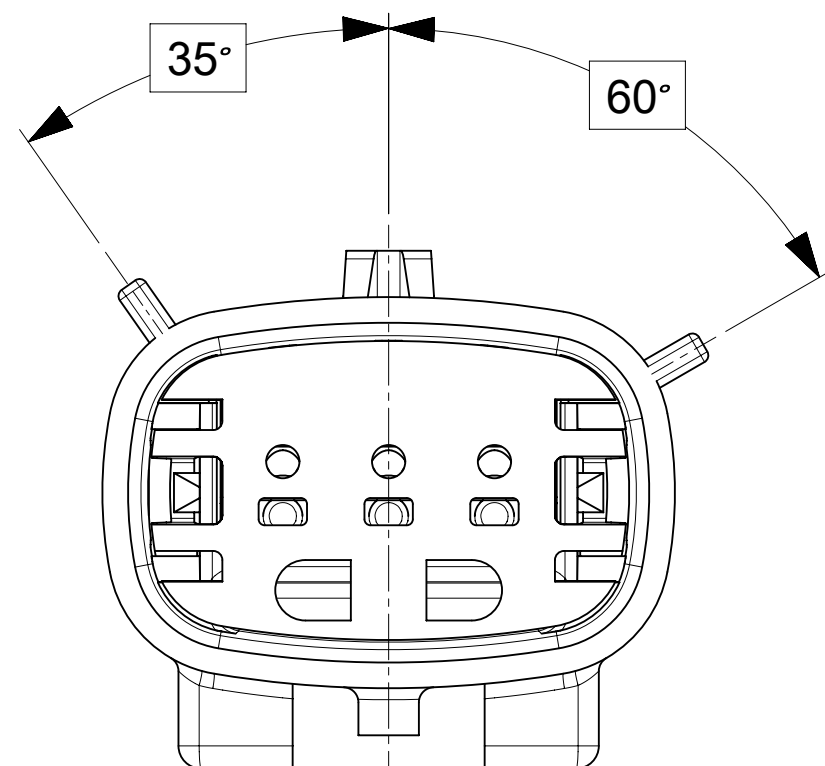
MX150 1X3 BLADE
SEALED ASSEMBLY MAT SEAL

PRODUCT CUSTOMER DRAWING

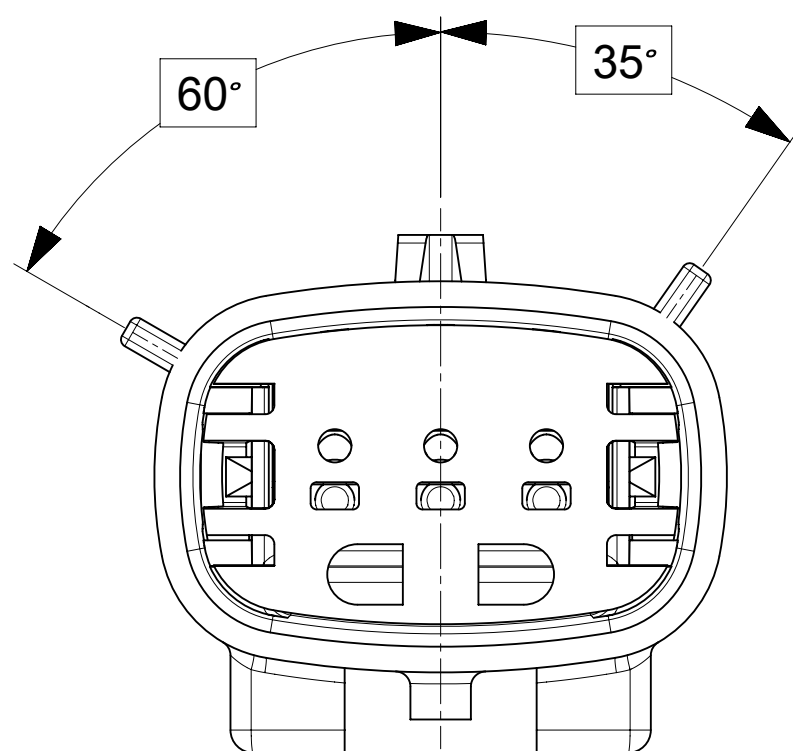
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-33481-031	PSD	001	R5



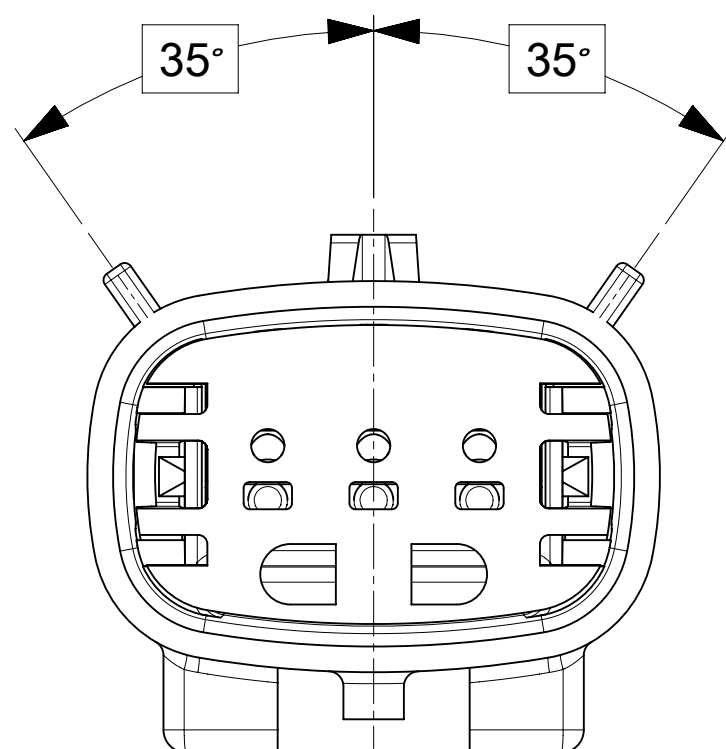
KEY A



KEY B



KEY C

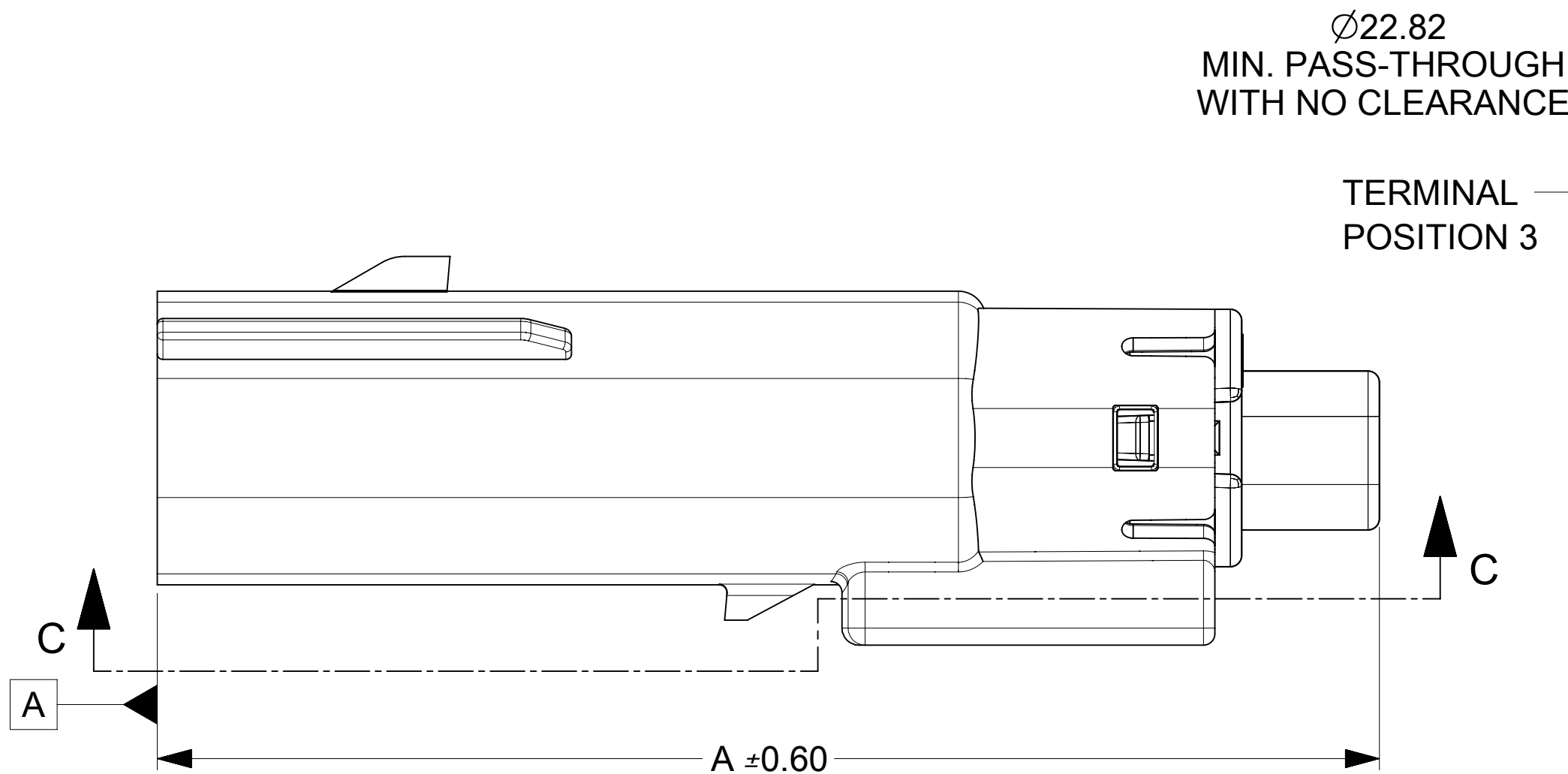
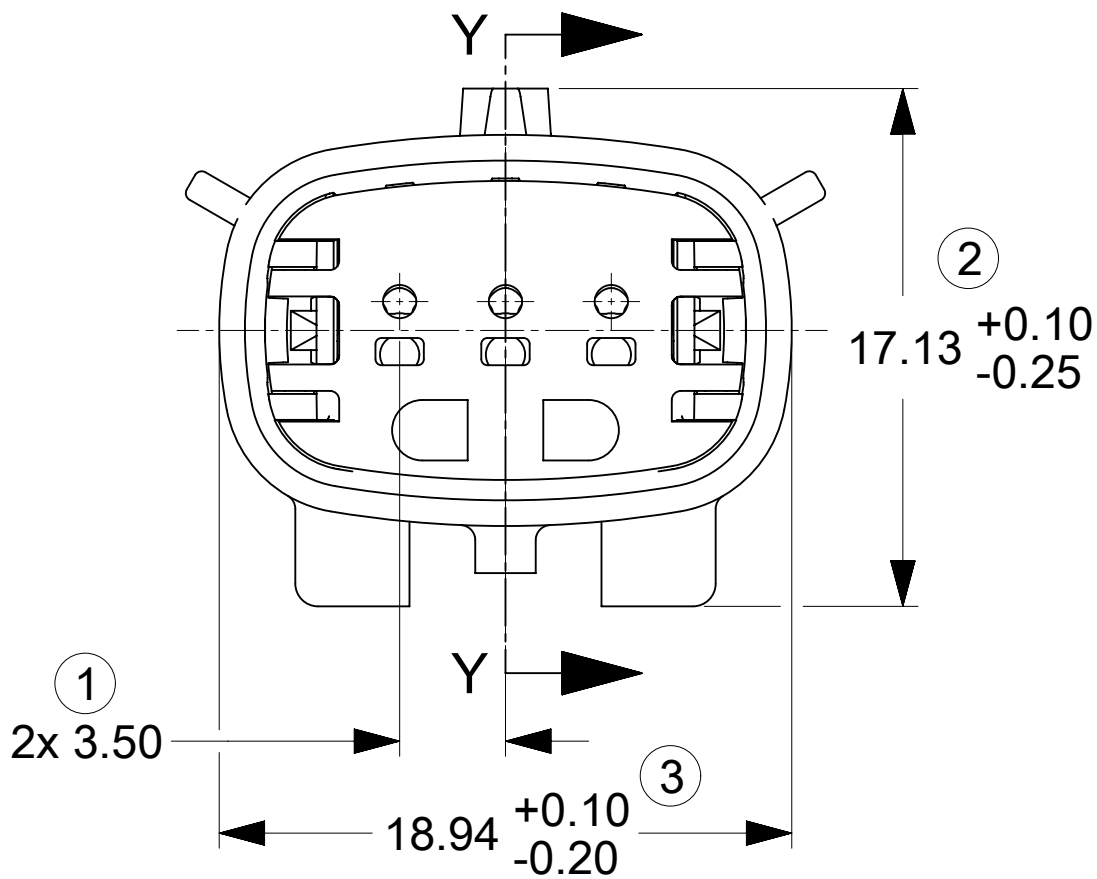
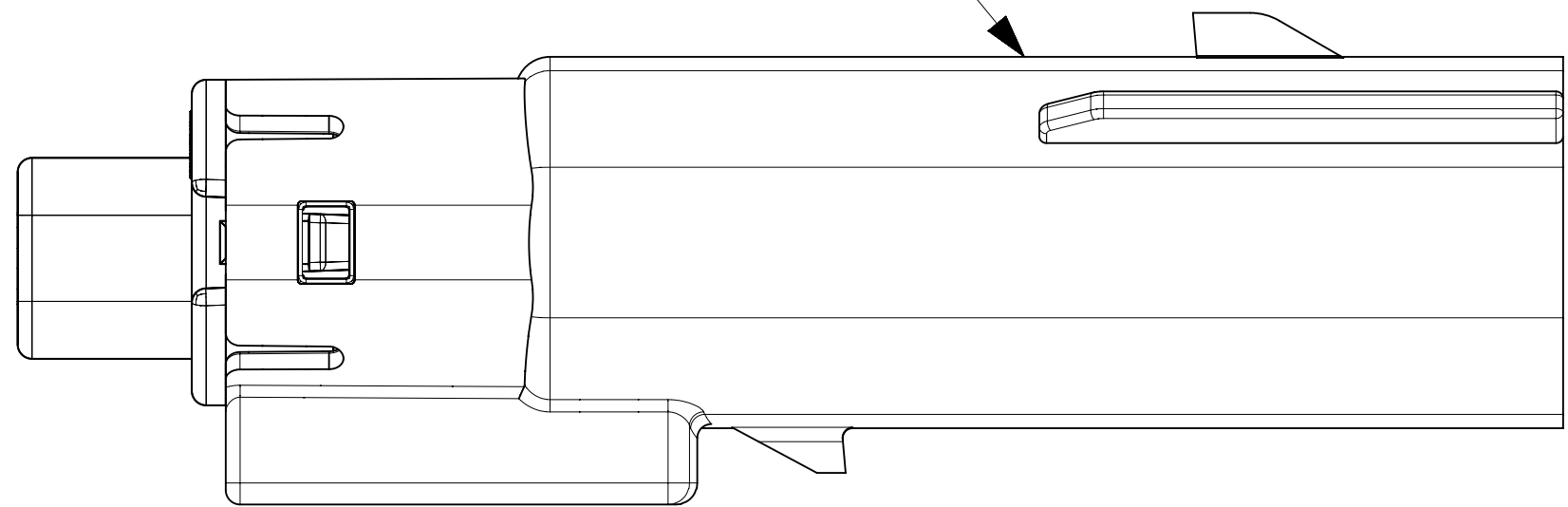


KEY D

KEY CONFIGURATION

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 REVISION TABLE		molex			
mm		4:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 645317 DRWN: MKP2020/08/10 CHK'D: MJMITCHELL2020/09/21 APPR: MJMITCHELL2020/09/21		MX150 1X3 BLADE SEALED ASSEMBLY MAT SEAL			
	MM	INCH							
4 PLACES	±		±						
3 PLACES	±		±						
2 PLACES	±	0.1	±						
1 PLACE	±	0.3	±						
0 PLACES	±		±						
ANGULAR TOL ± 3.0 °				INITIAL REVISION: DRWN: DMARCOUX06-12-02 APPR: FHOLUB06-12-02		PRODUCT CUSTOMER DRAWING			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						DOCUMENT NUMBER		DOC TYPE	DOC PART
				SD-33481-031		PSD	001	R5	
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
		D-SIZE		33481		SEE BOM		GENERAL MARKET	
								SHEET NUMBER	
								2 OF 7	

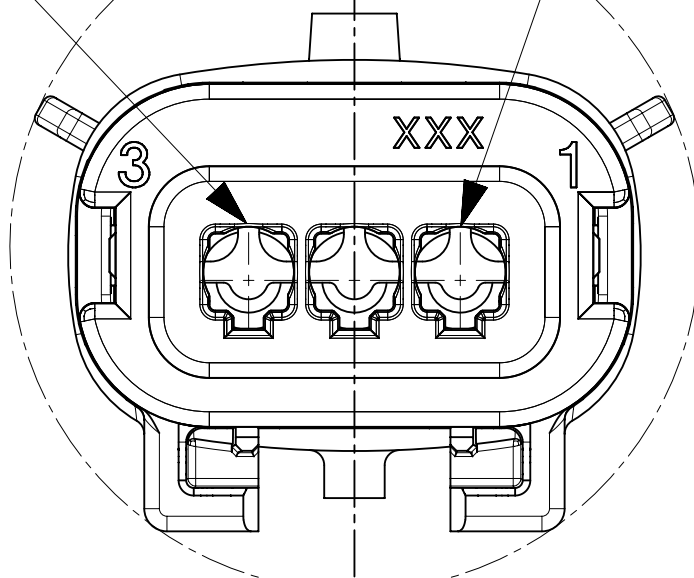
LASER MARKING THIS SURFACE
SEE NOTE 3g.



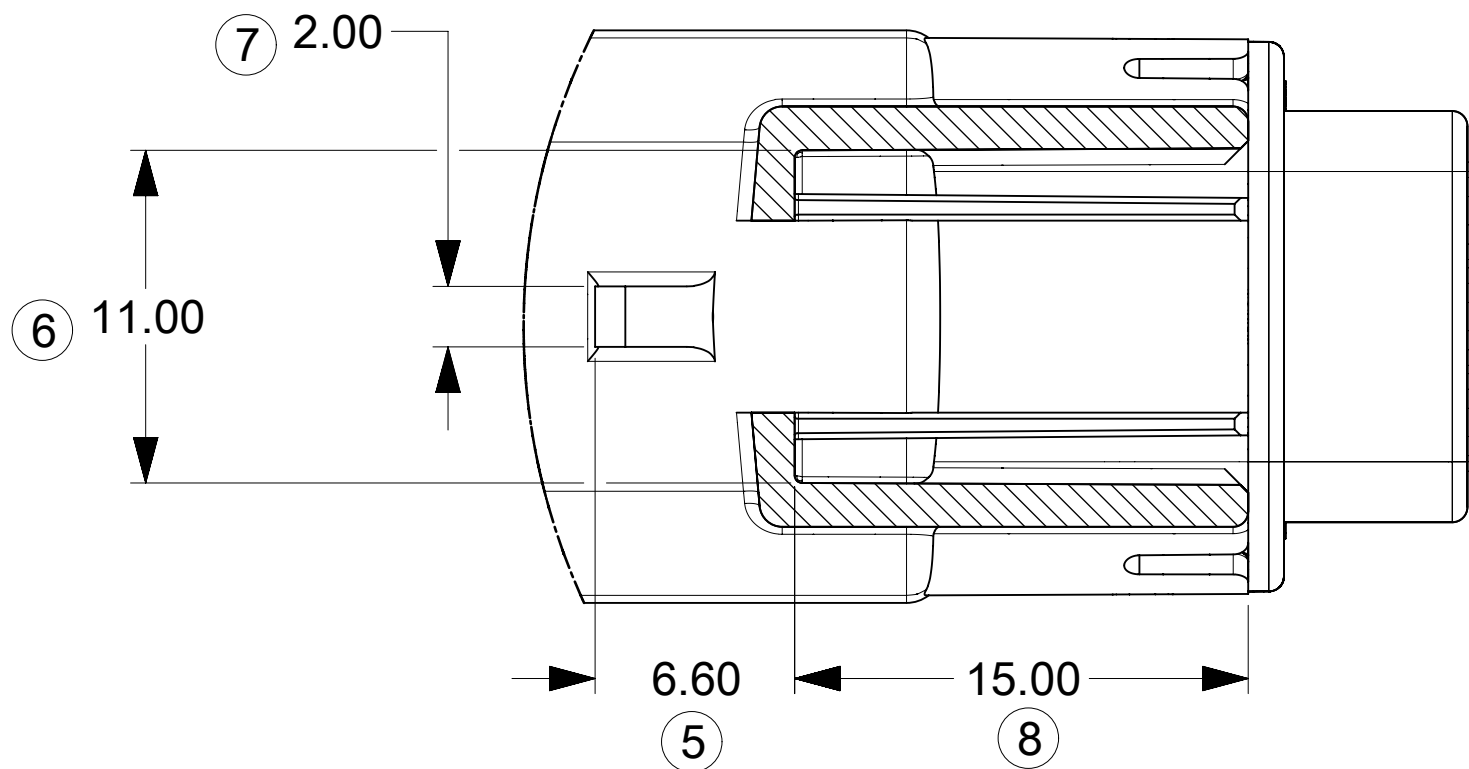
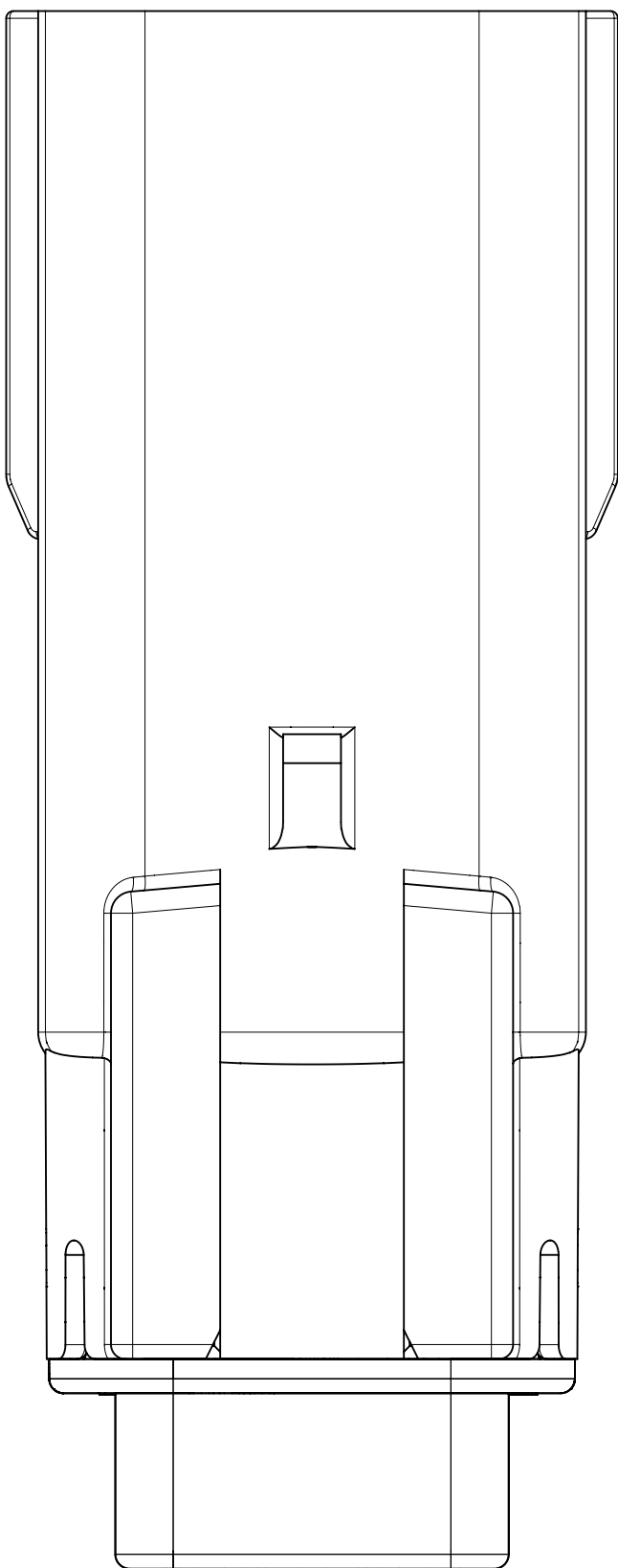
$\varnothing 22.82$
MIN. PASS-THROUGH
WITH NO CLEARANCE

TERMINAL
POSITION 3

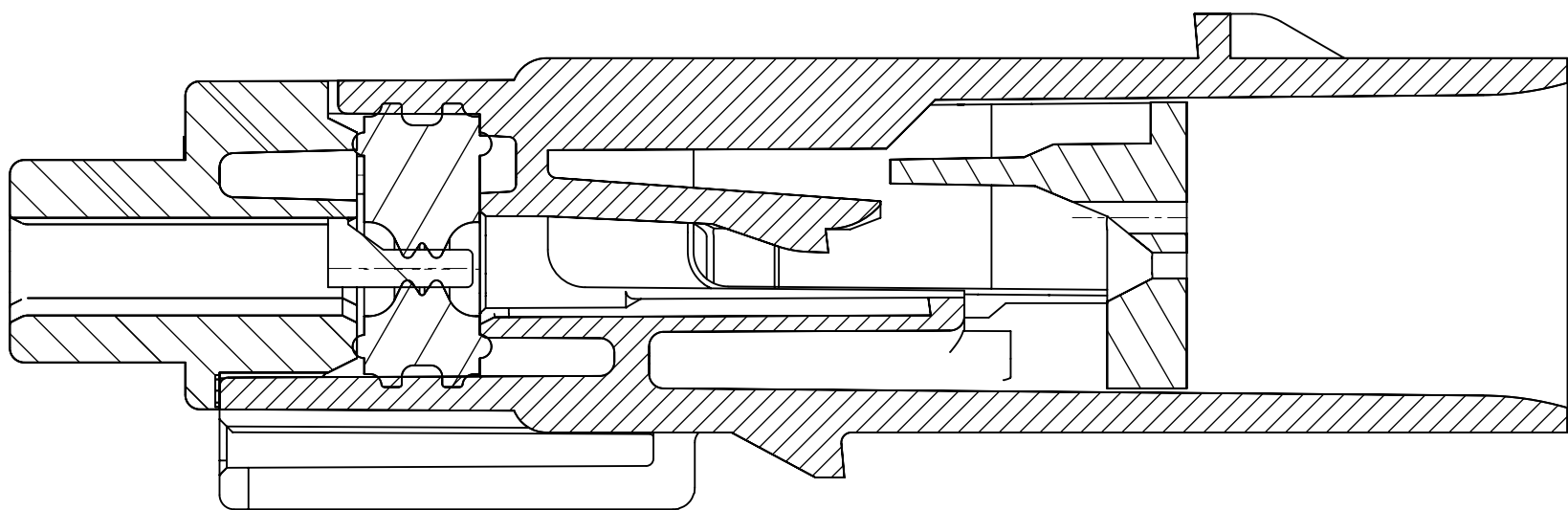
TERMINAL
POSITION 1



REAR VIEW
(WIRE HARNESS SIDE)

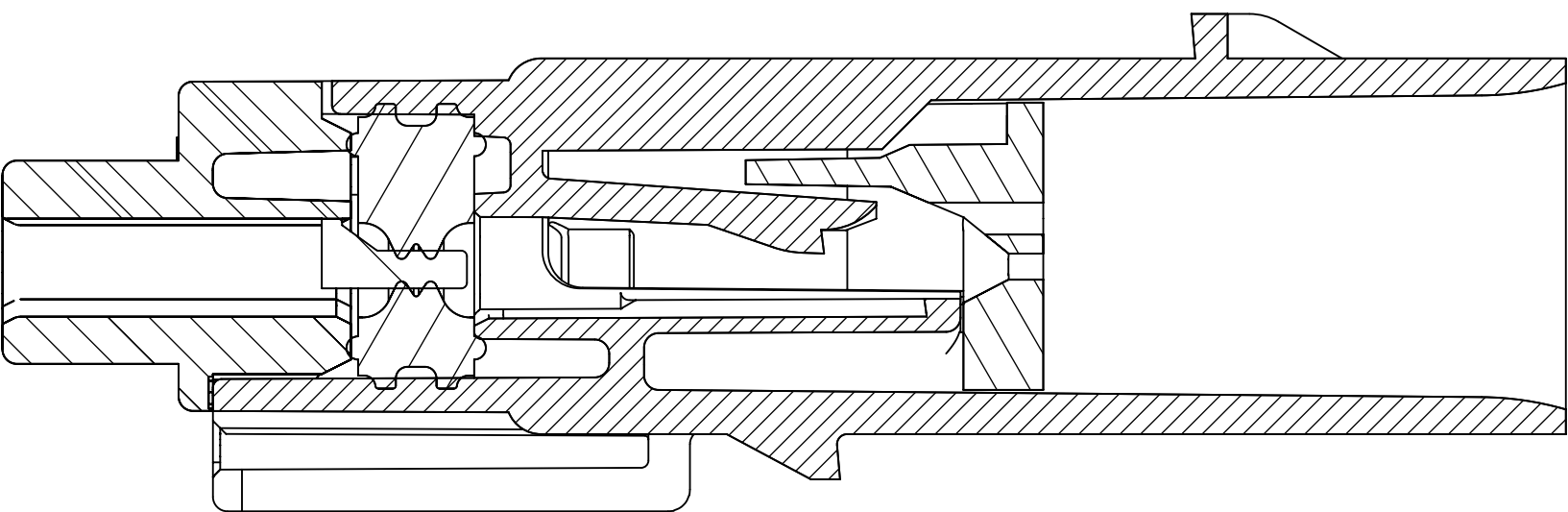


SECTION C-C



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN PRE-STAGED POSITION

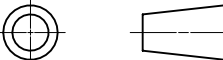
SECTION Z-Z



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL-LOCK POSITION

SECTION Y-Y

CHARTED DIMENSIONS	
CONFIGURATION	A
MX150 1X3 BLADE SEALED ASSEMBLY - STANDARD	53.85
MX150 1X3 BLADE SEALED ASSEMBLY - RIBBER BOOT CONFIGURATION	57.85

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 REVISION TABLE				molex					
mm		4:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)								MX150 1X3 BLADE SEALED ASSEMBLY MAT SEAL					
		MM	INCH	EC NO: 645317 DRWN: MKP 2020/08/10 CHK'D: MJMITCHELL 2020/09/21 APPR: MJMITCHELL 2020/09/21				PRODUCT CUSTOMER DRAWING					
4 PLACES	±		±										
3 PLACES	±		±										
2 PLACES	±	0.1	±										
1 PLACE	±	0.3	±										
0 PLACES	±		±	INITIAL REVISION: DRWN: DMARCOUX 06-12-02 APPR: FHOLUB 06-12-02				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
ANGULAR TOL		±	3.0 °					SD-33481-031		PSD	001	R5	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE	33481	SEE BOM		GENERAL MARKET		3 OF 7	

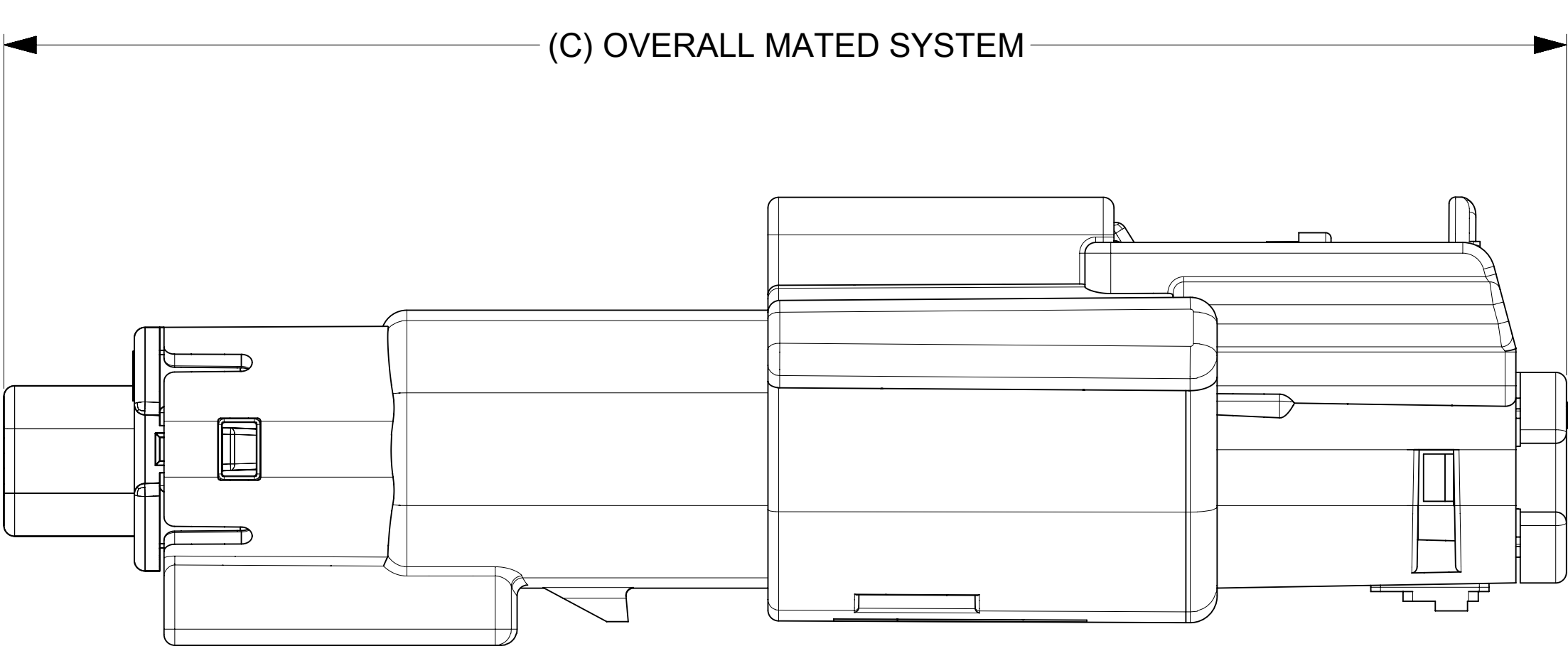
molex

MX150 1X3 BLADE
SEALED ASSEMBLY MAT SEAL

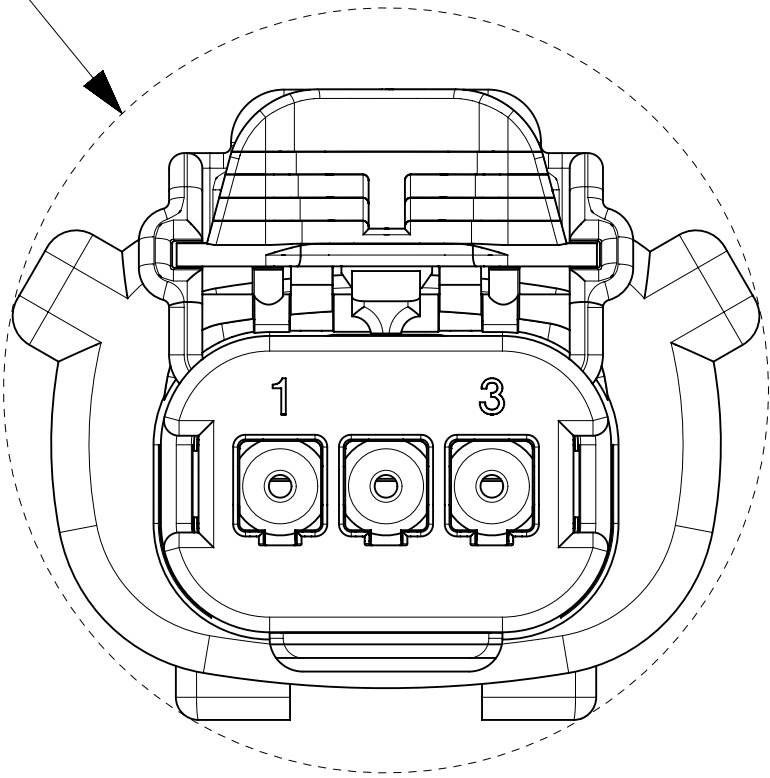
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-33481-031	PSD	001	R5

DOCUMENT STATUS	P1	RELEASE DATE	2020/09/21	14:03:57
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Ø25.30
MIN. PASS-THROUGH
WITH NO CLEARANCE



CHARTED DIMENSIONS	
CONFIGURATION	A
MX150 1X3 BLADE SEALED ASSEMBLY - STANDARD	53.85
MX150 1X3 BLADE SEALED ASSEMBLY - RIBBER BOOT CONFIGURATION	57.85

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DIMENSION UNITS

mm

SCALE

4:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.1	±
1 PLACE	± 0.3	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 645317

DRWN: MKP

CHK'D: MJMITCHELL

APPR: MJMITCHELL

2020/08/10

2020/09/21

2020/09/21

INITIAL REVISION:

DRWN: DMARCOUX

APPR: FHOLUB

06-12-02

06-12-02

DOCUMENT NUMBER

SD-33481-031

DOC TYPE

PSD

DOC PART

001

REVISION

R5

SHEET NUMBER

4 OF 7

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-33481-031

DOC TYPE

PSD

DOC PART

001

REVISION

R5

SERIES

33481

DRAWING

D-SIZE

MATERIAL NUMBER

SEE BOM

CUSTOMER

GENERAL MARKET

DOCUMENT STATUS

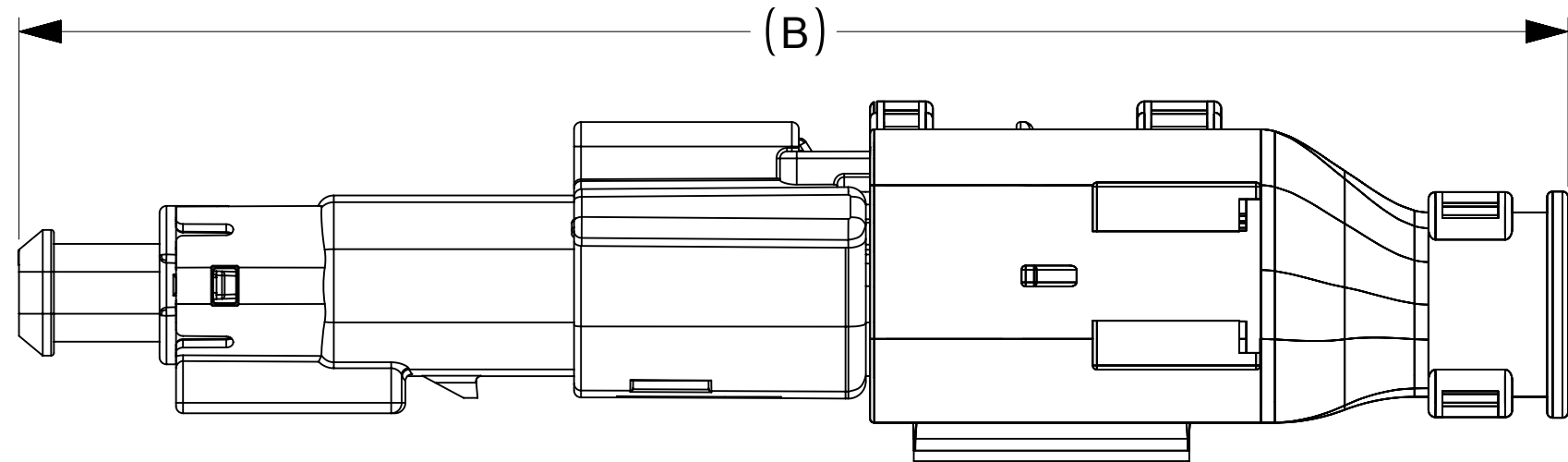
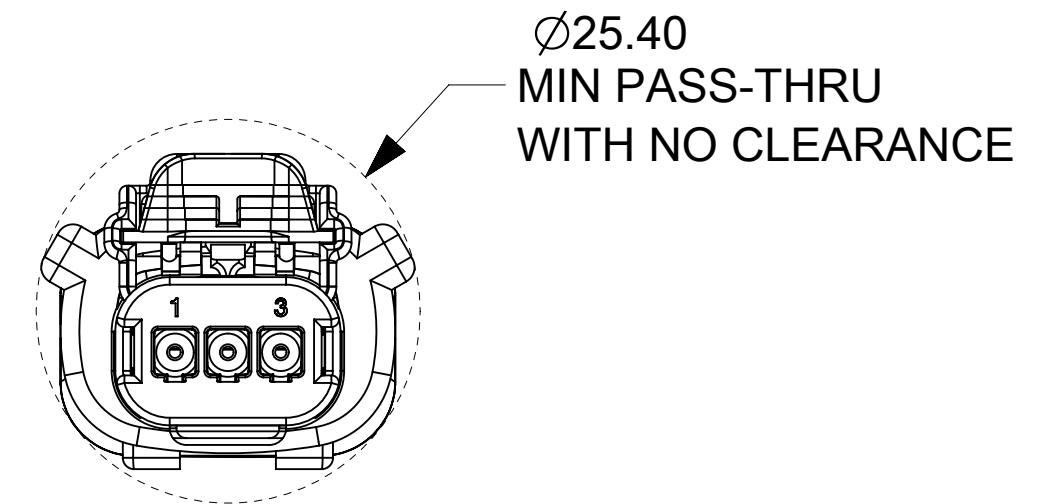
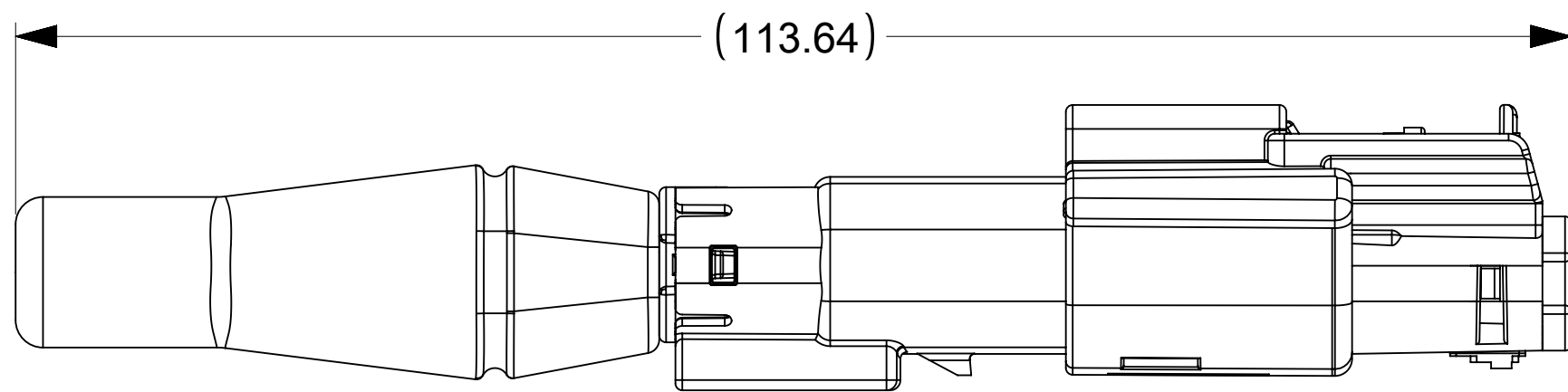
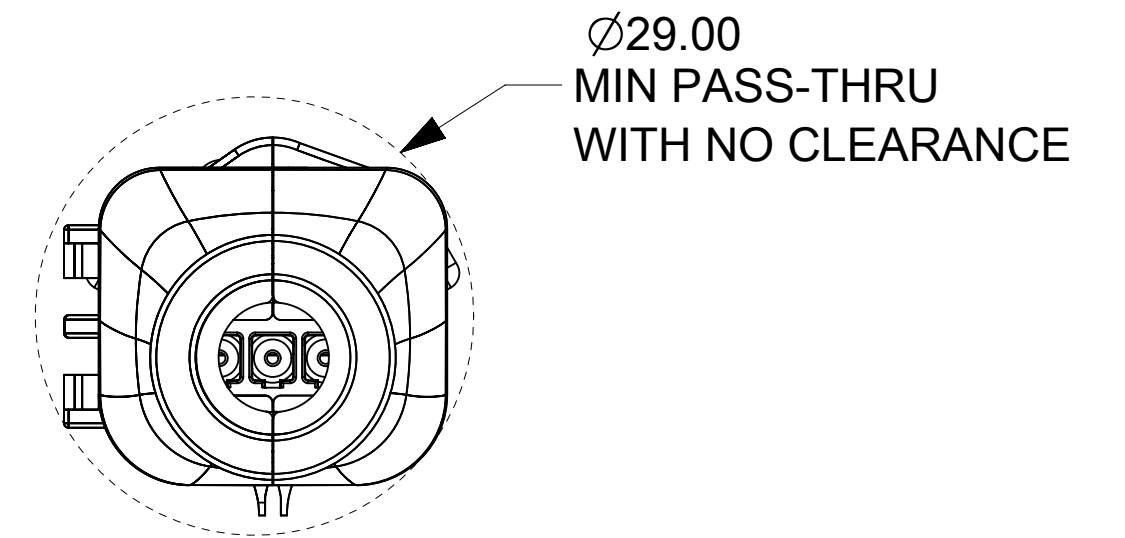
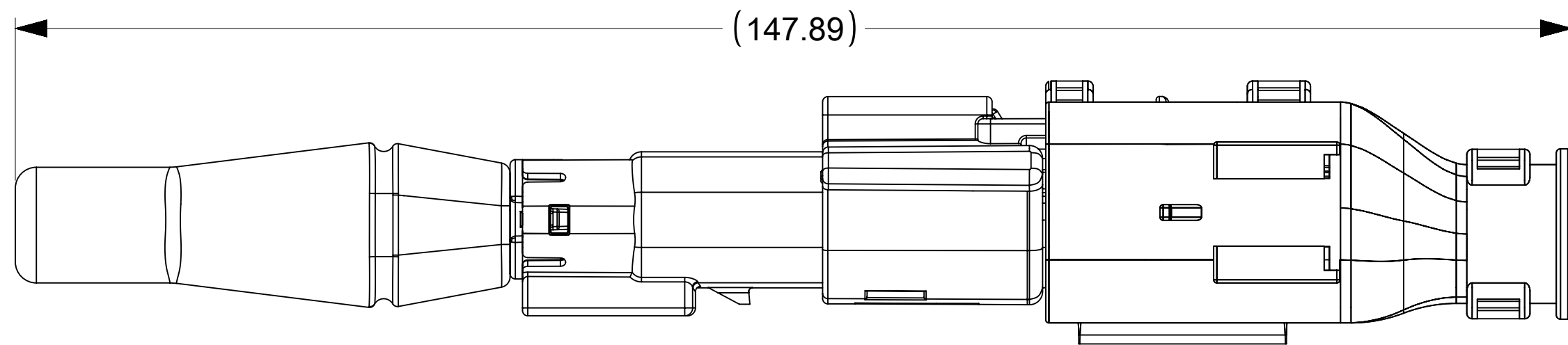
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RELEASE DATE

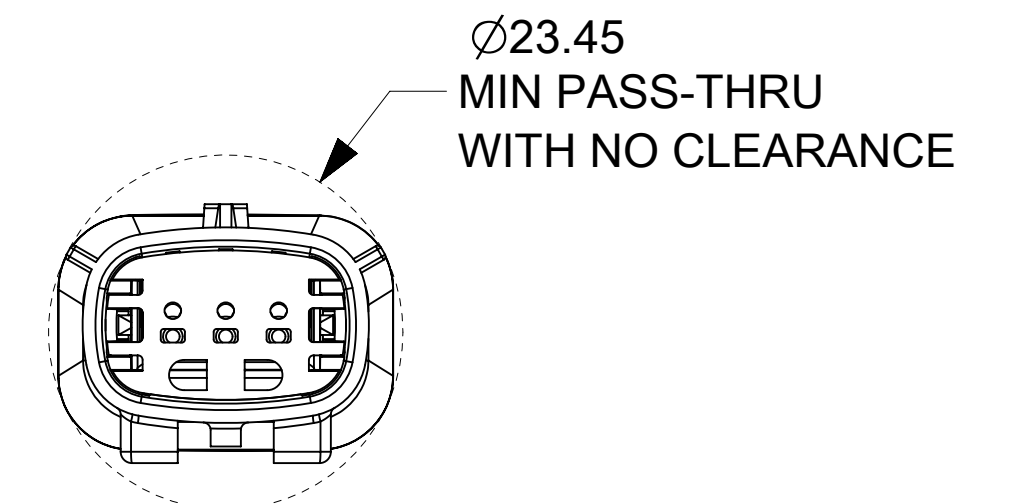
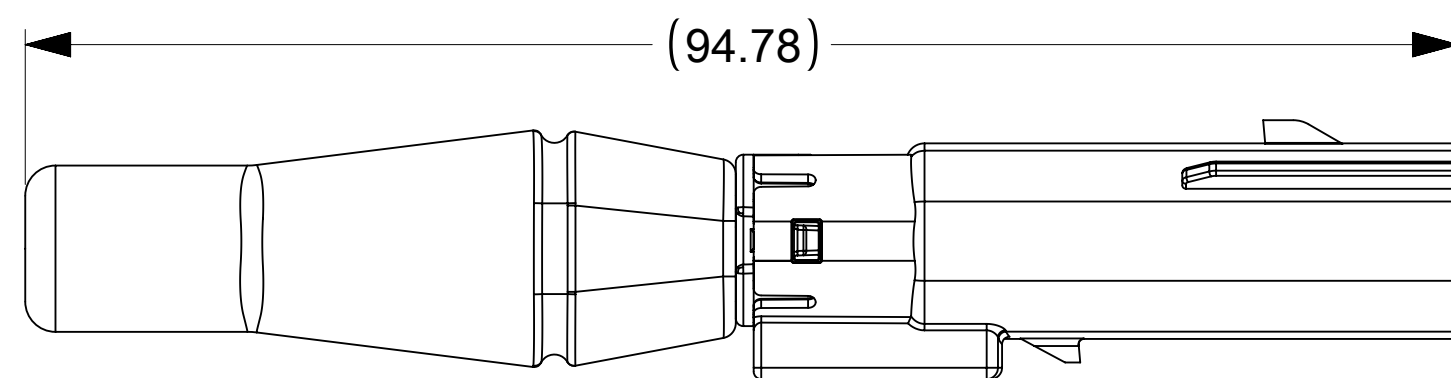
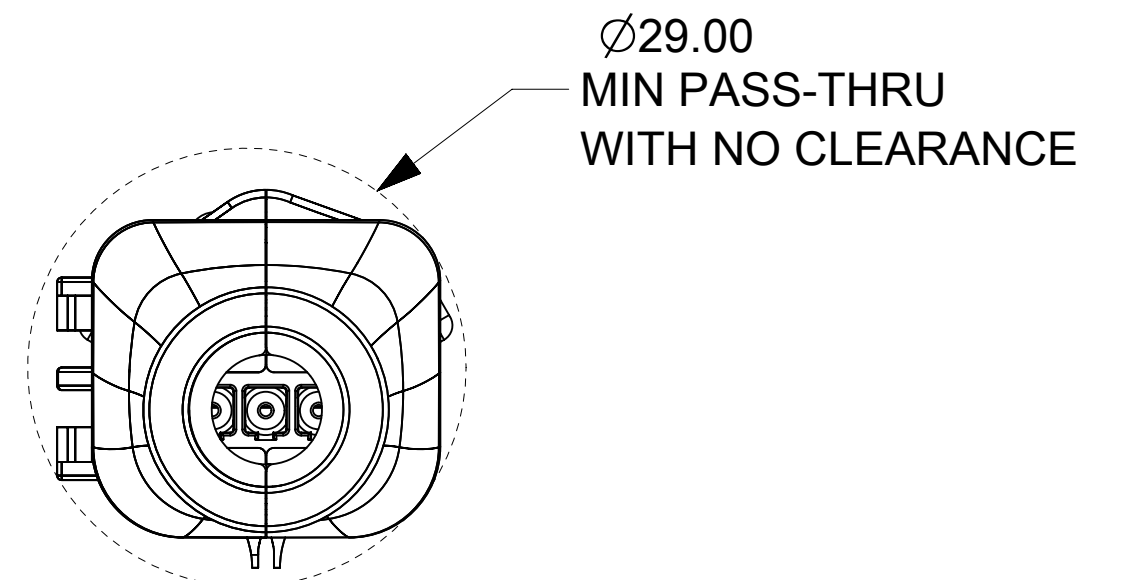
2020/09/21

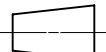
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CHARTED DIMENSIONS	
CONFIGURATION	B
MX150 1X3 BLADE SEALED ASSEMBLY - STANDARD	106.96
MX150 1X3 BLADE SEALED ASSEMBLY - RIBBER BOOT CONFIGURATION	110.96



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DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE				molex				
mm		2:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 645317 DRWN: MKP2020/08/10 CHK'D: MJMITCHELL2020/09/21 APPR: MJMITCHELL2020/09/21 INITIAL REVISION: DRWN: DMARCOUX06-12-02 APPR: FHOLUB06-12-02				MX150 1X3 BLADE SEALED ASSEMBLY MAT SEAL				
	MM	INCH										
4 PLACES	±		±									
3 PLACES	±		±									
2 PLACES	±	0.1	±									
1 PLACE	±	0.3	±									
0 PLACES	±		±									
ANGULAR TOL ± 3.0 °								PRODUCT CUSTOMER DRAWING				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION  				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
								SD-33481-031		PSD	001	R5
				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		
				D-SIZE		33481		SEE BOM		GENERAL MARKET		
										SHEET NUMBER		
										5 OF 7		

R5

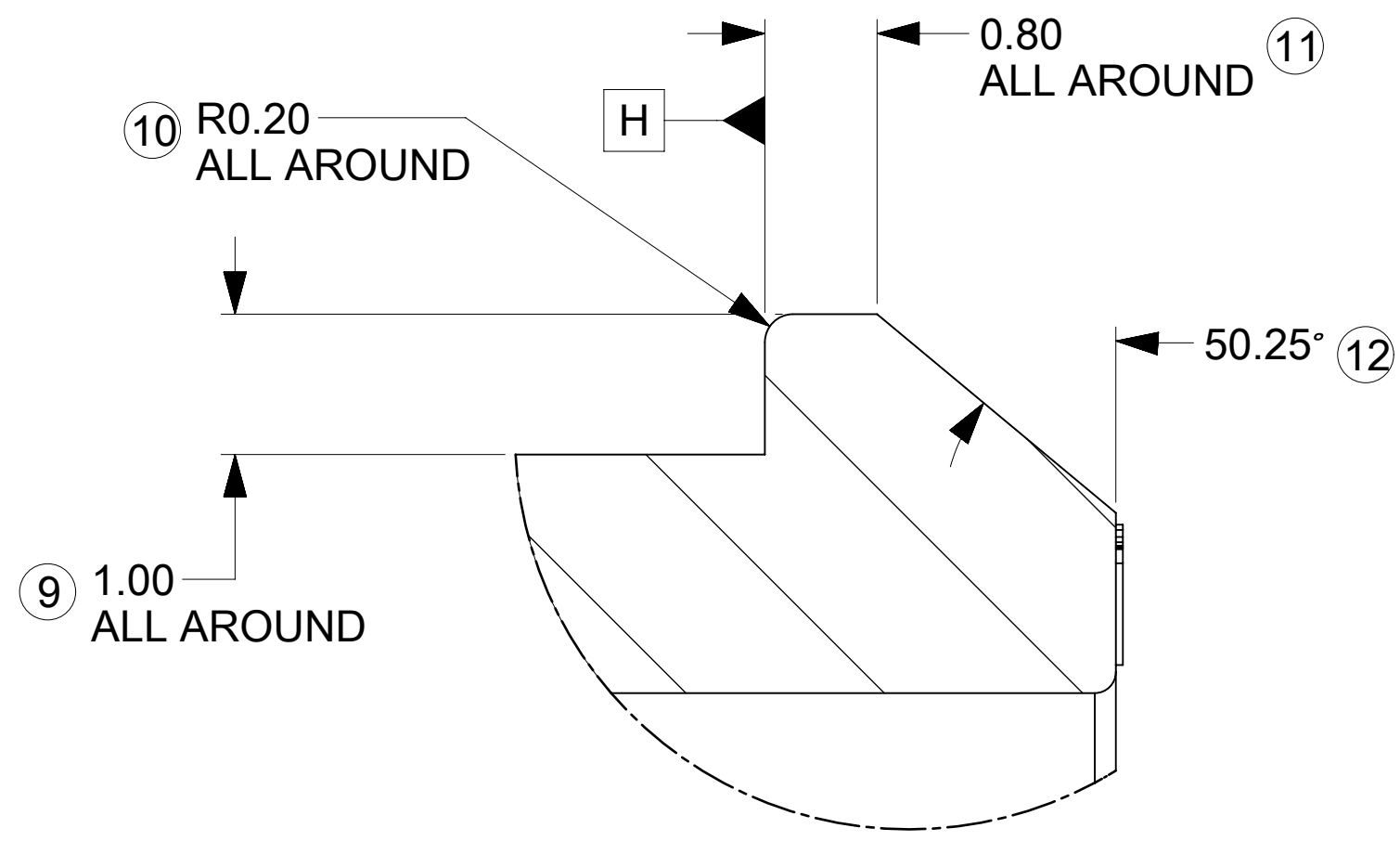
ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	CAVITY TYPE & STATUS (X = PLUGGED)			STATUS	COMMENTS	OPTIONAL ATTACHMENT SOLD SEPARATELY SMP RUBBER BOOT
			1	2	3			
33481-0301	BLACK	A				NOT RECOMMENDED		NOT AVAILABLE
33481-0302	LT.GRAY	B				NOT RECOMMENDED		NOT AVAILABLE
33481-0303	BROWN	C				NOT RECOMMENDED	NOT RECOMMENDED, SEE P/N 33481-0322	NOT AVAILABLE
33481-0304	GREEN	D				NOT RECOMMENDED	NOT RECOMMENDED, SEE P/N 33481-0323	NOT AVAILABLE
33481-0305	CUSTOM	TBD				PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0306	BLACK	A			X	PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0307	LT.GRAY	B			X	PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0308	BROWN	C			X	PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0309	GREEN	D			X	PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0310	CUSTOM	TBD			X	PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0311	BLACK	A	X		X	PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0312	LT.GRAY	B	X		X	PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0313	BROWN	C	X		X	PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0314	GREEN	D	X		X	PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0315	CUSTOM	TBD	X		X	PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0316	BLACK	A	X	X	X	NOT RECOMMENDED		NOT AVAILABLE
33481-0317	LT.GRAY	B	X	X	X	PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0318	BROWN	C	X	X	X	NOT RECOMMENDED	NOT RECOMMENDED, SEE P/N 33481-0324	NOT AVAILABLE
33481-0319	GREEN	D	X	X	X	NOT RECOMMENDED	NOT RECOMMENDED, SEE P/N 33481-0325	NOT AVAILABLE
33481-0320	CUSTOM	TBD	X	X	X	PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0321	BLACK	A		X		NOT RECOMMENDED		NOT AVAILABLE
33481-0322	DK.GRAY	C				PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0323	ST.GRAY	D				PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0324	DK.GRAY	C	X	X	X	PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0325	ST.GRAY	D	X	X	X	PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0330	YELLOW	A				PLANNED OBSOLESCENCE		NOT AVAILABLE
33481-0340	BLACK	A				NOT RECOMMENDED	RUBBER BOOT CONFIGURATION	P/N TBD
33481-0341	BLACK	A	X	X	X	PLANNED OBSOLESCENCE	RUBBER BOOT CONFIGURATION	P/N TBD

R5

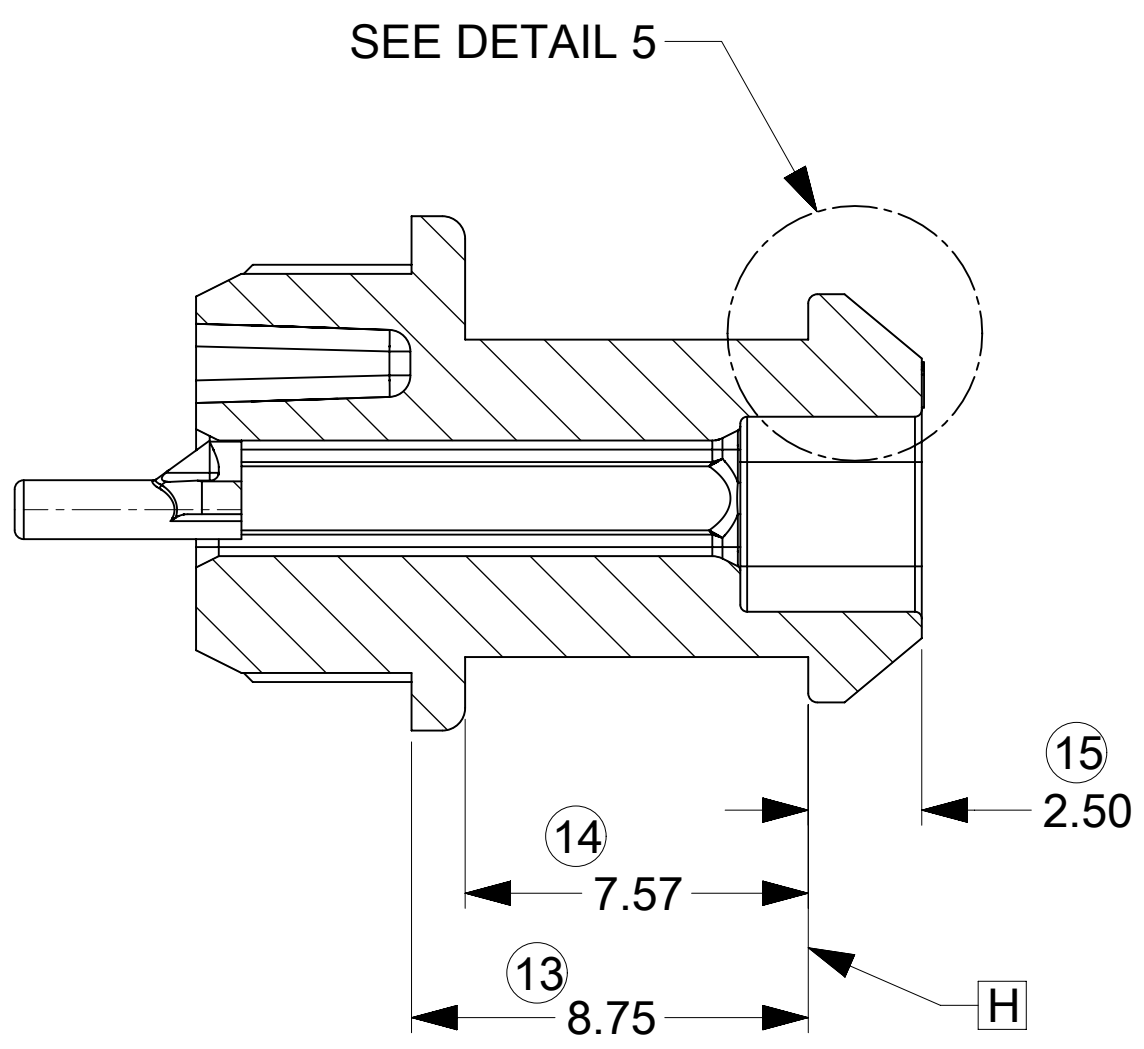
ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	CAVITY TYPE & STATUS (X = PLUGGED)			STATUS	COMMENTS	OPTIONAL ATTACHMENT SOLD SEPARATELY SMP RUBBER BOOT
			1	2	3			
33481-3301	BLACK	A				SALEABLE		AVAILABLE
33481-3302	LT.GRAY	B				SALEABLE		AVAILABLE
33481-3303	BROWN	C				NOT RECOMMENDED	NOT RECOMMENDED, SEE P/N 33481-0322	NOT AVAILABLE
33481-3304	GREEN	D				NOT RECOMMENDED	NOT RECOMMENDED, SEE P/N 33481-0323	NOT AVAILABLE
33481-3305	CUSTOM	TBD				SALEABLE		AVAILABLE
33481-3306	BLACK	A			X	SALEABLE		AVAILABLE
33481-3307	LT.GRAY	B			X	SALEABLE		AVAILABLE
33481-3308	BROWN	C			X	SALEABLE		AVAILABLE
33481-3309	GREEN	D			X	SALEABLE		AVAILABLE
33481-3310	CUSTOM	TBD			X	SALEABLE		AVAILABLE
33481-3311	BLACK	A	X		X	SALEABLE		AVAILABLE
33481-3312	LT.GRAY	B	X		X	SALEABLE		AVAILABLE
33481-3313	BROWN	C	X		X	SALEABLE		AVAILABLE
33481-3314	GREEN	D	X		X	SALEABLE		AVAILABLE
33481-3315	CUSTOM	TBD	X		X	SALEABLE		AVAILABLE
33481-3316	BLACK	A	X	X	X	SALEABLE		AVAILABLE
33481-3317	LT.GRAY	B	X	X	X	SALEABLE		AVAILABLE
33481-3318	BROWN	C	X	X	X	NOT RECOMMENDED	NOT RECOMMENDED, SEE P/N 33481-0324	NOT AVAILABLE
33481-3319	GREEN	D	X	X	X	NOT RECOMMENDED	NOT RECOMMENDED, SEE P/N 33481-0325	NOT AVAILABLE
33481-3320	CUSTOM	TBD	X	X	X	SALEABLE		AVAILABLE
33481-3321	BLACK	A		X		SALEABLE		AVAILABLE
33481-3322	DK.GRAY	C				SALEABLE		AVAILABLE
33481-3323	ST.GRAY	D				SALEABLE		AVAILABLE
33481-3324	DK.GRAY	C	X	X	X	SALEABLE		AVAILABLE
33481-3325	ST.GRAY	D	X	X	X	SALEABLE		AVAILABLE
33481-3330	YELLOW	A				SALEABLE		AVAILABLE
33481-3340	BLACK	A				SALEABLE	RUBBER BOOT CONFIGURATION	P/N TBD
33481-3341	BLACK	A	X	X	X	SALEABLE	RUBBER BOOT CONFIGURATION	P/N TBD

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 REVISION TABLE				molex MX150 1X3 BLADE SEALED ASSEMBLY MAT SEAL							
mm		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 645317 DRWN: MKP 2020/08/10 CHK'D: MJMITCHELL 2020/09/21 APPR: MJMITCHELL 2020/09/21											
	MM	INCH		PRODUCT CUSTOMER DRAWING											
4 PLACES	±	±													
3 PLACES	±	±		DOCUMENT NUMBER DOC TYPE DOC PART REVISION											
2 PLACES	± 0.1	±													
1 PLACE	± 0.3	±		SD-33481-031 PSD 001 R5											
0 PLACES	±	±													
ANGULAR TOL ± 3.0 °				INITIAL REVISION: DRWN: DMARCOUX 06-12-02 APPR: FHOLUB 06-12-02											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								D-SIZE 33481		SEE BOM		GENERAL MARKET		6 OF 7	

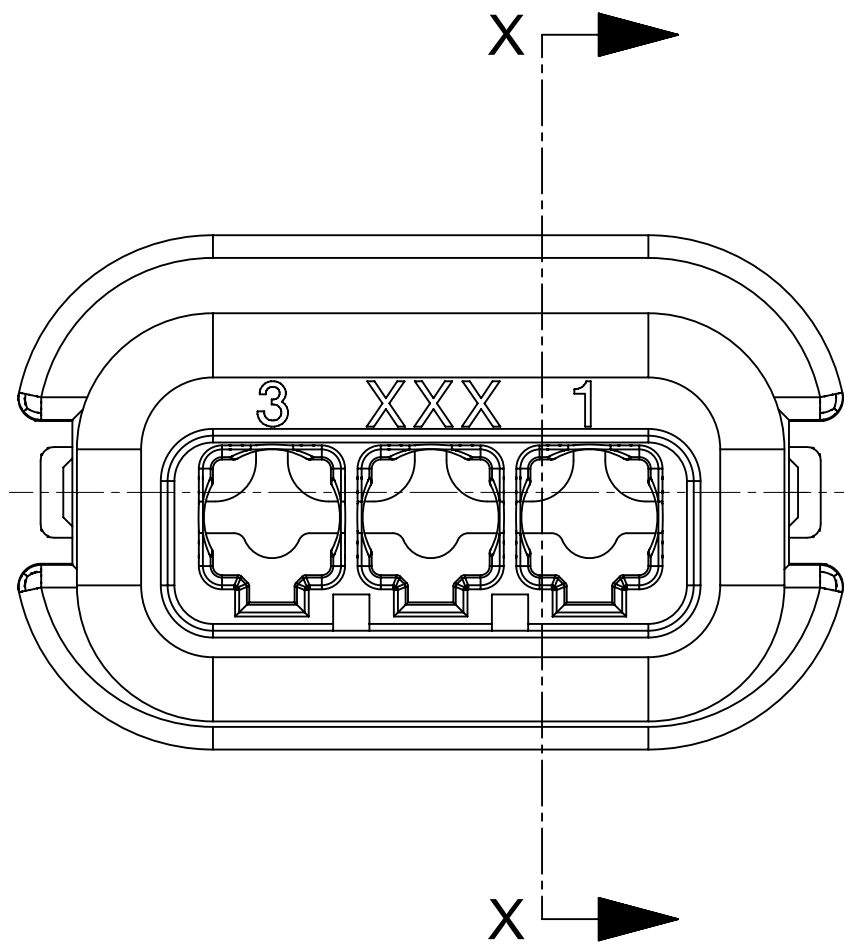
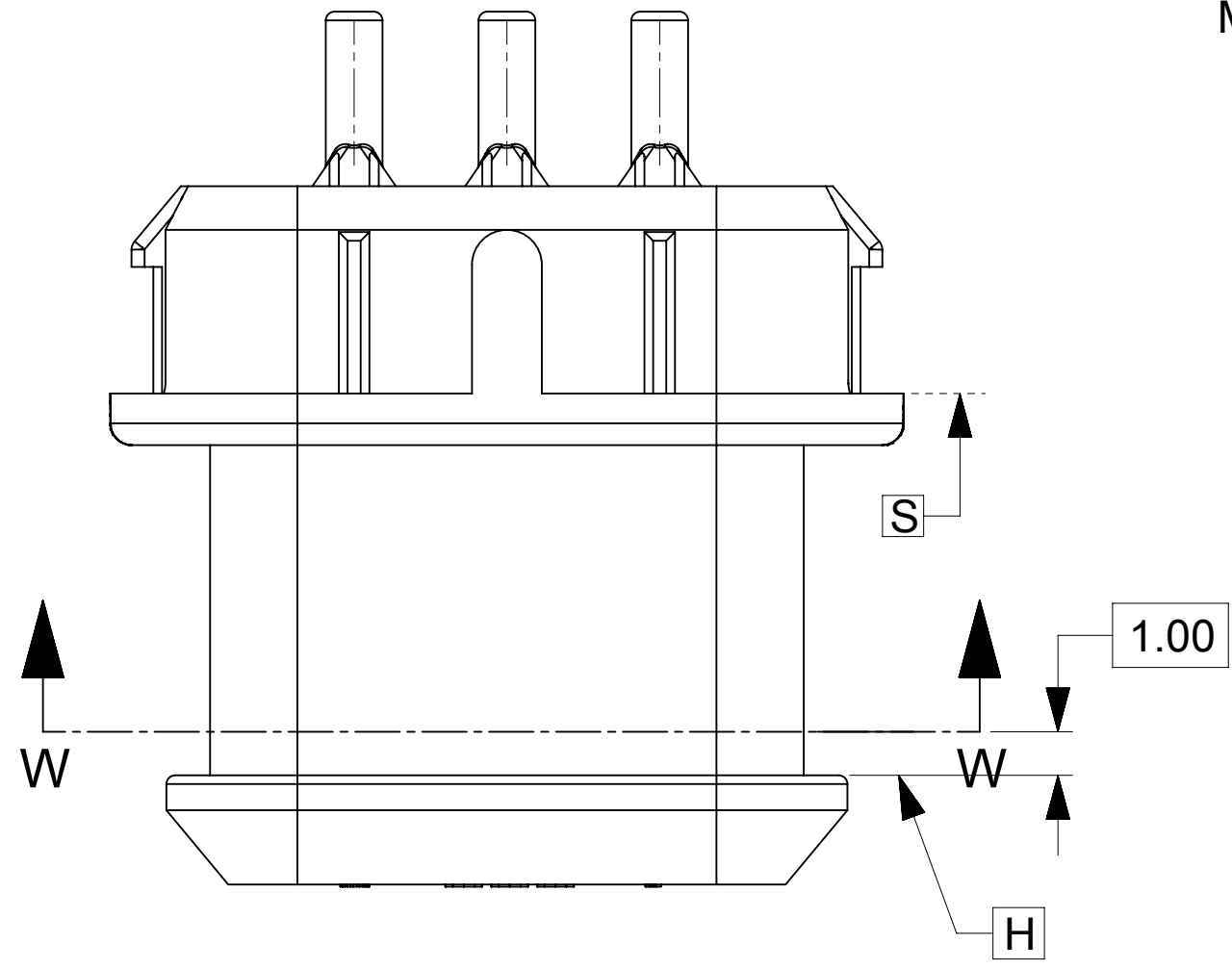
DOCUMENT STATUS	P1	RELEASE DATE	2020/09/21	14:03:57
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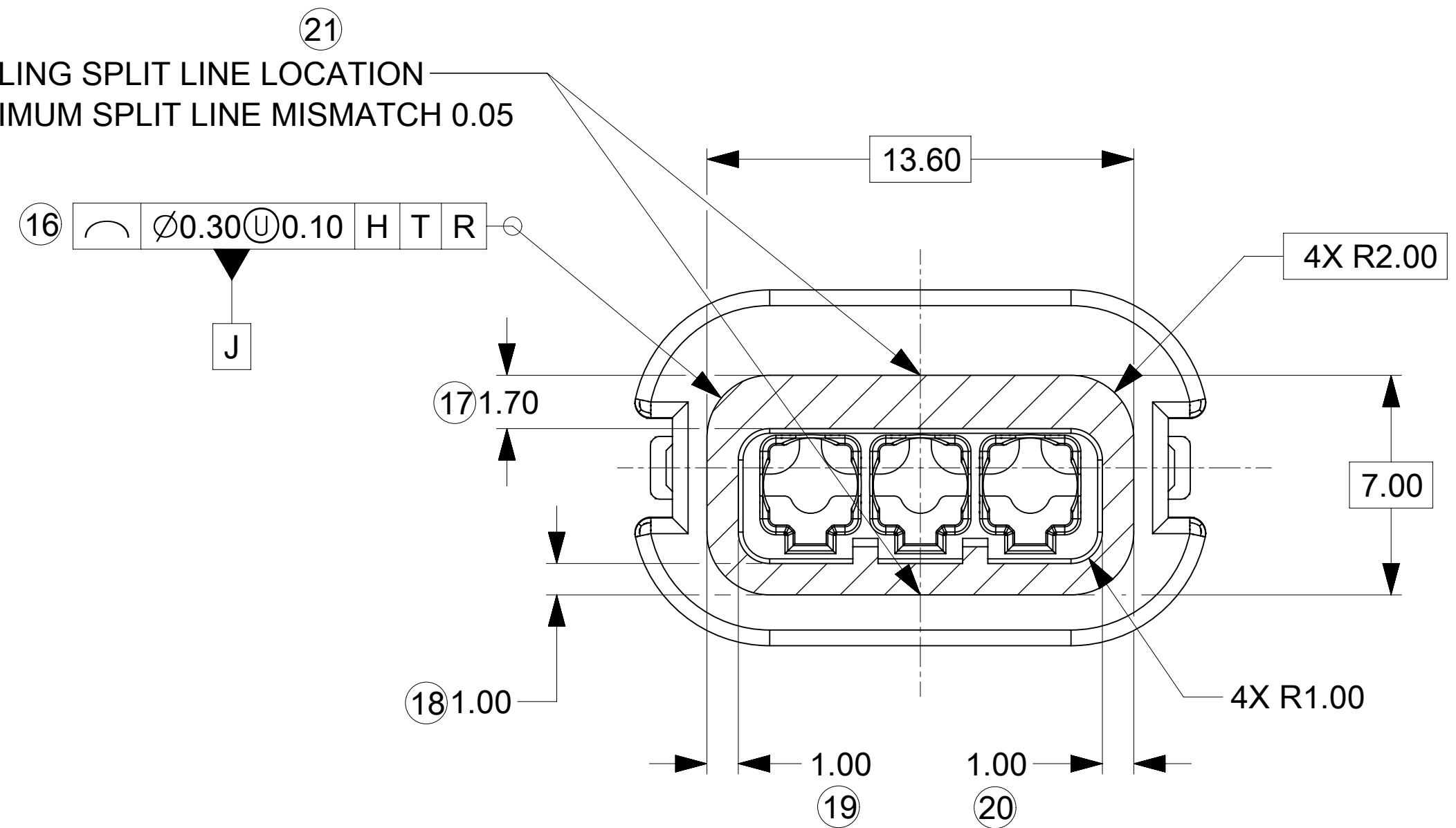
DETAIL 5
SCALE 20:1



SECTION X-X



TOOLING SPLIT LINE LOCATION
MAXIMUM SPLIT LINE MISMATCH 0.05



SECTION W-W

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 REVISION TABLE			molex			
mm		2:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)										
	MM		INCH				MX150 1X3 BLADE SEALED ASSEMBLY MAT SEAL			
4 PLACES	±	±								
3 PLACES	±	±		PRODUCT CUSTOMER DRAWING						
2 PLACES	± 0.1	±								
1 PLACE	± 0.3	±								
0 PLACES	±			DOCUMENT NUMBER SD-33481-031		DOC TYPE PSD	DOC PART 001	REVISION R5		
ANGULAR TOL		± 3.0 °								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER	
				D-SIZE	33481	SEE BOM		GENERAL MARKET	7 OF 7	

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONFIGURATIONS
3-4	KEY CONFIGURATIONS
5	BLADE SEALED ASSEMBLY
6	SYSTEM PACKAGING
7	BACKSHELL NOTES
8	BACKSHELL
9	BACKSHELL CONFIGURATIONS

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-33472-100
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
 - DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY AS SPECIFIED IN THE MATING CONNECTOR DRAWINGS CHART.
 - *DENOTES DRAWINGS THAT CAN BE ACCESSED AT <http://ewcap.uscarteams.org/>
 - ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION (SEE PLR PRE-LOCK VIEW SHEET 5).
- b. PRODUCT SPECIFICATION SEE:
- STANDARD CONFIGURATION: PS-33471-000
 - UL V0 CONFIGURATION: PS-160105-0001
 - CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), TERMINALS, WIRE DIAMETER RANGE, PRODUCT VALIDATION, AND PRODUCT DEVIATIONS.
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31300-635 (PK-33471-000 FOR 1X5)
- d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-300
- e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

2. DESIGN - MATERIALS:

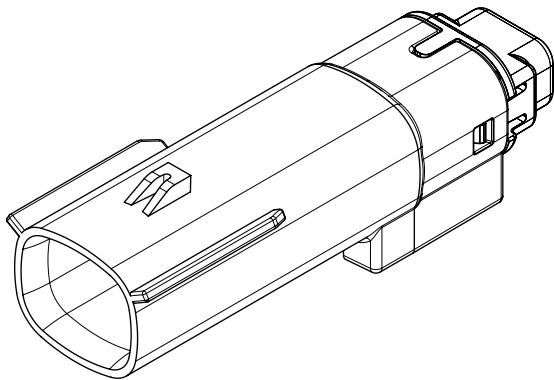
- a. FOR BILL OF MATERIALS SEE:
- STANDARD CONFIGURATION: SD-33481-0002
 - UL V0 CONFIGURATION: SD-160106-0002

3. DESIGN - GEOMETRY:

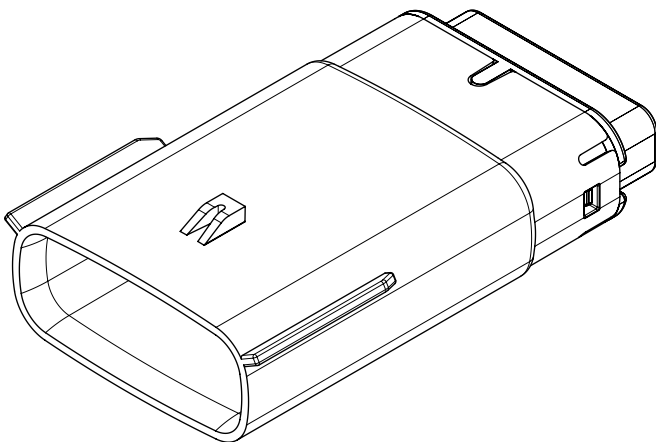
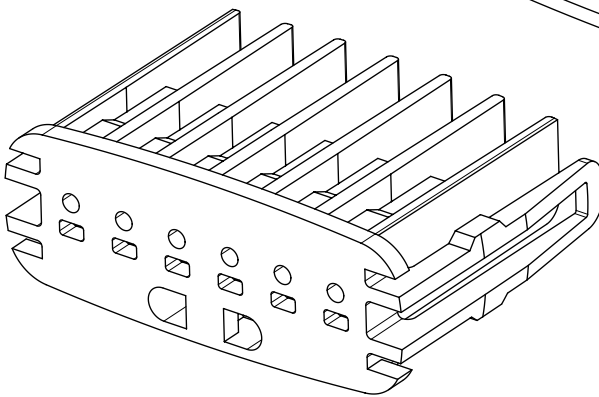
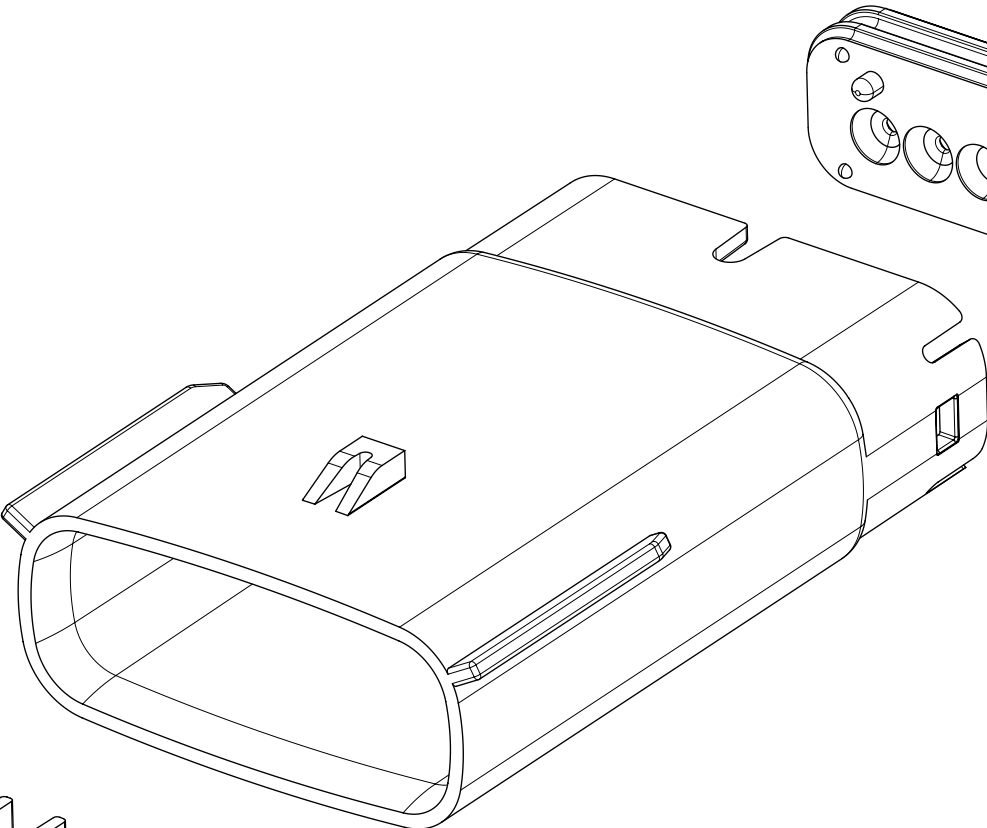
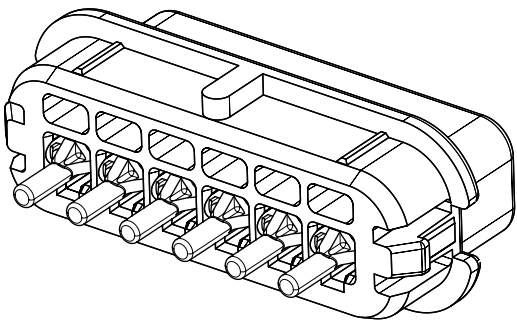
- a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
- c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
- f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B).
- g. LASER MARKING:
- PART NUMBER
 - DAY OF THE YEAR
 - SHIFT
 - YEAR
- FOR ADDITIONAL INFORMATION SEE SECTION 5 UNDER PROCEDURES IN ES-34735-008.

MATING CONNECTOR DRAWINGS

DESCRIPTION	MOLEX INLINE
1X2	SD-33471-0001
1X6	SD-33471-0001



1X2



1X6

INSPECTION NUMBER LOG	
LAST NUMBER: 9	
ADDED:	
REMOVED:	

A1	NX REMASTERING , CHANGE PS DRAWING NUMBER FROM PS-160105-0001 TO PS-160074-0001 IN NOTES 1.b
A	MINOR GEOMETRY CHANGE FOR UL V0
2	UPDATED VIEWSETS
1	INITIAL RELEASE
REV	REV DESCRIPTION

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 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 602373 DRWN: DSHETTY01 2018/05/25 CHK'D: MVANSLAMBROU 2018/10/04 APPR: MVANSLAMBROU 2018/10/04 INITIAL REVISION: DRWN: APROFFITT 2015/07/21 APPR: KDEKOSKI 2016/06/14 THIRD ANGLE PROJECTION DRAWING SERIES MATERIAL NUMBER CUSTOMER SHEET NUMBER										
	MM ONLY		1.5:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 1.0 °														
	4 PLACES ±														
	3 PLACES ±														
	2 PLACES ± 0.1														
	1 PLACE ± 0.2														
	0 PLACES ±														
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														
						A1-SIZE		33481		SEE NOTE 2a.		GENERAL MARKET		1 OF 9	

molex				
MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL				
PRODUCT CUSTOMER DRAWING				
DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
SD-33481-0001		PSD	001	A1

molex

MX150 BLADE
SINGLE ROW SEALED ASSY MAT SEAL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER DOC TYPE DOC PART REVISION

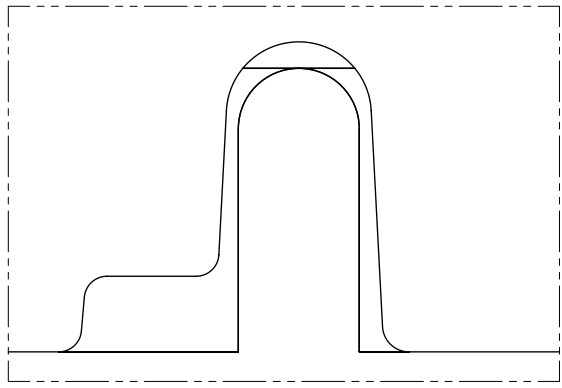
SD-33481-0001 PSD 001 A1

MATERIAL NUMBER CUSTOMER SHEET NUMBER

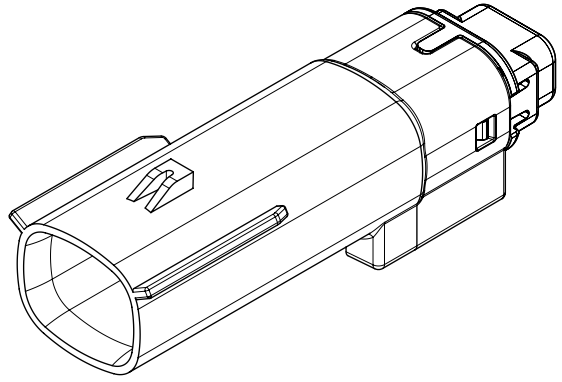
SEE NOTE 2a. GENERAL MARKET 1 OF 9

DOCUMENT STATUS	P1	RELEASE DATE	2018/10/04	15:02:02
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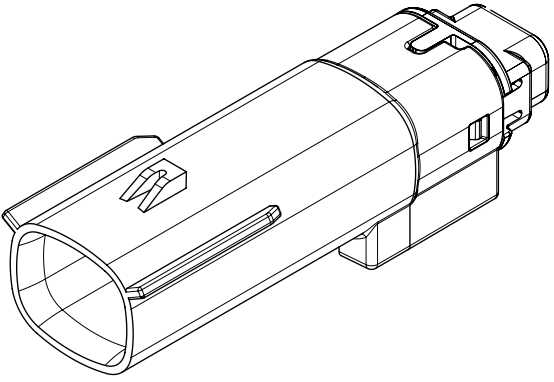
SHEET DESCRIPTION
CONFIGURATIONS



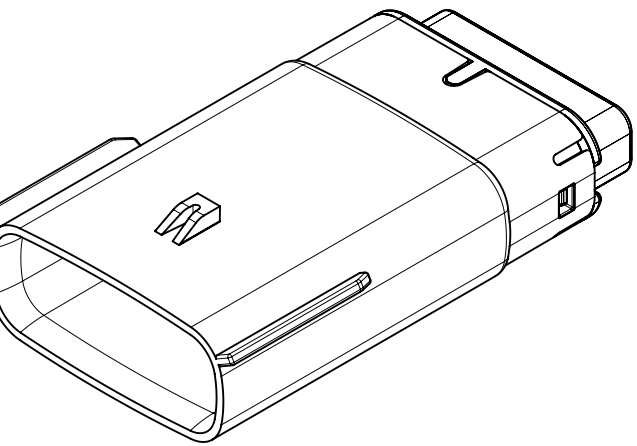
UL V0 UNIQUE FEATURE
Partial1
SCALE 10:1



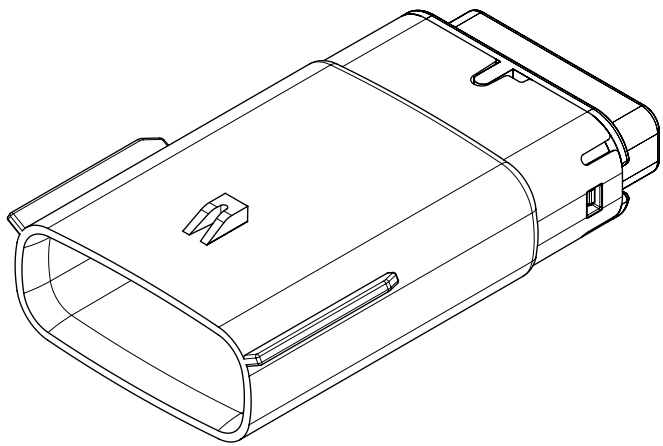
1x2 - STD



1X2 - UL V0*



1x6 - STD



1x6 - UL V0*

* MINOR GEOMETRY DIFFERENCE THAN STANDARD CONFIGURATION.
SEE NOTES 1 & 2 FOR MORE INFORMATION

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	= 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:					
		MM ONLY		1.5:1							
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	= 0	ANGULAR TOL ± 1.0 °									
	= 0	4 PLACES		±							
	= 0	3 PLACES		±							
	= 0	2 PLACES		± 0.1							
	= 0	1 PLACE		± 0.2		PRODUCT CUSTOMER DRAWING					
	= 0	0 PLACES		±							
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
	= 0					THIRD ANGLE PROJECTION		DRAWING		SERIES	
								A1-SIZE		33481	
						MATERIAL NUMBER			CUSTOMER		
						SEE NOTE 2a.			GENERAL MARKET		
										SHEET NUMBER	
										2 OF 9	

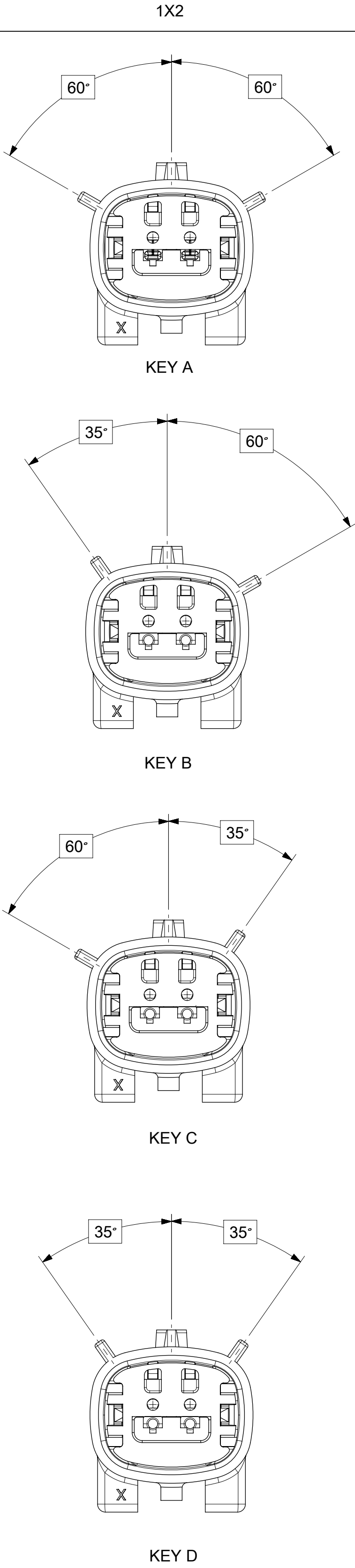
molex

MX150 BLADE
SINGLE ROW SEALED ASSY MAT SEAL

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-33481-0001	PSD	001	A1

DOCUMENT STATUS	P1	RELEASE DATE	2018/10/04	15:02:02
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SHEET DESCRIPTION
KEY CONFIGURATIONS



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
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= 0	ANGULAR TOL	± 1.0 °
= 0	4 PLACES	±
= 0	3 PLACES	±
= 0	2 PLACES	± 0.1
= 0	1 PLACE	± 0.2
= 0	0 PLACES	±
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
= 0	THIRD ANGLE PROJECTION	DRAWING
		A1-SIZE
	SERIES	33481
	MATERIAL NUMBER	SEE NOTE 2a.
	CUSTOMER	GENERAL MARKET
	SHEET NUMBER	3 OF 9

CURRENT REV DESC:			
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CHK'D: MVANSLAMBROU	2018/10/04		
APPR: MVANSLAMBROU	2018/10/04		
INITIAL REVISION:			
DRWN: APROFFITT	2015/07/21		
APPR: KDEKOSKI	2016/06/14		

PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-33481-0001	PSD	001	A1

DOCUMENT STATUS	P1	RELEASE DATE	2018/10/04 15:02:02
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molex

MX150 BLADE
SINGLE ROW SEALED ASSY MAT SEAL

SD-33481-0001

PSD

001

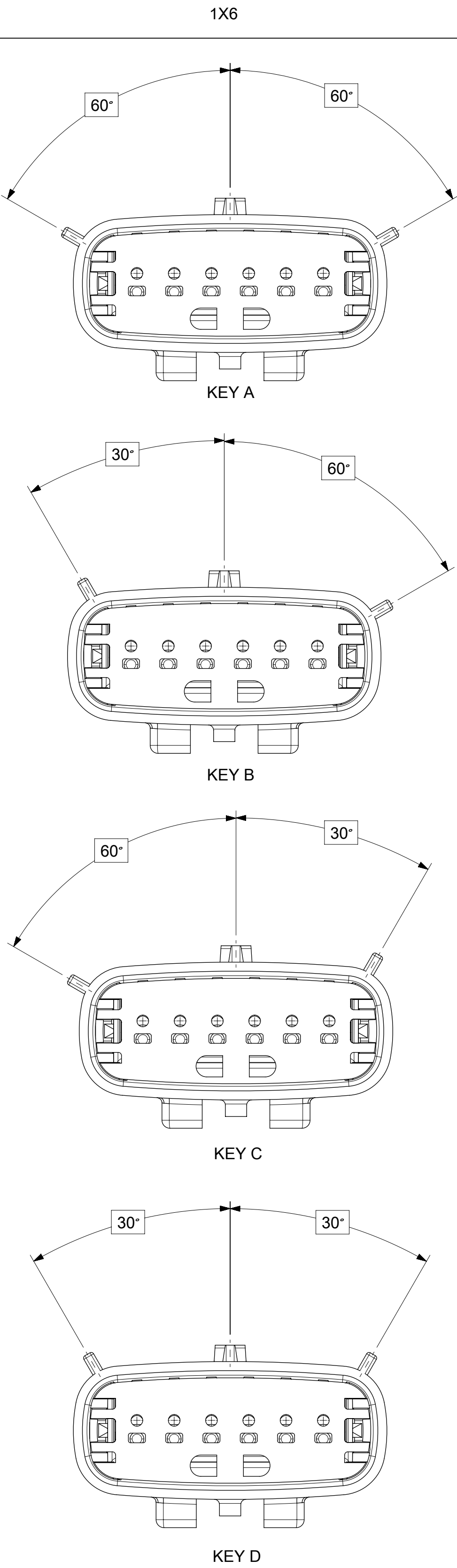
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SEE NOTE 2a.

GENERAL MARKET

3 OF 9

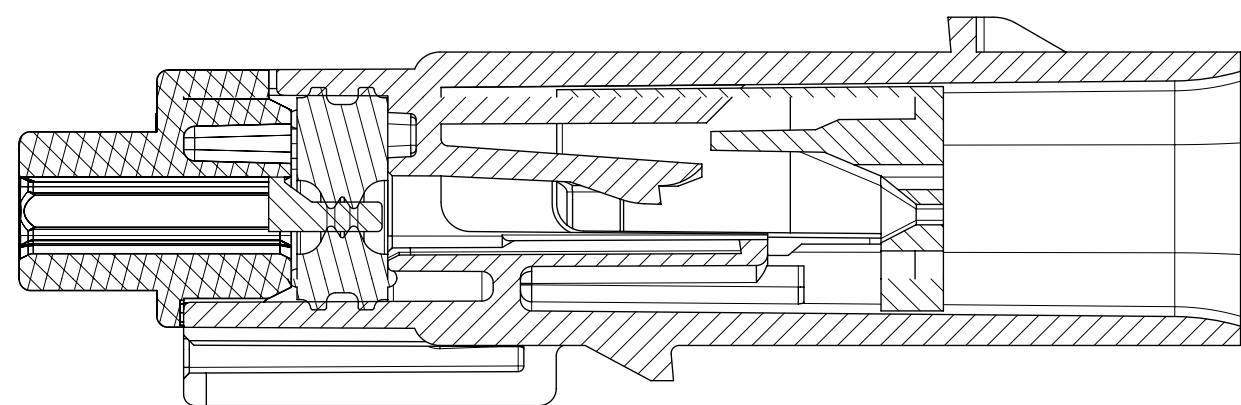
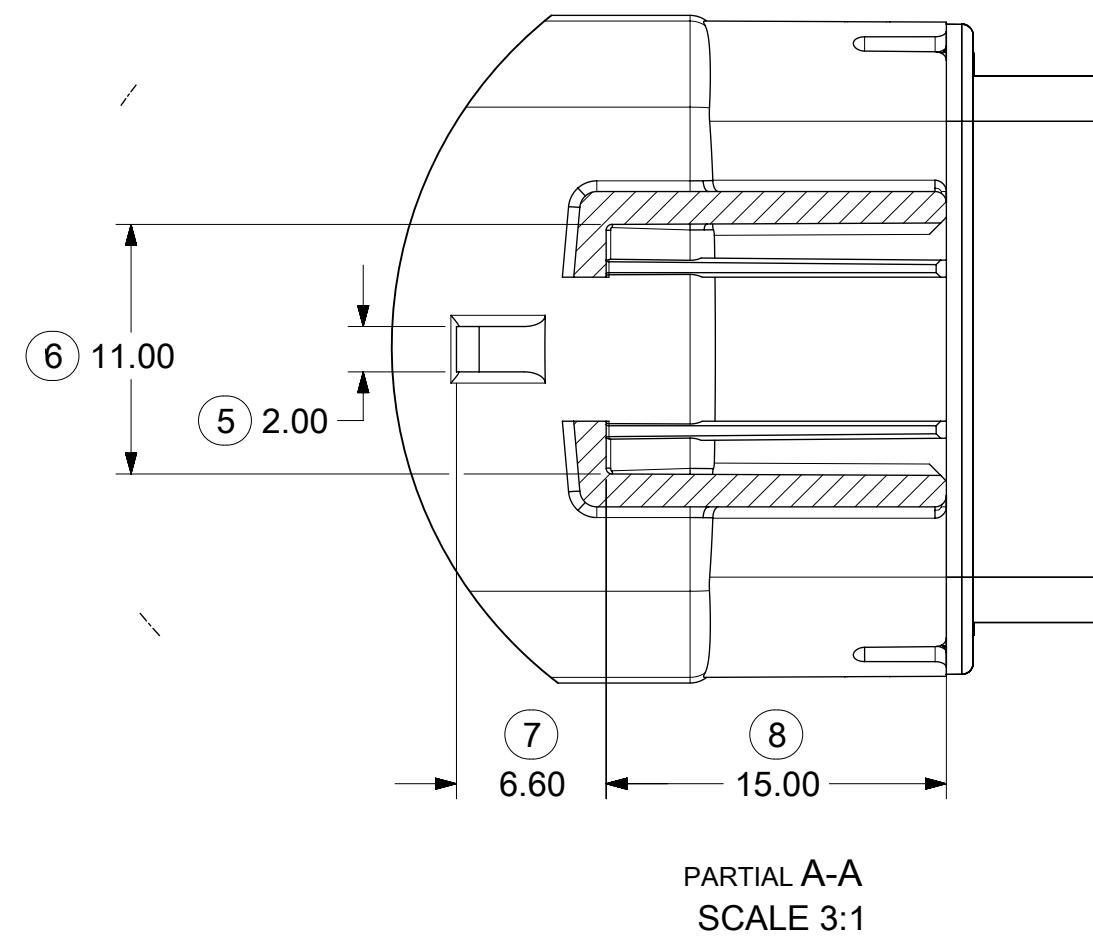
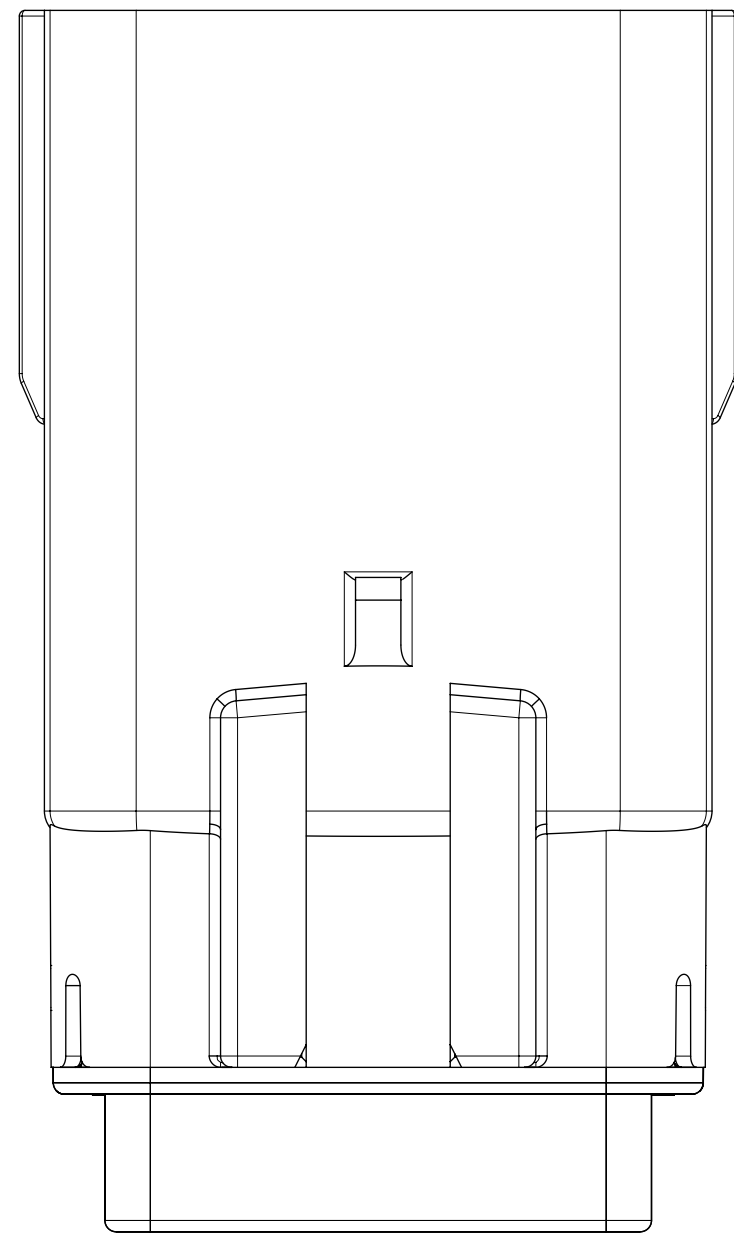
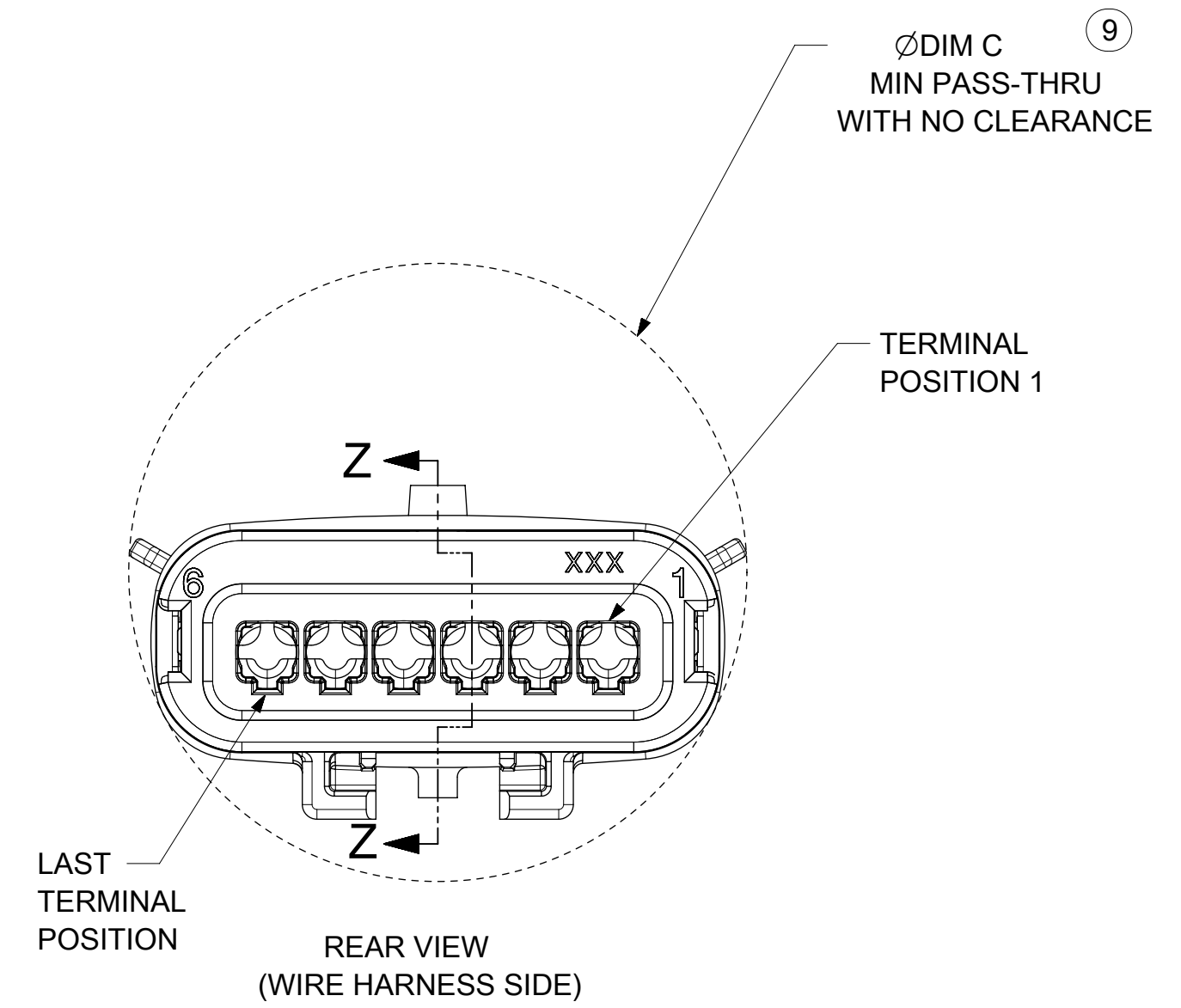
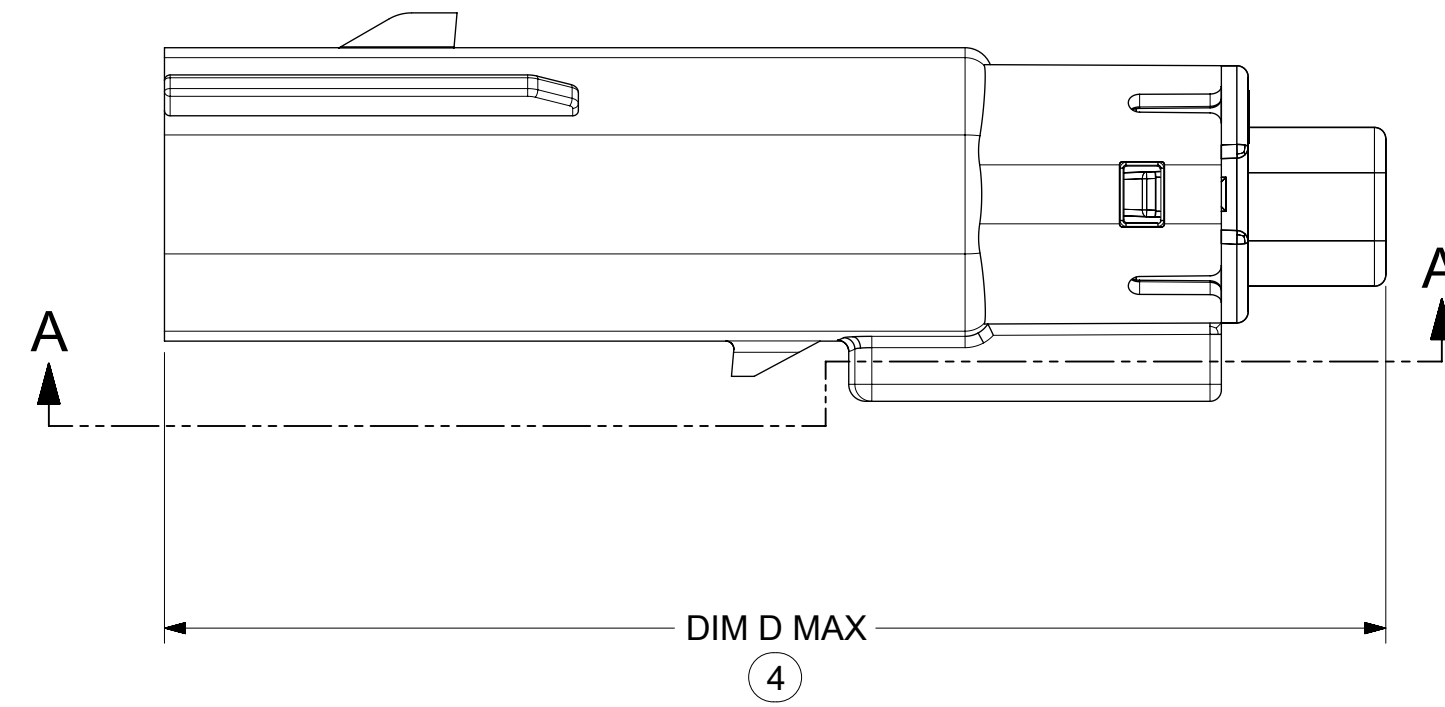
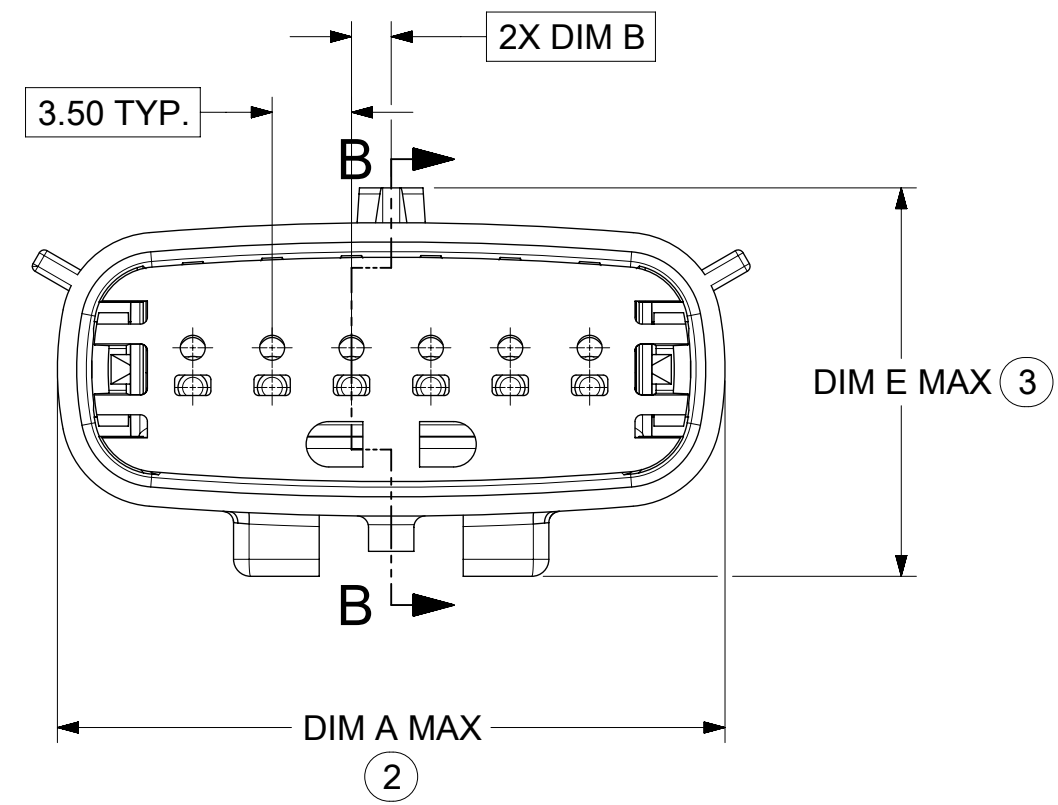
SHEET DESCRIPTION
KEY CONFIGURATIONS CONT.



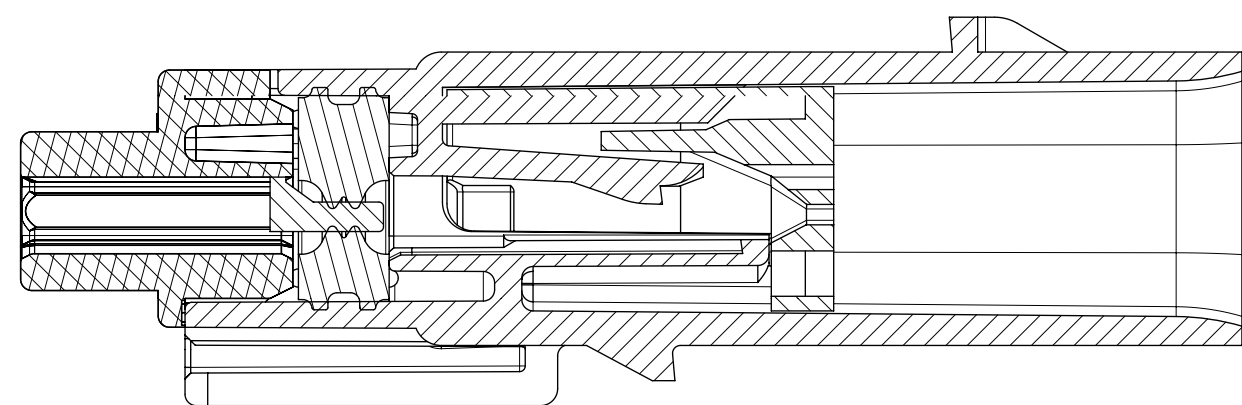
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DIMENSION UNITS		SCALE	CURRENT REV DESC:									
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	= 0	3 PLACES ±										
	= 0	2 PLACES ± 0.1	THIRD ANGLE PROJECTION 									
	= 0	1 PLACE ± 0.2										
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			SERIES 33481									
			MATERIAL NUMBER SEE NOTE 2a.									
			CUSTOMER GENERAL MARKET									
			DOCUMENT NUMBER SD-33481-0001									
			DOC TYPE PSD									
			DOC PART 001									
			REVISION A1									

BLADE SEALED ASSEMBLY

CHARTED DIMENSIONS					
DESCRIPTION	DIMENSIONS				
	A	B	C	D	E
1X2	N/A	1.75	21.00	55.50	17.30
1X6	29.69	1.75	31.71	54.45	17.23



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN PRE-STAGED POSITION
SECTION B-B



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL-LOCK POSITION

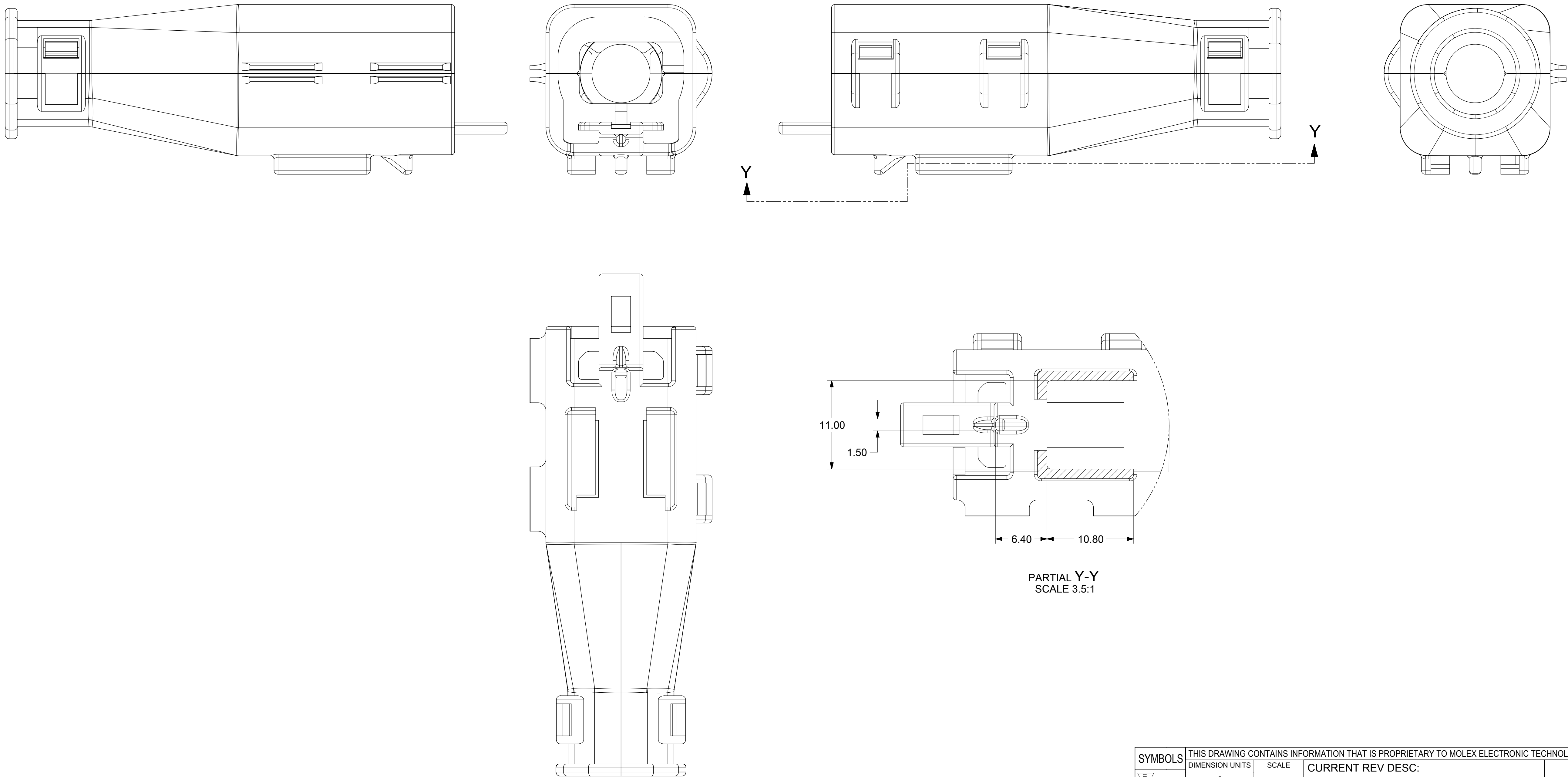
SECTION Z-Z

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:				molex									
MM ONLY		3:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)								MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL									
ANGULAR TOL ± 1.0 °																	
	= 0			EC NO: 602373 DRWN: DSHETTY01 2018/05/25 CHK'D: MVANSLAMBROU 2018/10/04 APPR: MVANSLAMBROU 2018/10/04				PRODUCT CUSTOMER DRAWING									
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	= 0	4 PLACES ±		INITIAL REVISION: DRWN: APROFFITT 2015/07/21 APPR: KDEKOSKI 2016/06/14				DOCUMENT NUMBER SD-33481-0001		DOC TYPE PSD		DOC PART 001		REVISION A1			
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DOCUMENT STATUS	P1	RELEASE DATE	2018/10/04	15:02:02
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SHEET DESCRIPTION

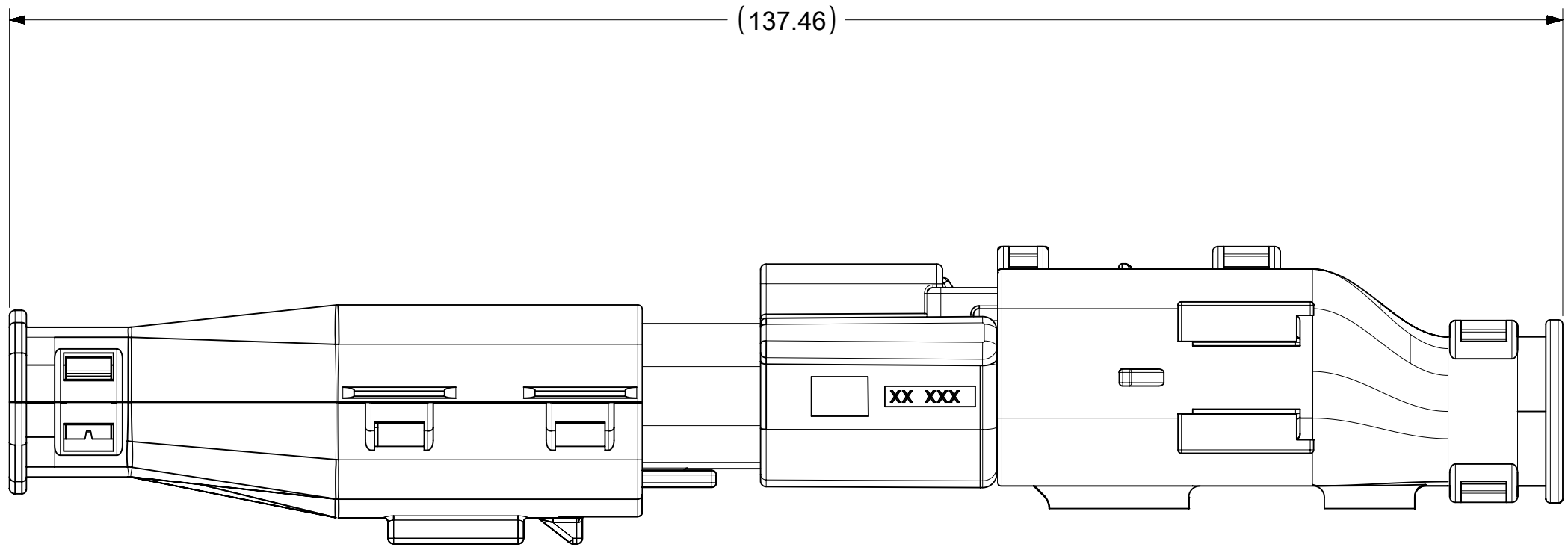
BACKSHELL



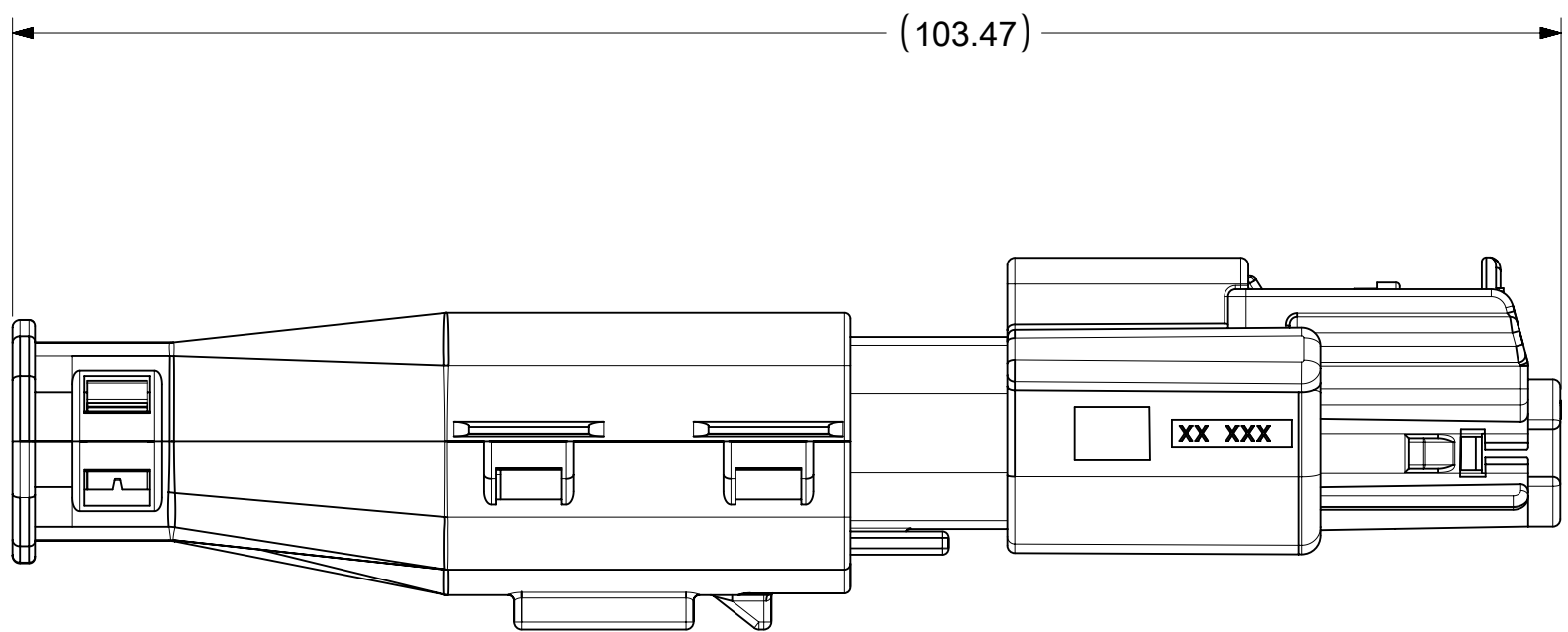
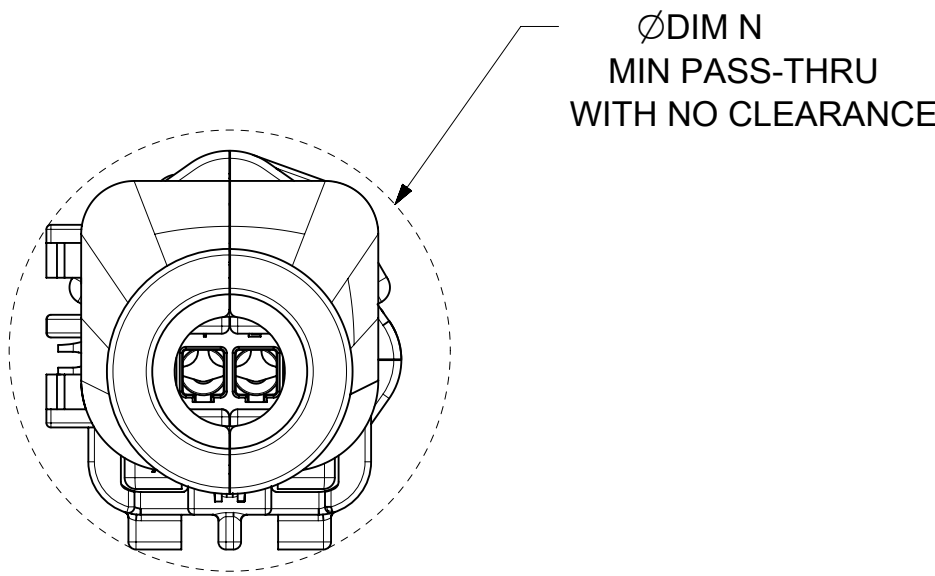
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	= 0	MM ONLY		3.5:1														
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	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																
	= 0					THIRD ANGLE PROJECTION		DRAWING		SERIES		SEE NOTE 2a.		GENERAL MARKET		8 OF 9		
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DOCUMENT STATUS	P1	RELEASE DATE	2018/10/04 15:02:02
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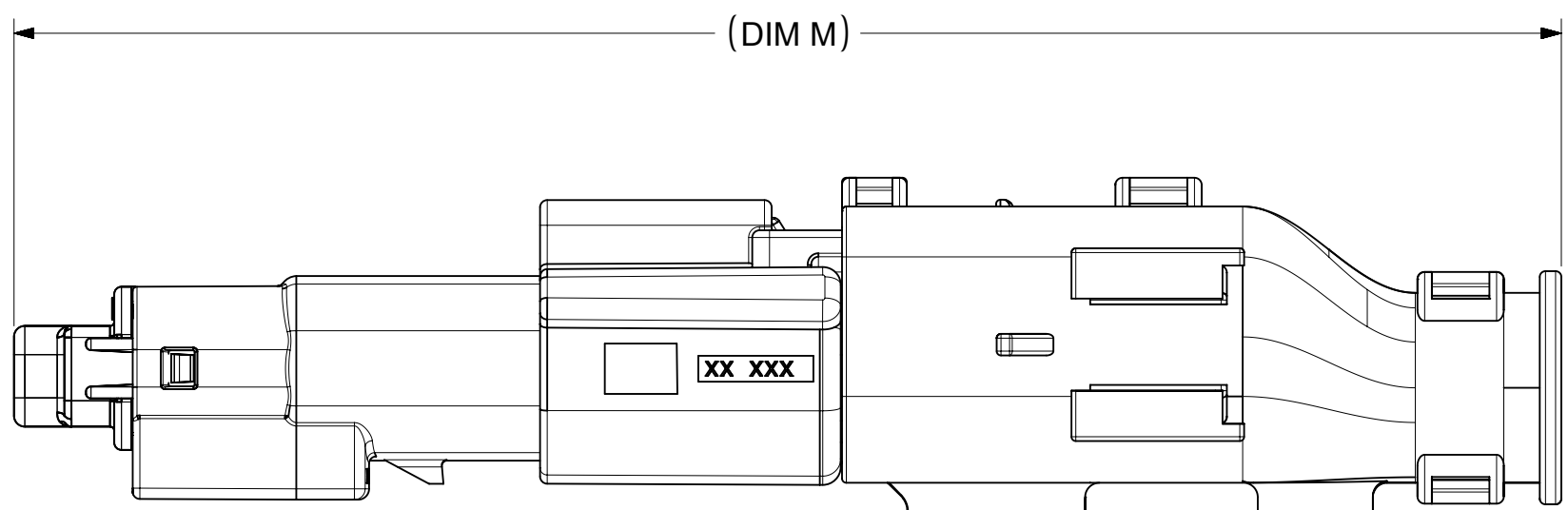
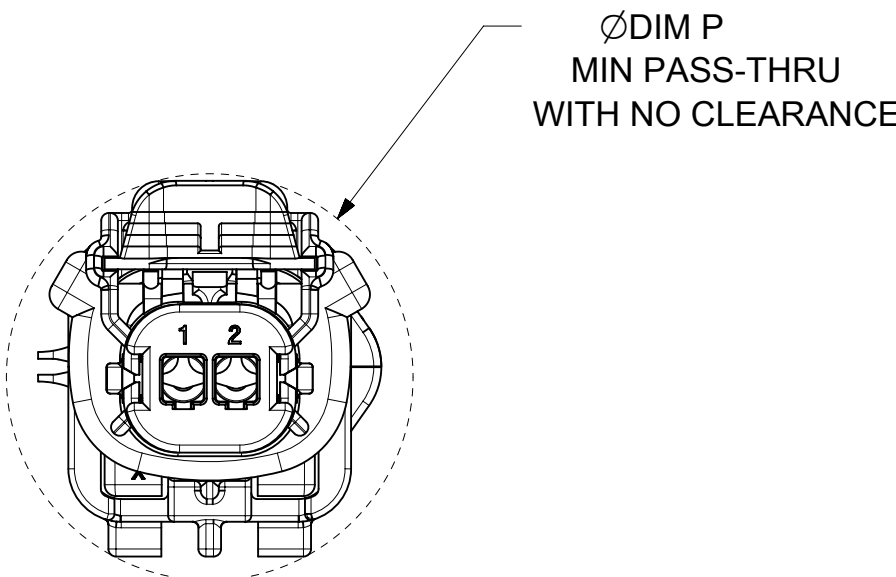
CHARTED DIMENSIONS							
CKT	BLADE CONFIGURATION	RECEPTACLE CONFIGURATION	DIMENSIONS				
			M	N	P	R	S
1X2	STANDARD	STANDARD	107.84	29.50	27.00	26.25	25.00



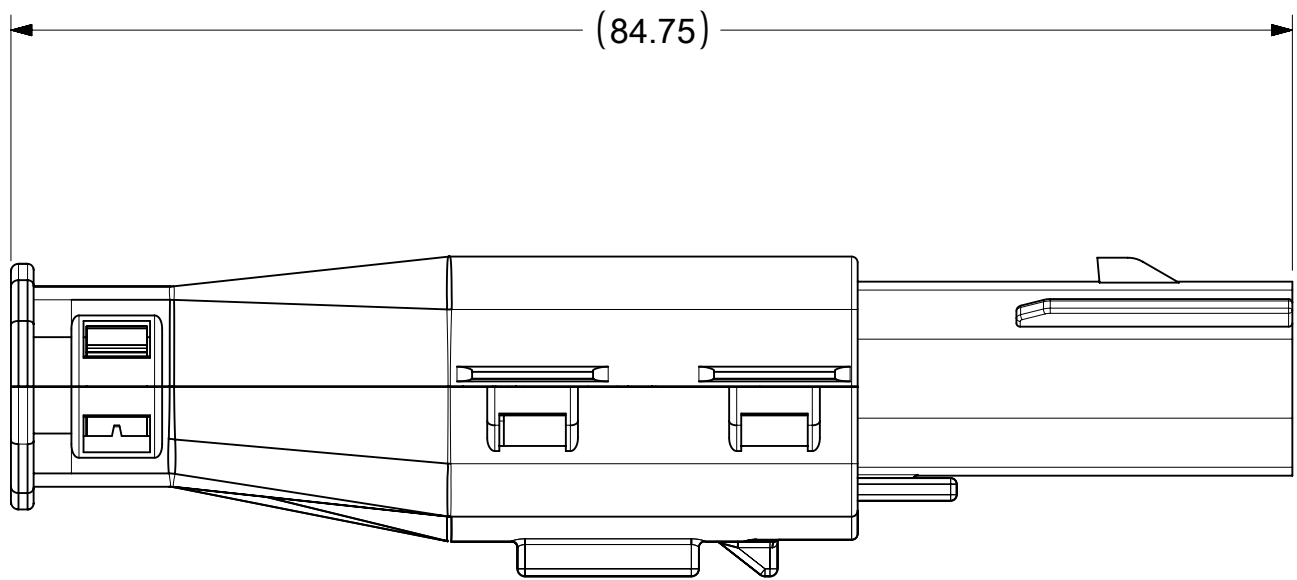
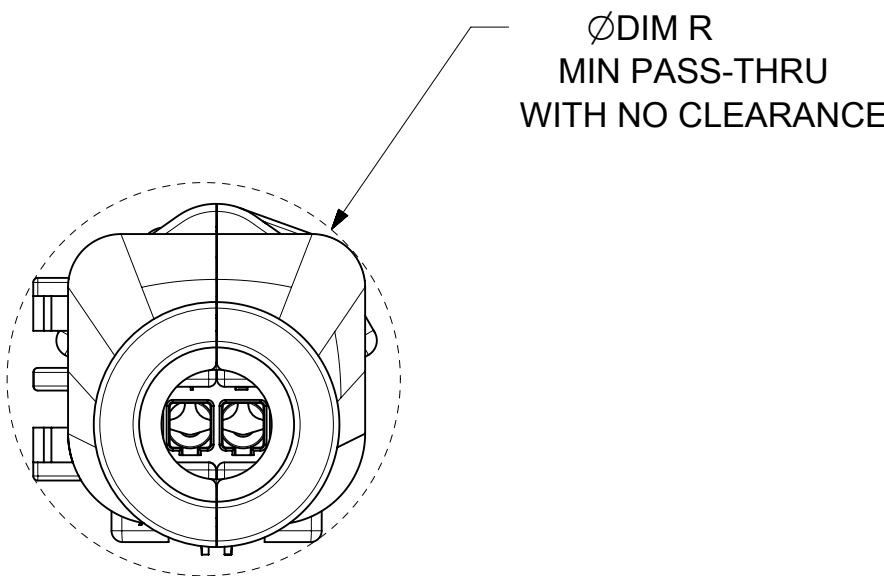
OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL



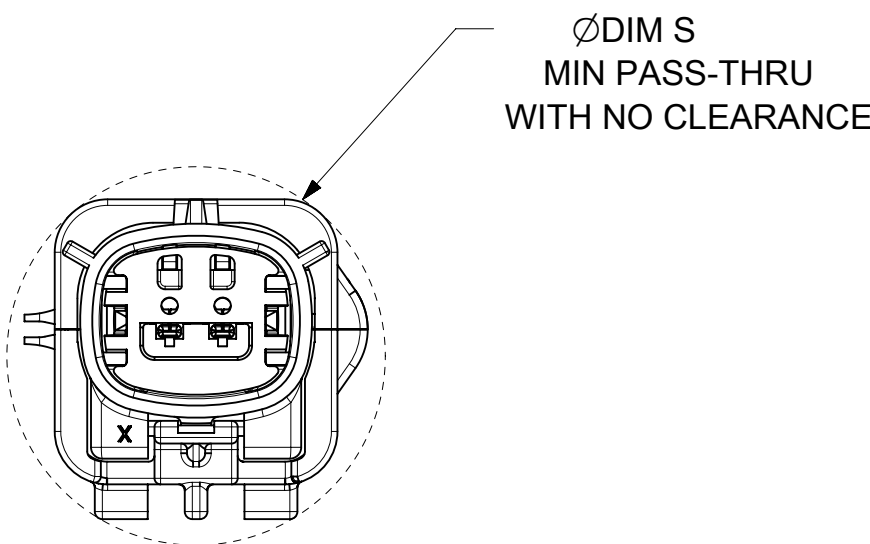
OVERALL MATED SYSTEM WITH BLADE BACKSHELL



OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL

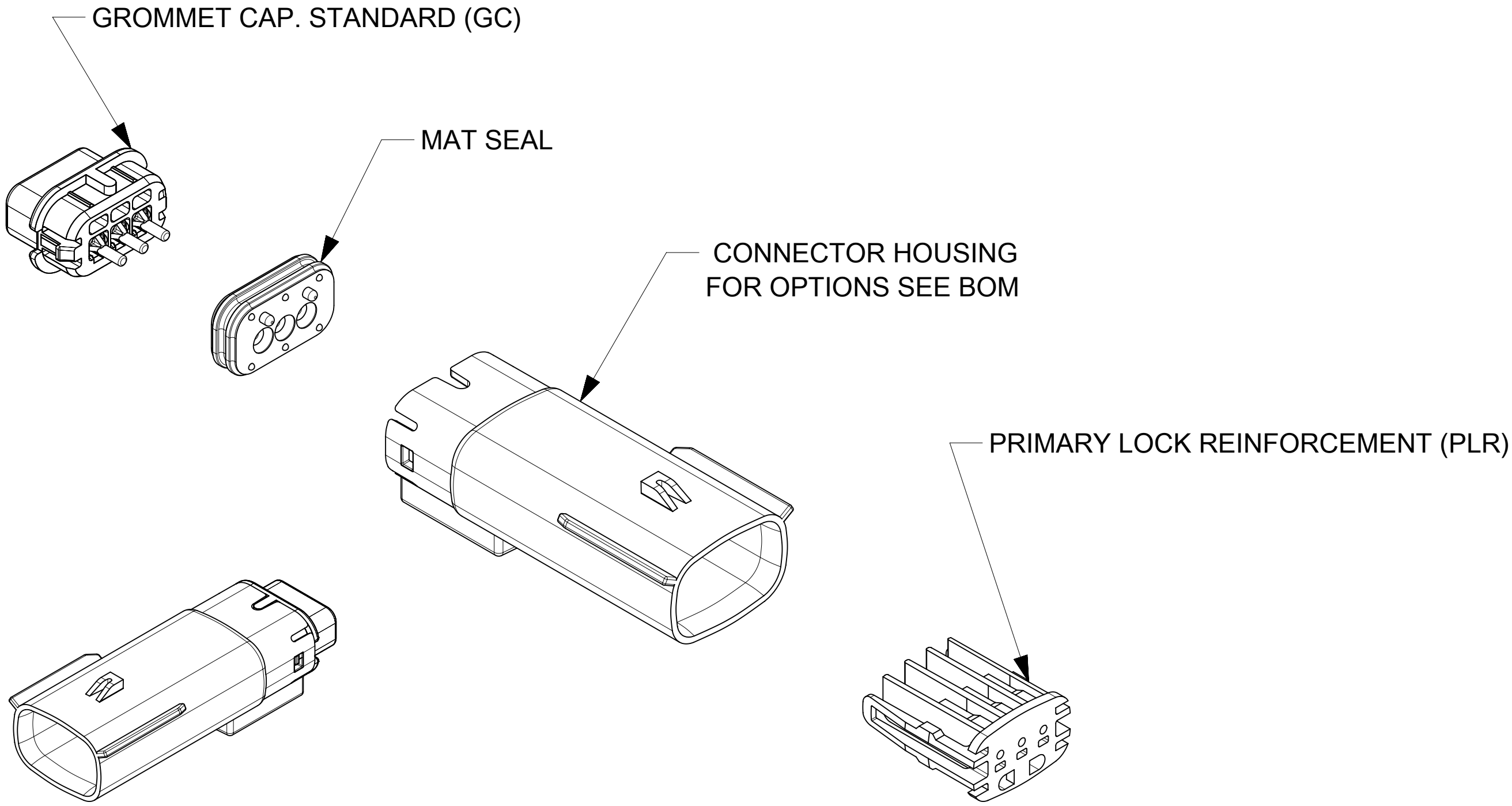


BLADE SEALED ASSEMBLY WITH BLADE BACKSHELL

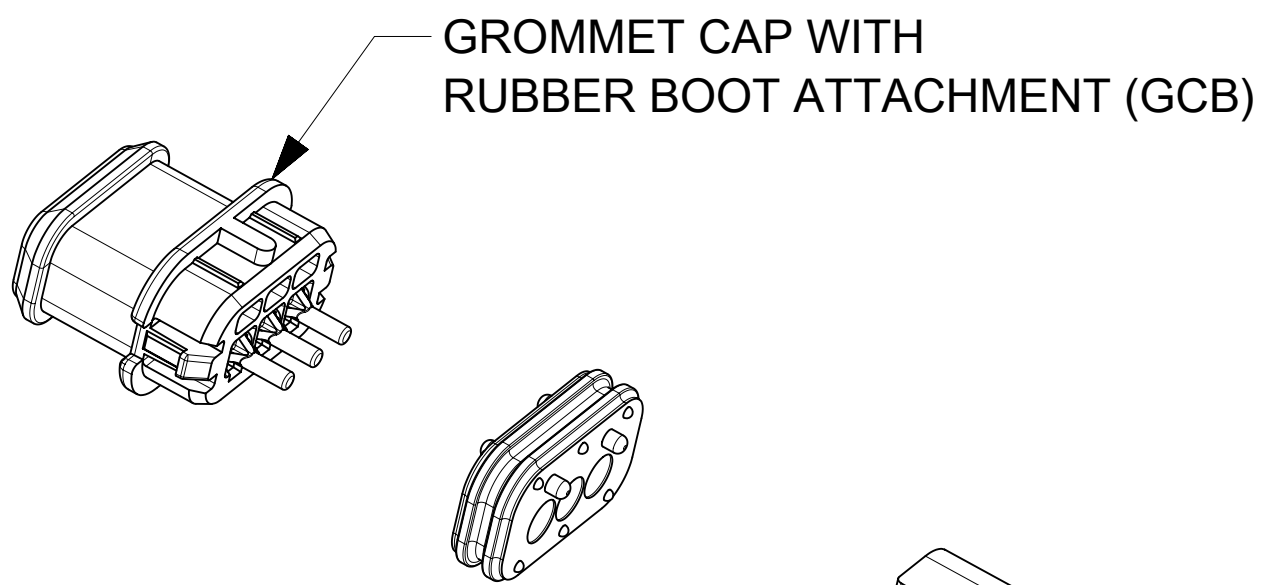


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	= 0	MM ONLY		2:1											
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)													
	= 0	ANGULAR TOL ± 1.0 °		EC NO: 602373 DRWN: DSHETTY01 2018/05/25 CHK'D: MVANSLAMBROU 2018/10/04 APPR: MVANSLAMBROU 2018/10/04					MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL						
	= 0	4 PLACES ±													
	= 0	3 PLACES ±						PRODUCT CUSTOMER DRAWING							
	= 0	2 PLACES ± 0.1													
	= 0	1 PLACE ± 0.2		INITIAL REVISION: DRWN: APROFFITT 2015/07/21 APPR: KDEKOSKI 2016/06/14				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
	= 0	0 PLACES ±						SD-33481-0001		PSD	001	A1			
	= 0	DRAFT WHERE APPLICABLE		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				
	= 0	MUST REMAIN WITHIN DIMENSIONS			A1-SIZE	33481	SEE NOTE 2a.		GENERAL MARKET		9 OF 9				

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	KEY CONFIGURATIONS
3	BLADE SEALED ASSEMBLY
4	SYSTEM PACKAGING
5	RUBBER BOOT CONFIGURATION
6	BOM
7	RUBBER BOOT INTERFACE



MX150 1X3 BLADE SEALED ASSEMBLY - STANDARD (STD)



MX150 1X3 BLADE SEALED ASSEMBLY - RUBBER BOOT CONFIGURATION
UNLESS COMPONENT NOTED, SEE STANDARD ASSEMBLY

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-33472-100
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
- DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33471-031.
- FOR 1.5mm BLADE TERMINALS TO BE USED WITH THIS ASSEMBLY SEE MOLEX DRAWING SD-33000-001.
- SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
- ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION
- IN THE EVENT THAT THE PLR IS FOUND IN THE SEATED (FINAL LOCK) POSITION, REFER TO MOLEX SPECIFICATION PS-34646-001, AVAILABLE AT www.molex.com <<http://www.molex.com>>
- ASSEMBLY CONFORMS TO SAE/USCAR-2 REV.4 WITH THE FOLLOWING EXCEPTIONS: TERMINAL INSERTION FORCE FOR WIRE DIAMETER ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 45 NEWTONS.
- b. PRODUCT SPECIFICATION SEE: PS-33471-000
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31300-635
- 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. CONNECTOR HOUSING, GROMMET CAP, PLR: SPS/NYLON BLEND 20% GLASS FILLED
- b. MAT SEAL: INHERENTLY LUBRICATED SILICONE

3. DESIGN - GEOMETRY:
- a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
- c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
- f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
- g. LASER MARKING: TBD

INSPECTION NUMBER LOG
LAST NUMBER USED: 21
ADDED:
REMOVED:

R5	ADDED STATUS COLUMN
R4	ADD P/NS 33481-3301 TO 33481-3341
R3	DEVIATED THE DIM 16
R2	RELEASED P/N 33481-0341
R1	RELEASED P/N 33481-0340, DELETED P/N 33481-0331
R	ADD RUBBER BOOT CONFIGURATION
Q	UPDATE P/N 33481-0326 TO 33481-0330
P	ADD NEW P/N 33481-0326
N	UPDATED GROMMET CAP
M3	UPDATED DIMENSIONS TO MATCH MODEL
M2	COLOR REPLACEMENT FOR KEY C AND D PER USCAR STANDARD
M1	UPDATED NOTES
M	REDRAWN
REV	DESCRIPTION

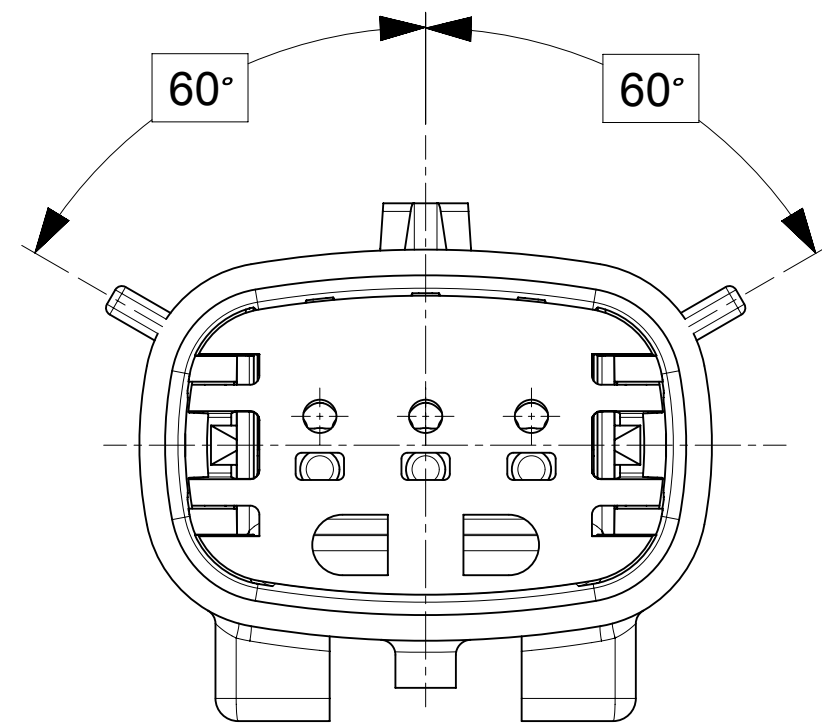
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mm		3:1										
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		MM	INCH									
4 PLACES	±		±									
3 PLACES	±		±									
2 PLACES	±	0.1	±									
1 PLACE	±	0.3	±	INITIAL REVISION: DRWN: DMARCOUX 06-12-02 APPR: FHOLUB 06-12-02				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
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ANGULAR TOL ± 3.0 °												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						D-SIZE	33481	SEE BOM		GENERAL MARKET		1 OF 7

molex

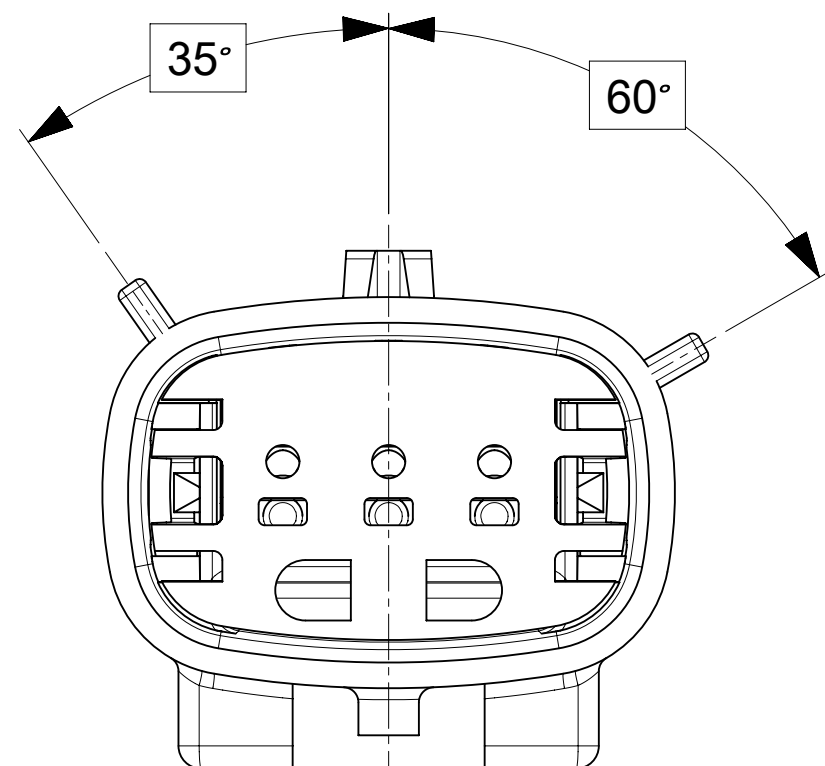
MX150 1X3 BLADE
SEALED ASSEMBLY MAT SEAL

PRODUCT CUSTOMER DRAWING

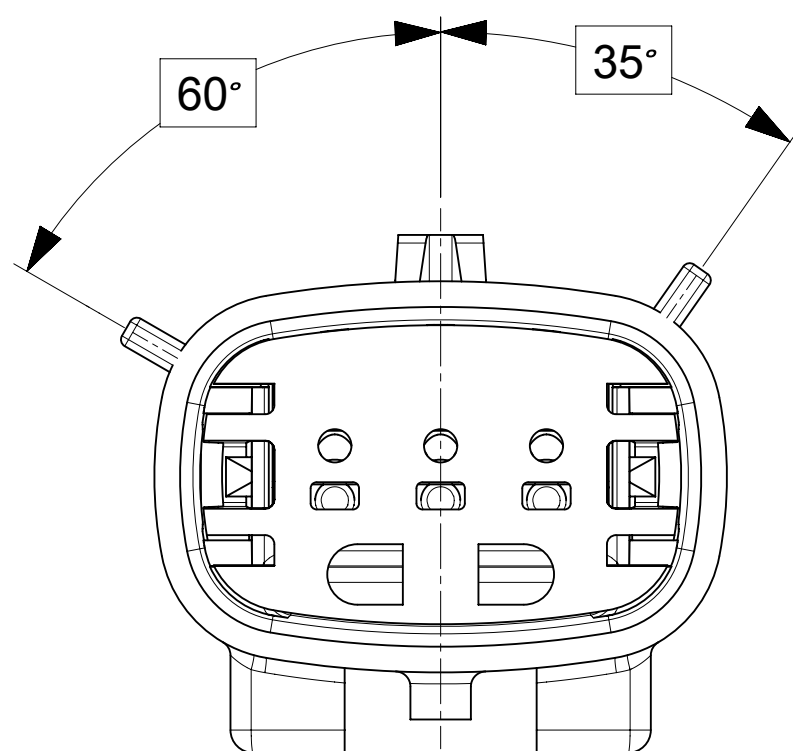
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SD-33481-031	PSD	001	R5



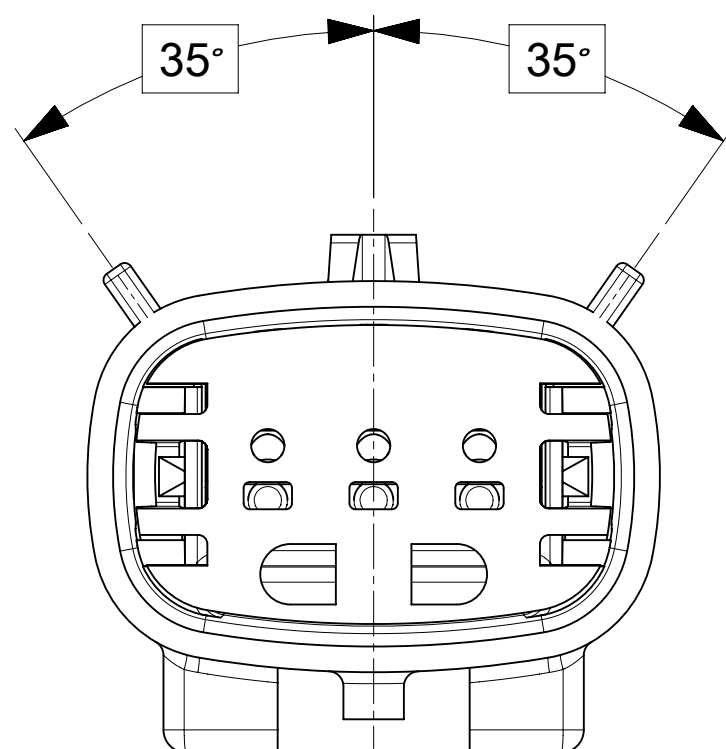
KEY A



KEY B

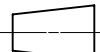


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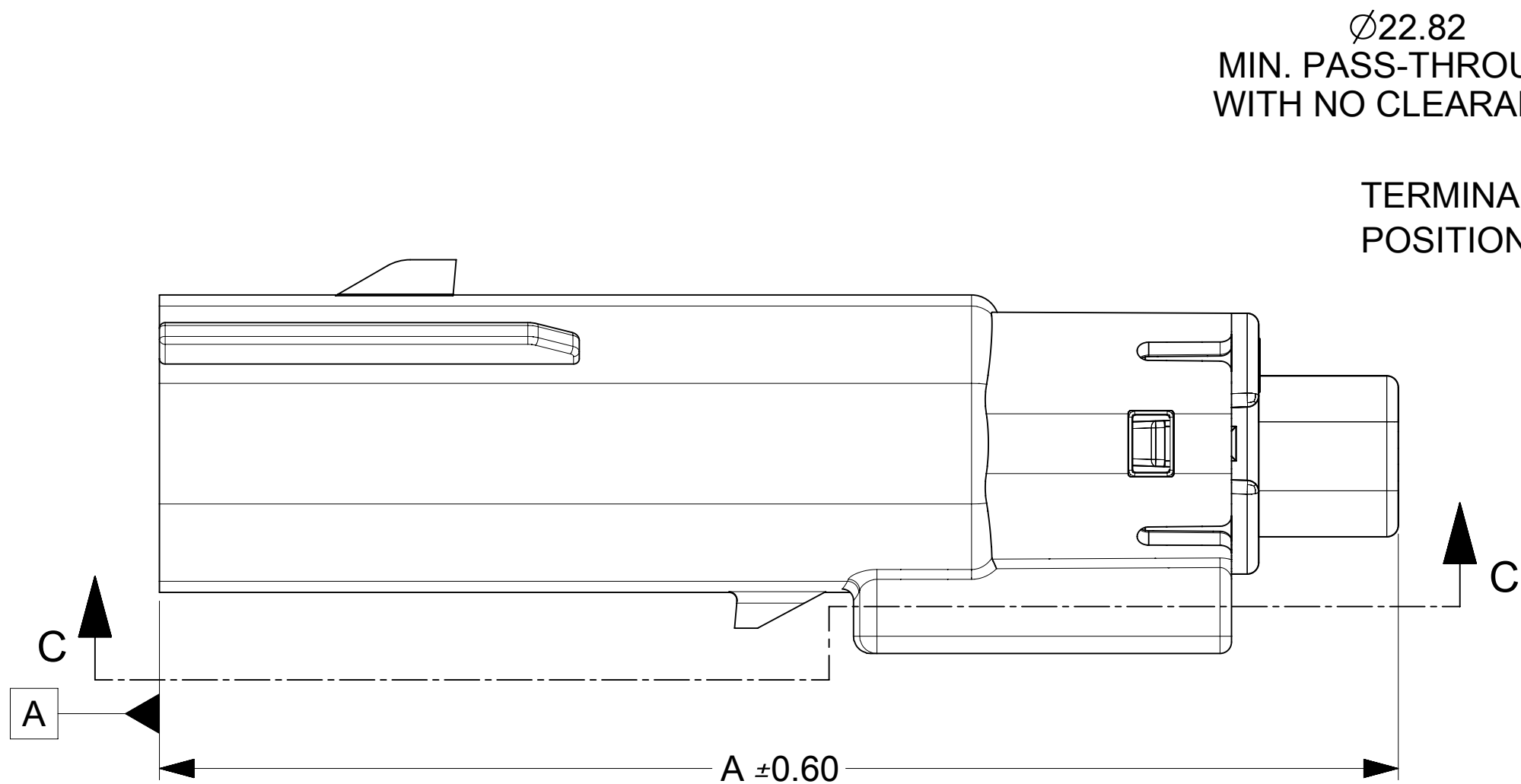
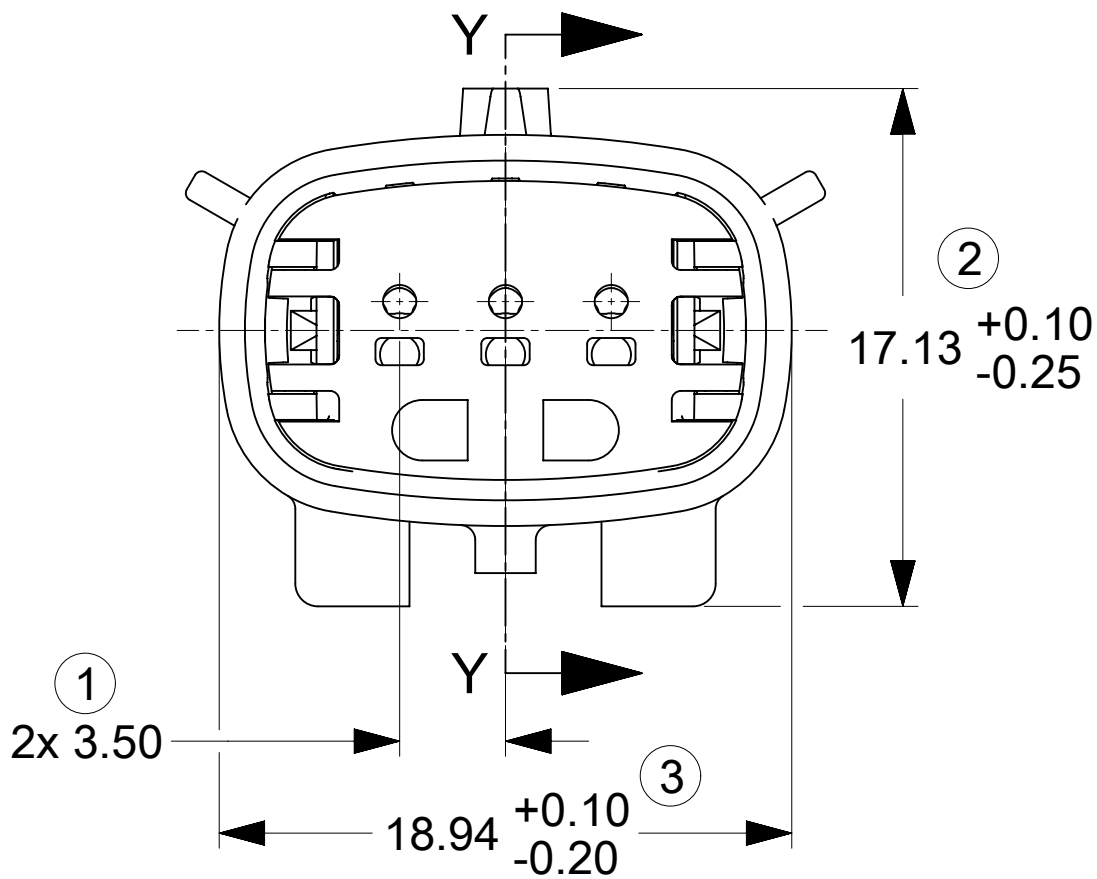
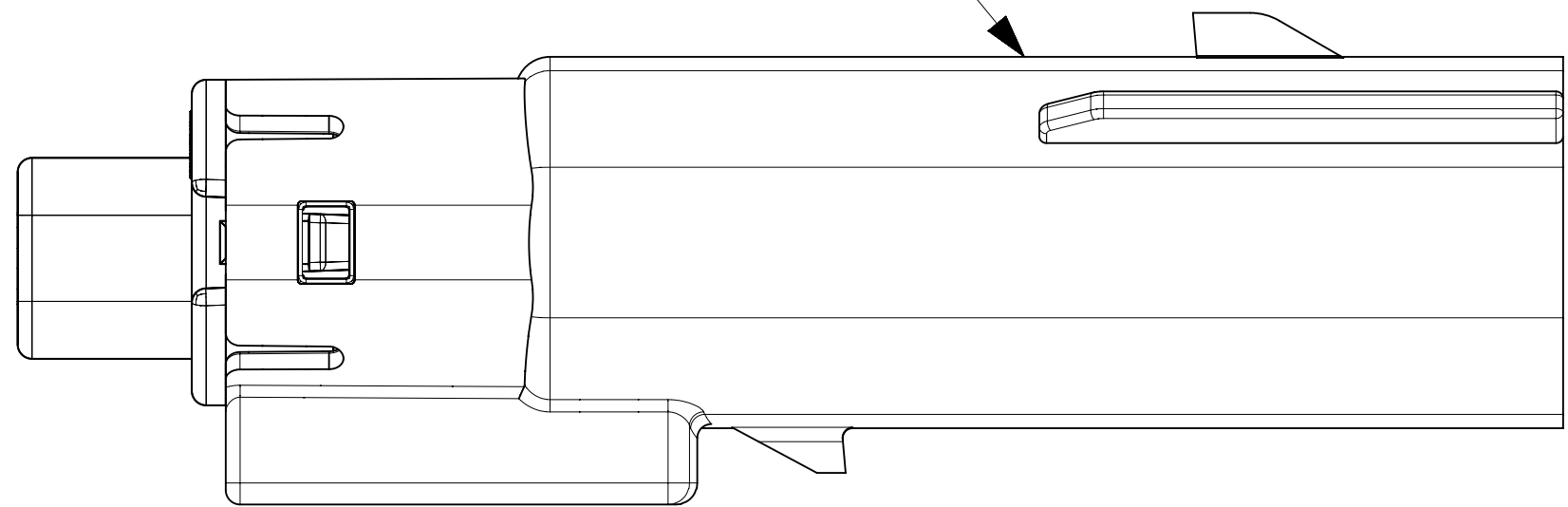


KEY D

KEY CONFIGURATION

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
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	MM	INCH							
4 PLACES	±		±						
3 PLACES	±		±						
2 PLACES	±	0.1	±						
1 PLACE	±	0.3	±						
0 PLACES	±		±						
ANGULAR TOL ± 3.0 °				INITIAL REVISION: DRWN: DMARCOUX06-12-02 APPR: FHOLUB06-12-02			PRODUCT CUSTOMER DRAWING		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							DOCUMENT NUMBER		DOC TYPE
				SD-33481-031		PSD	001	R5	
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
				D-SIZE33481		SEE BOM		GENERAL MARKET	2 OF 7

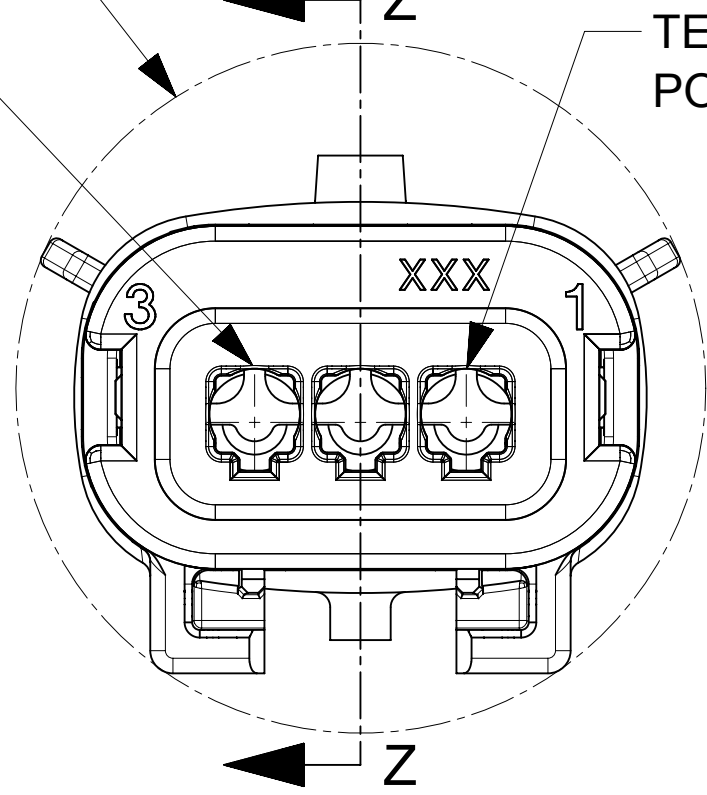
LASER MARKING THIS SURFACE
SEE NOTE 3g.



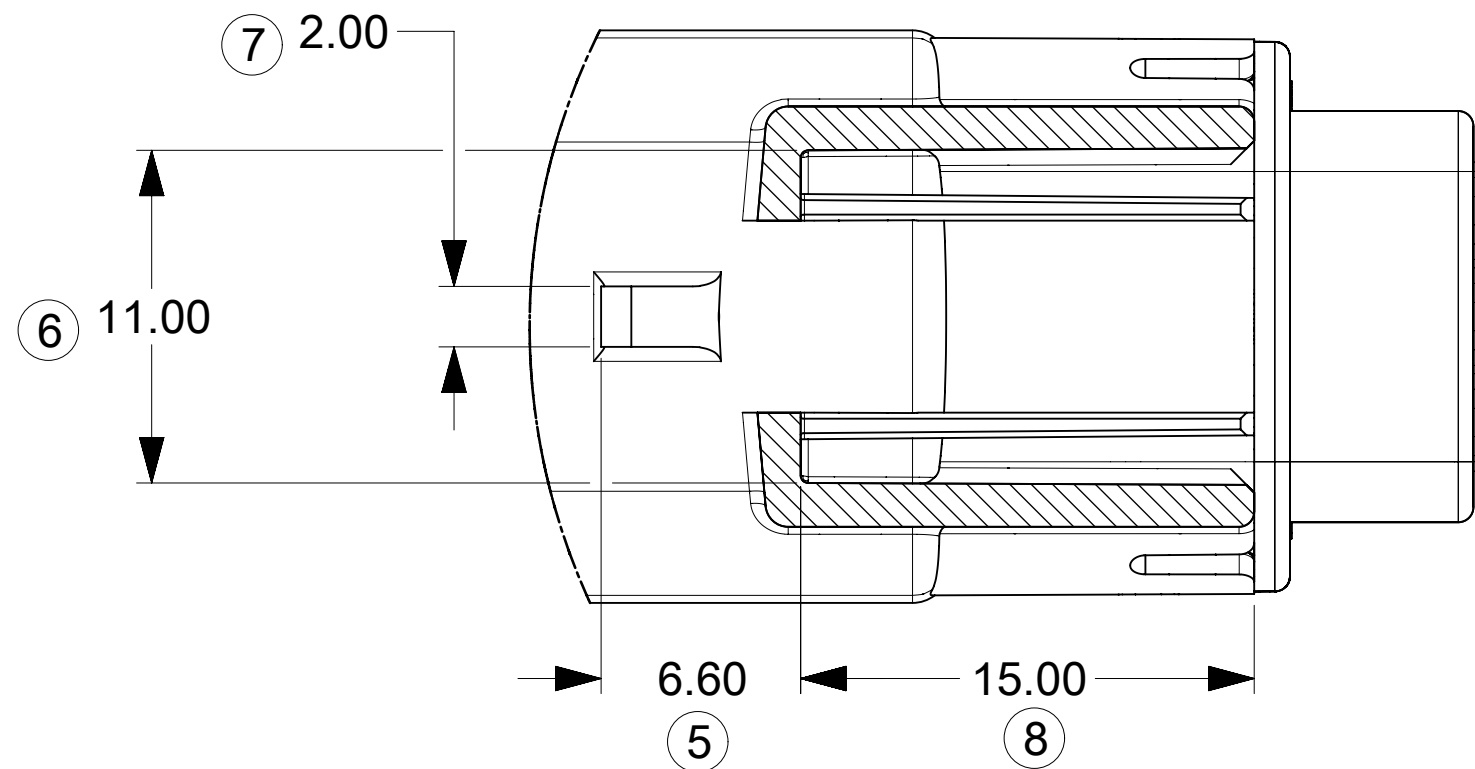
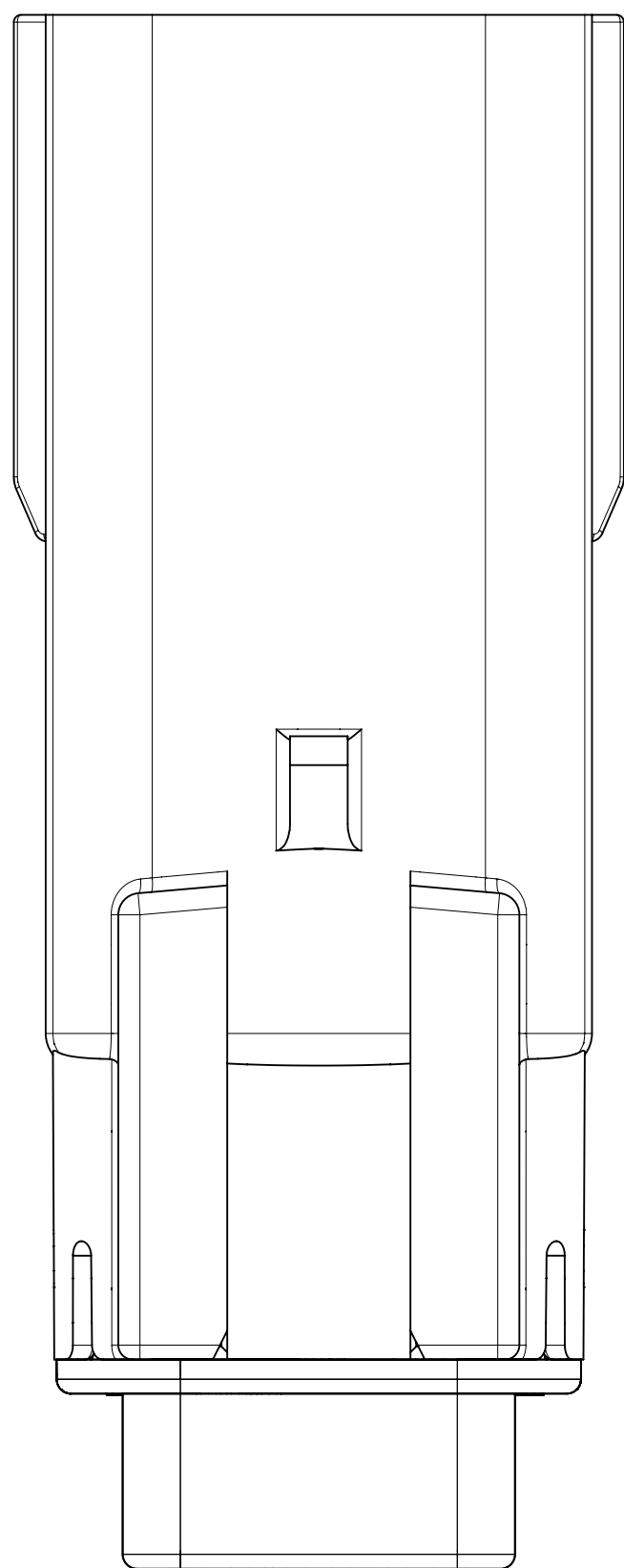
$\varnothing 22.82$
MIN. PASS-THROUGH
WITH NO CLEARANCE

TERMINAL
POSITION 3

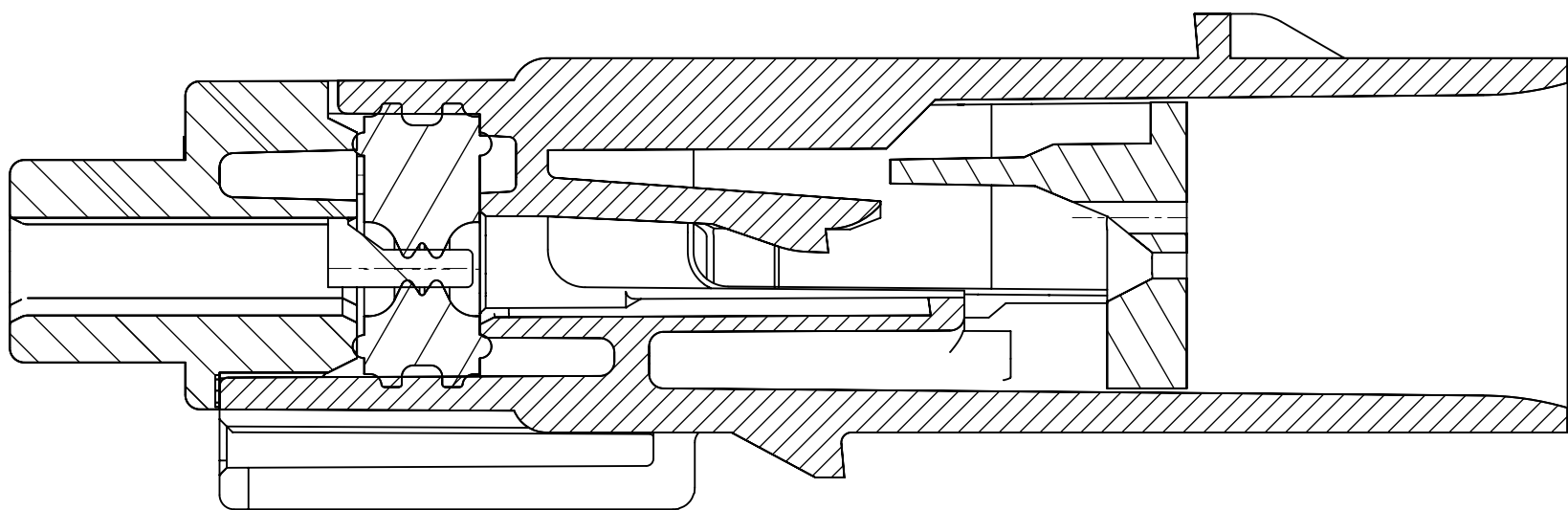
TERMINAL
POSITION 1



REAR VIEW
(WIRE HARNESS SIDE)

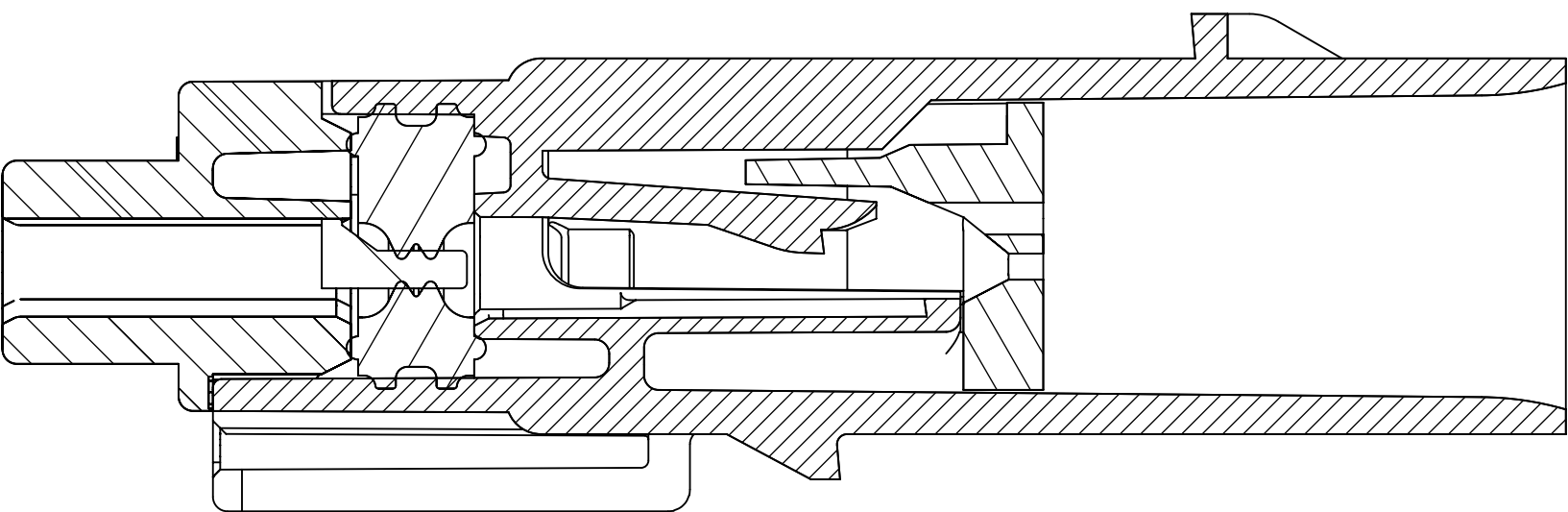


SECTION C-C



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN PRE-STAGED POSITION

SECTION Z-Z



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL-LOCK POSITION

SECTION Y-Y

CHARTED DIMENSIONS	
CONFIGURATION	A
MX150 1X3 BLADE SEALED ASSEMBLY - STANDARD	53.85
MX150 1X3 BLADE SEALED ASSEMBLY - RIBBER BOOT CONFIGURATION	57.85

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 REVISION TABLE					molex								
mm		4:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)									EC NO: 645317 DRWN: MKP 2020/08/10 CHK'D: MJMITCHELL 2020/09/21 APPR: MJMITCHELL 2020/09/21				MX150 1X3 BLADE SEALED ASSEMBLY MAT SEAL				
		MM	INCH														
4 PLACES		±		±		PRODUCT CUSTOMER DRAWING											
3 PLACES		±		±													
2 PLACES		±	0.1	±													
1 PLACE		±	0.3	±													
0 PLACES		±		±		DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION					
						SD-33481-031				PSD	001	R5					
ANGULAR TOL ± 3.0 °				INITIAL REVISION:		DRWN: DMARCOUX 06-12-02		APPR: FHOLUB 06-12-02									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
								D-SIZE		33481		SEE BOM		GENERAL MARKET		3 OF 7	

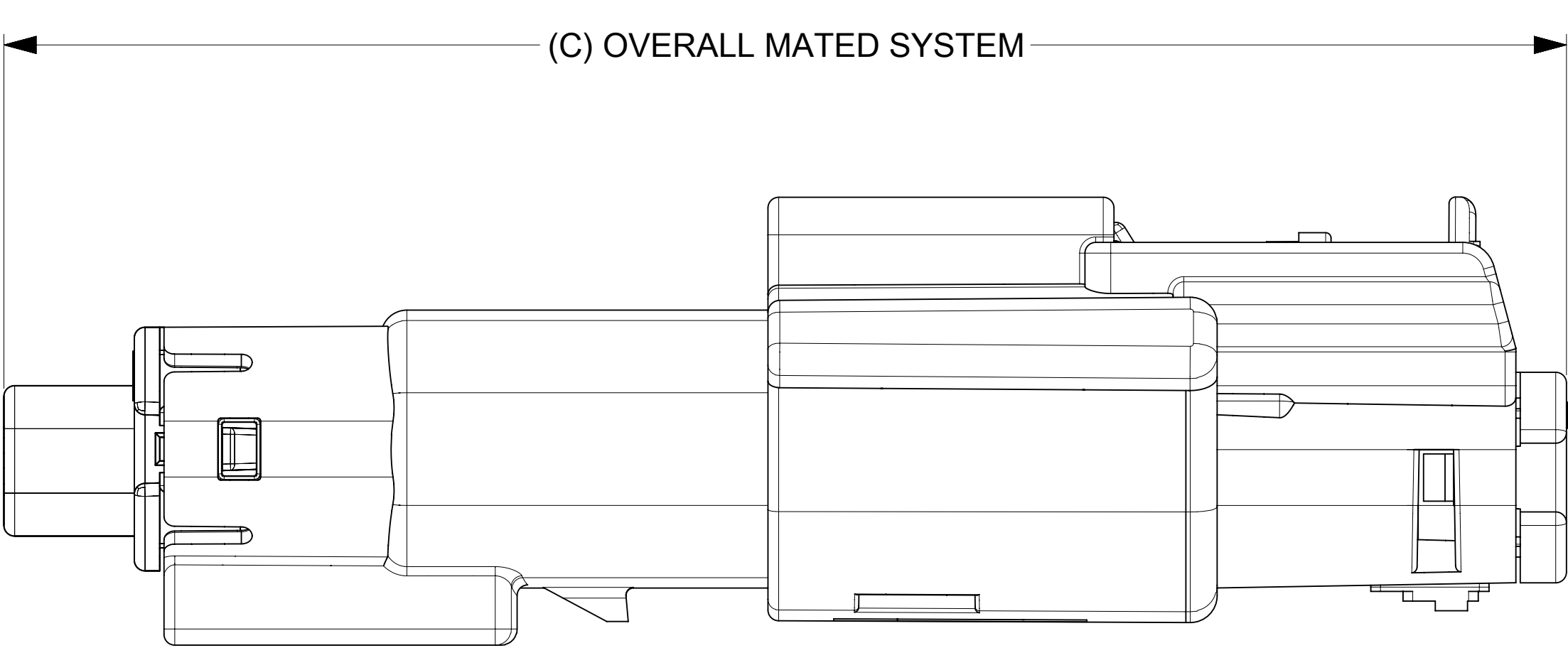
molex

MX150 1X3 BLADE
SEALED ASSEMBLY MAT SEAL

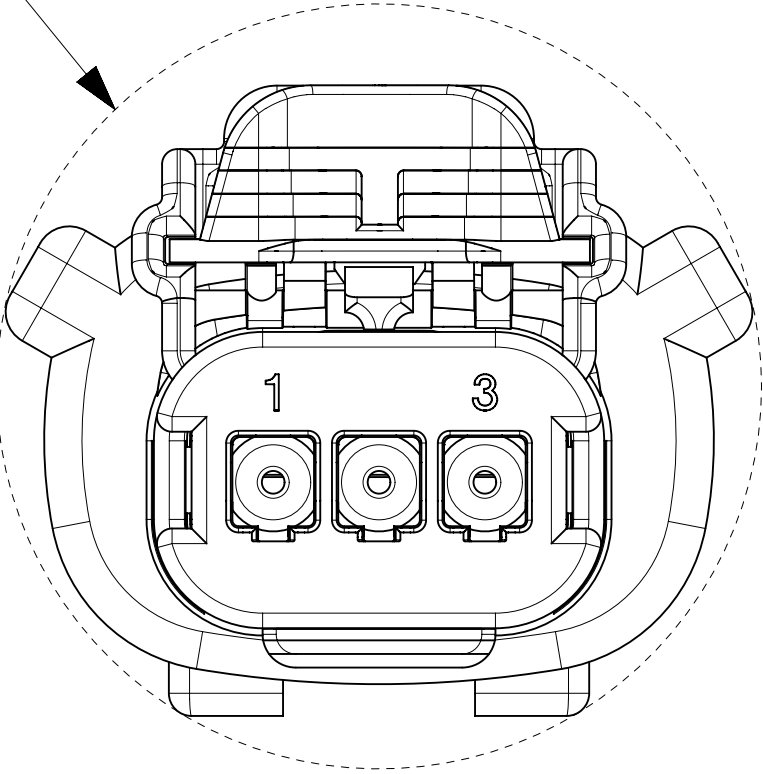
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-33481-031	PSD	001	R5

DOCUMENT STATUS	P1	RELEASE DATE	2020/09/21	14:03:57
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Ø25.30
MIN. PASS-THROUGH
WITH NO CLEARANCE



CHARTED DIMENSIONS	
CONFIGURATION	A
MX150 1X3 BLADE SEALED ASSEMBLY - STANDARD	53.85
MX150 1X3 BLADE SEALED ASSEMBLY - RIBBER BOOT CONFIGURATION	57.85

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

DIMENSION UNITS	SCALE	
mm	4:1	
GENERAL TOLERANCES (UNLESS SPECIFIED)		
	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.1	±
1 PLACE	± 0.3	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION 	DRAWING D-SIZE

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 645317
DRWN: MKP
CHK'D: MJMITCHELL
APPR: MJMITCHELL

2020/08/10
2020/09/21
2020/09/21

INITIAL REVISION:
DRWN: DMARCOUX
APPR: FHOLUB

06-12-02
06-12-02

molex

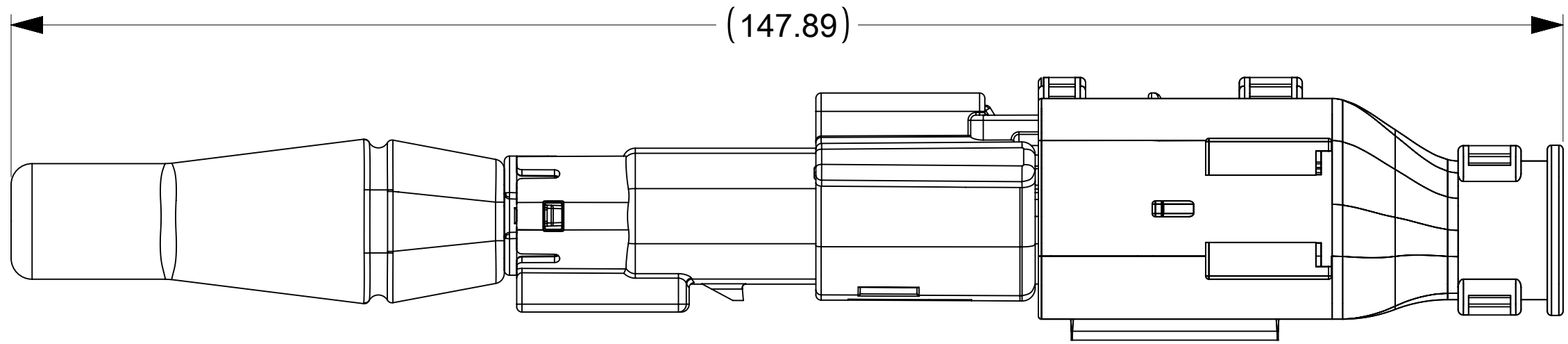
MX150 1X3 BLADE
SEALED ASSEMBLY MAT SEAL

PRODUCT CUSTOMER DRAWING

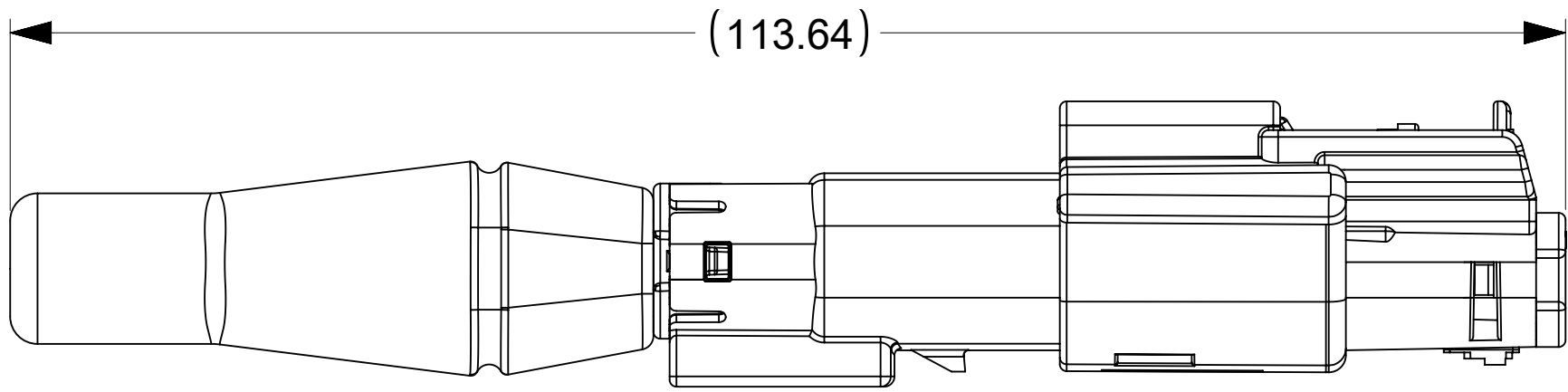
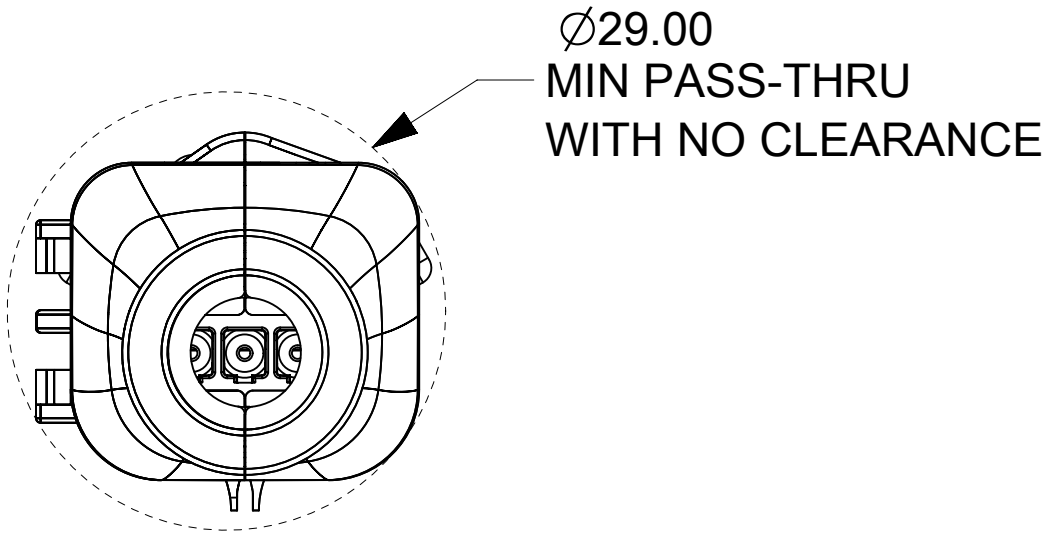
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SD-33481-031	PSD	001	R5
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
SEE BOM	GENERAL MARKET	4 OF 7	

DOCUMENT STATUS	P1	RELEASE DATE	2020/09/21	14:03:57
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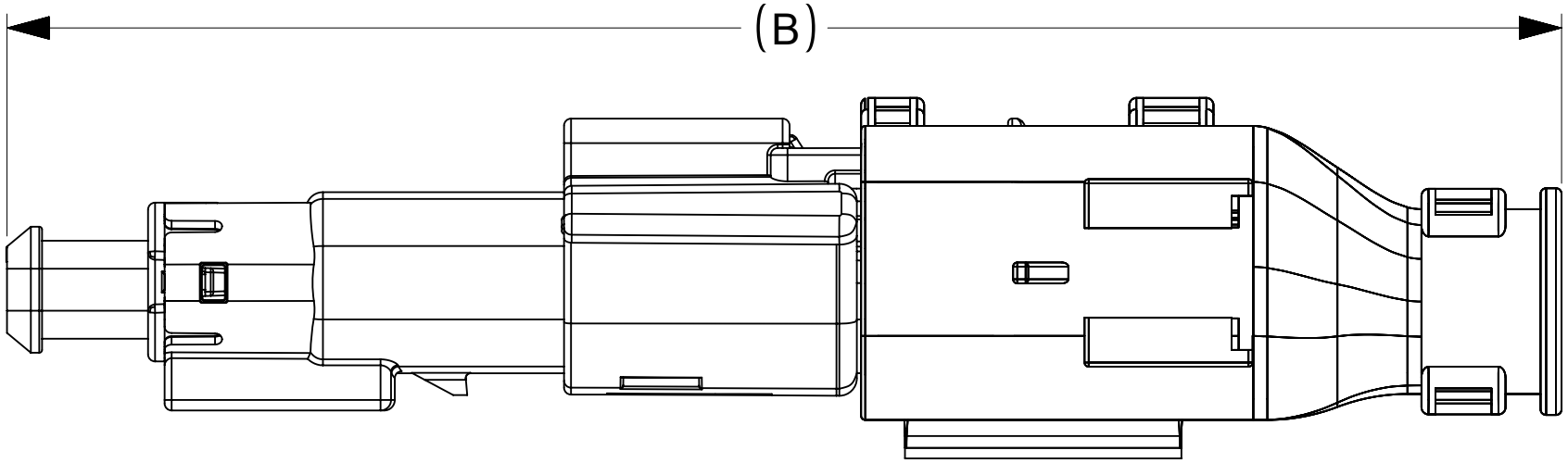
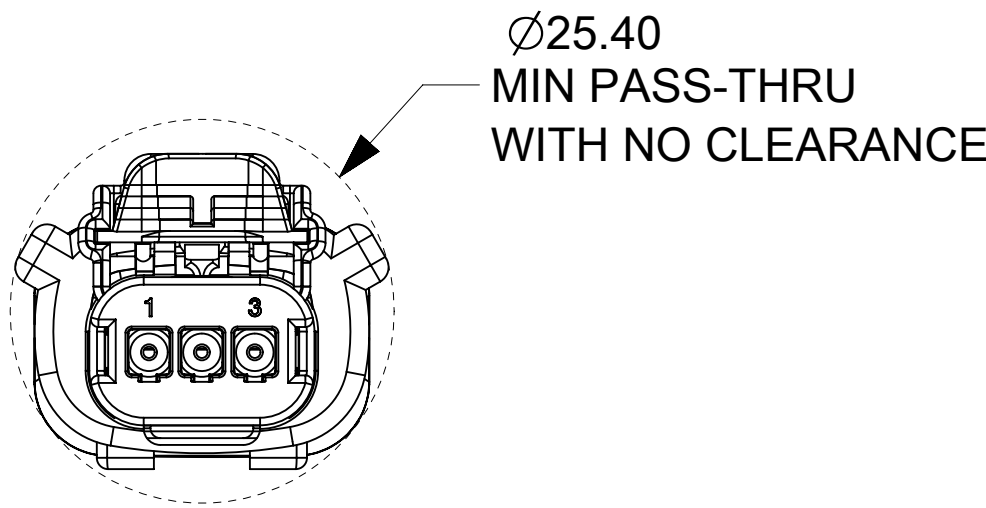
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OVERALL MATED SYSTEM WITH BLADE RUBBER BOOT AND RECEPTACLE BACKSHELL

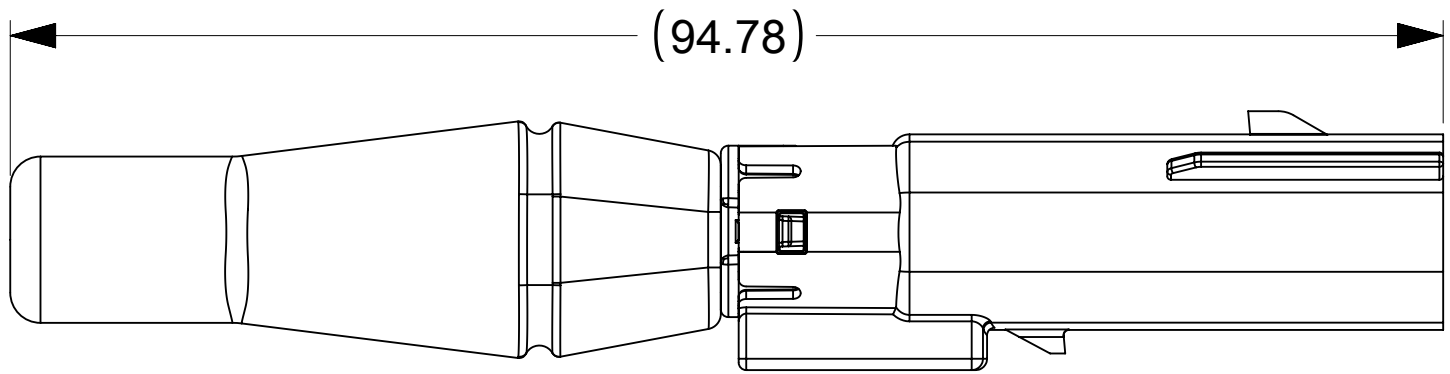
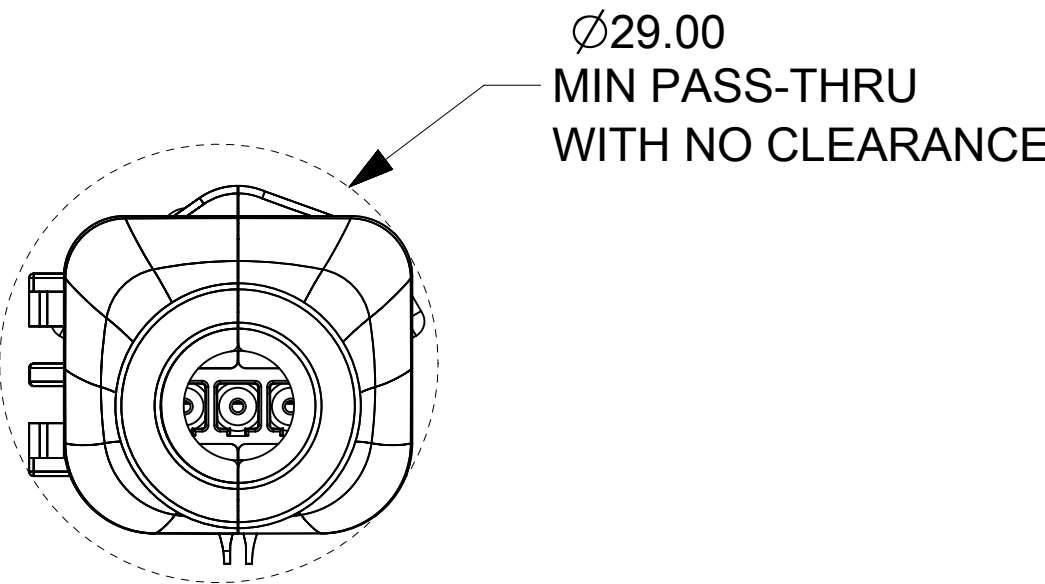


OVERALL MATED SYSTEM WITH BLADE RUBBER BOOT

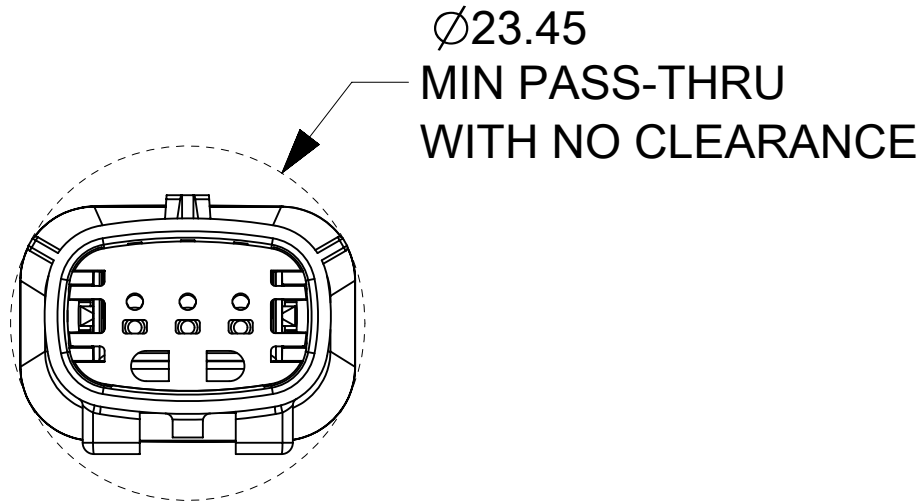


OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL

CHARTED DIMENSIONS	
CONFIGURATION	B
MX150 1X3 BLADE SEALED ASSEMBLY - STANDARD	106.96
MX150 1X3 BLADE SEALED ASSEMBLY - RIBBER BOOT CONFIGURATION	110.96



BLADE SEALED ASSEMBLY WITH BLADE RUBBER BOOT



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DIMENSION UNITS	SCALE	CURRENT REV DESC: SEE REVISION TABLE	
mm	2:1		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 645317 DRWN: MKP CHK'D: MJMITCHELL APPR: MJMITCHELL INITIAL REVISION: DRWN: DMARCOUX APPR: FHOLUB	
	MM	INCH	
4 PLACES	±	±	
3 PLACES	±	±	
2 PLACES	±	0.1	±
1 PLACE	±	0.3	±
0 PLACES	±		±
ANGULAR TOL		±	3.0 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING
			D-SIZE

SD-33481-031

MX150 1X3 BLADE
SEALED ASSEMBLY MAT SEAL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-33481-031	PSD	001	R5

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE BOM	GENERAL MARKET	5 OF 7

	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
M	BOM																		
L	R5																		
K	ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	CAVITY TYPE & STATUS (X = PLUGGED)			STATUS	COMMENTS	OPTIONAL ATTACHMENT SOLD SEPARATELY SMP RUBBER BOOT										
J				1	2	3													
H	33481-0301	BLACK	A				NOT RECOMMENDED		NOT AVAILABLE										
G	33481-0302	LT.GRAY	B				NOT RECOMMENDED		NOT AVAILABLE										
F	33481-0303	BROWN	C				NOT RECOMMENDED	NOT RECOMMENDED, SEE P/N 33481-0322	NOT AVAILABLE										
E	33481-0304	GREEN	D				NOT RECOMMENDED	NOT RECOMMENDED, SEE P/N 33481-0323	NOT AVAILABLE										
D	33481-0305	CUSTOM	TBD				PLANNED OBSOLESCENCE		NOT AVAILABLE										
C	33481-0306	BLACK	A			X	PLANNED OBSOLESCENCE		NOT AVAILABLE										
B	33481-0307	LT.GRAY	B			X	PLANNED OBSOLESCENCE		NOT AVAILABLE										
A	33481-0308	BROWN	C			X	PLANNED OBSOLESCENCE		NOT AVAILABLE										
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	33481-0314	GREEN	D	X		X	PLANNED OBSOLESCENCE		NOT AVAILABLE										
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	33481-0316	BLACK	A	X	X	X	NOT RECOMMENDED		NOT AVAILABLE										
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	33481-0322	DK.GRAY	C				PLANNED OBSOLESCENCE		NOT AVAILABLE										
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	33481-0324	DK.GRAY	C	X	X	X	PLANNED OBSOLESCENCE		NOT AVAILABLE										
	33481-0325	ST.GRAY	D	X	X	X	PLANNED OBSOLESCENCE		NOT AVAILABLE										
	33481-0330	YELLOW	A				PLANNED OBSOLESCENCE		NOT AVAILABLE										
	33481-0340	BLACK	A				NOT RECOMMENDED	RUBBER BOOT CONFIGURATION	P/N TBD										
	33481-0341	BLACK	A	X	X	X	PLANNED OBSOLESCENCE	RUBBER BOOT CONFIGURATION	P/N TBD										

R5																		
ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	CAVITY TYPE & STATUS (X = PLUGGED)			STATUS	COMMENTS	OPTIONAL ATTACHMENT SOLD SEPARATELY SMP RUBBER BOOT										
			1	2	3													
33481-3301	BLACK	A				SALEABLE		AVAILABLE										
33481-3302	LT.GRAY	B				SALEABLE		AVAILABLE										
33481-3303	BROWN	C				NOT RECOMMENDED	NOT RECOMMENDED, SEE P/N 33481-0322	NOT AVAILABLE										
33481-3304	GREEN	D				NOT RECOMMENDED	NOT RECOMMENDED, SEE P/N 33481-0323	NOT AVAILABLE										
33481-3305	CUSTOM	TBD				SALEABLE		AVAILABLE										
33481-3306	BLACK	A			X	SALEABLE		AVAILABLE										
33481-3307	LT.GRAY	B			X	SALEABLE		AVAILABLE										
33481-3308	BROWN	C			X	SALEABLE		AVAILABLE										
33481-3309	GREEN	D			X	SALEABLE		AVAILABLE										
33481-3310	CUSTOM	TBD			X	SALEABLE		AVAILABLE										
33481-3311	BLACK	A	X		X	SALEABLE		AVAILABLE										
33481-3312	LT.GRAY	B	X		X	SALEABLE		AVAILABLE										
33481-3313	BROWN	C	X		X	SALEABLE		AVAILABLE										
33481-3314	GREEN	D	X		X	SALEABLE		AVAILABLE										
33481-3315	CUSTOM	TBD	X		X	SALEABLE		AVAILABLE										
33481-3316	BLACK	A	X	X	X	SALEABLE		AVAILABLE										
33481-3317	LT.GRAY	B	X	X	X	SALEABLE		AVAILABLE										
33481-3318	BROWN	C	X	X	X	NOT RECOMMENDED	NOT RECOMMENDED, SEE P/N 33481-0324	NOT AVAILABLE										
33481-3319	GREEN	D	X	X	X	NOT RECOMMENDED	NOT RECOMMENDED, SEE P/N 33481-0325	NOT AVAILABLE										
33481-3320	CUSTOM	TBD	X	X	X	SALEABLE		AVAILABLE										
33481-3321	BLACK	A		X		SALEABLE		AVAILABLE										
33481-3322	DK.GRAY	C				SALEABLE		AVAILABLE										
33481-3323	ST.GRAY	D				SALEABLE		AVAILABLE										
33481-3324	DK.GRAY	C	X	X	X	SALEABLE		AVAILABLE										
33481-3325	ST.GRAY	D	X	X	X	SALEABLE		AVAILABLE										
33481-3330	YELLOW	A				SALEABLE		AVAILABLE										
33481-3340	BLACK	A				SALEABLE	RUBBER BOOT CONFIGURATION	P/N TBD										
33481-3341	BLACK	A	X	X	X	SALEABLE	RUBBER BOOT CONFIGURATION	P/N TBD										

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DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.1	±
1 PLACE	± 0.3	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

D-SIZE

SERIES

33481

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 645317
DRWN: MKP
CHK'D: MJMITCHELL
APPR: MJMITCHELL

2020/08/10
2020/09/21
2020/09/21

INITIAL REVISION:
DRWN: DMARCOUX
APPR: FHOLUB

06-12-02
06-12-02

DOCUMENT NUMBER

SD-33481-031

DOC TYPE

PSD

DOC PART

001

REVISION

R5

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-33481-031

DOC TYPE

PSD

DOC PART

001

REVISION

R5

MATERIAL NUMBER

SEE BOM

CUSTOMER

GENERAL MARKET

SHEET NUMBER

6 OF 7

DOCUMENT STATUS

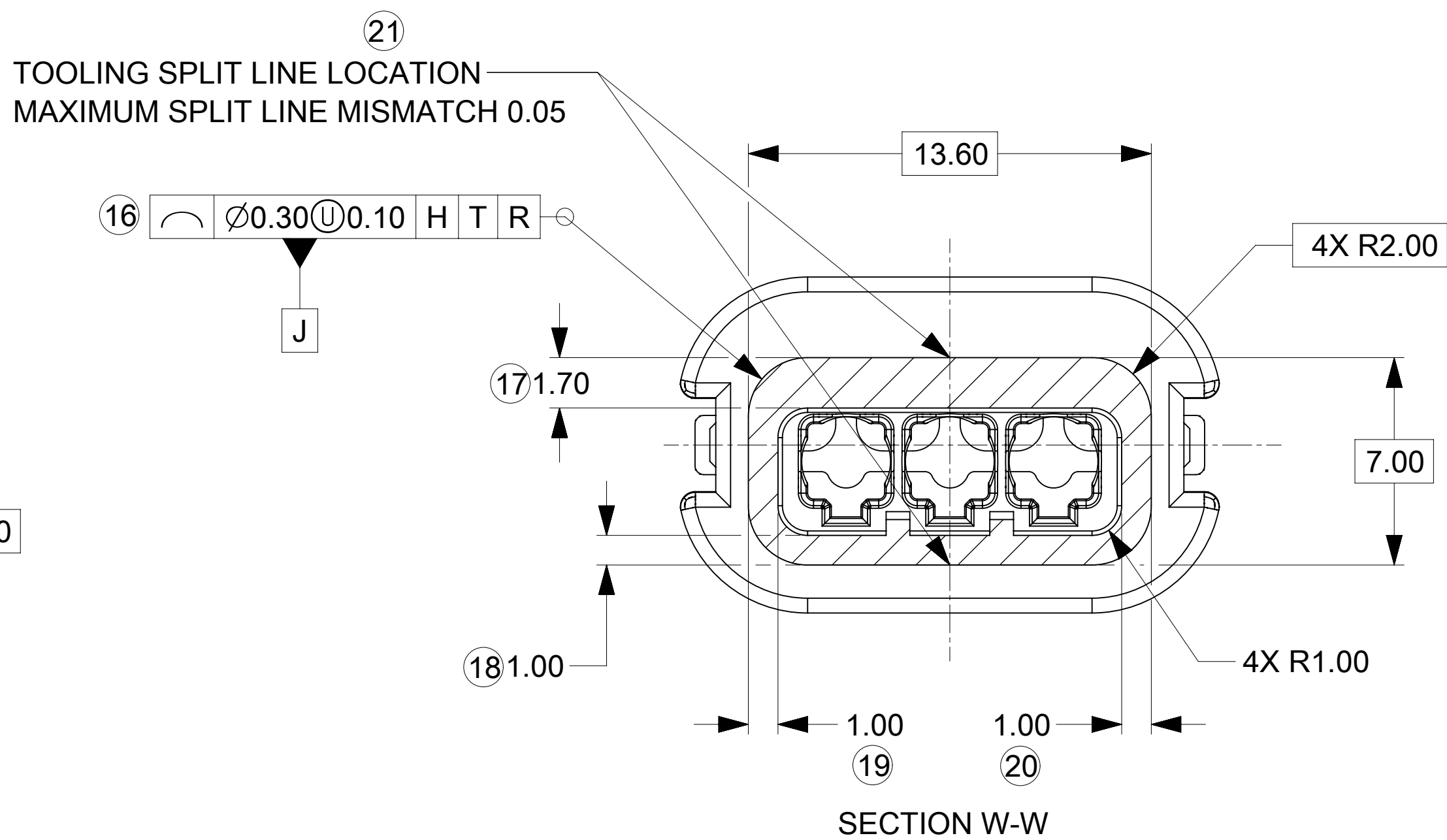
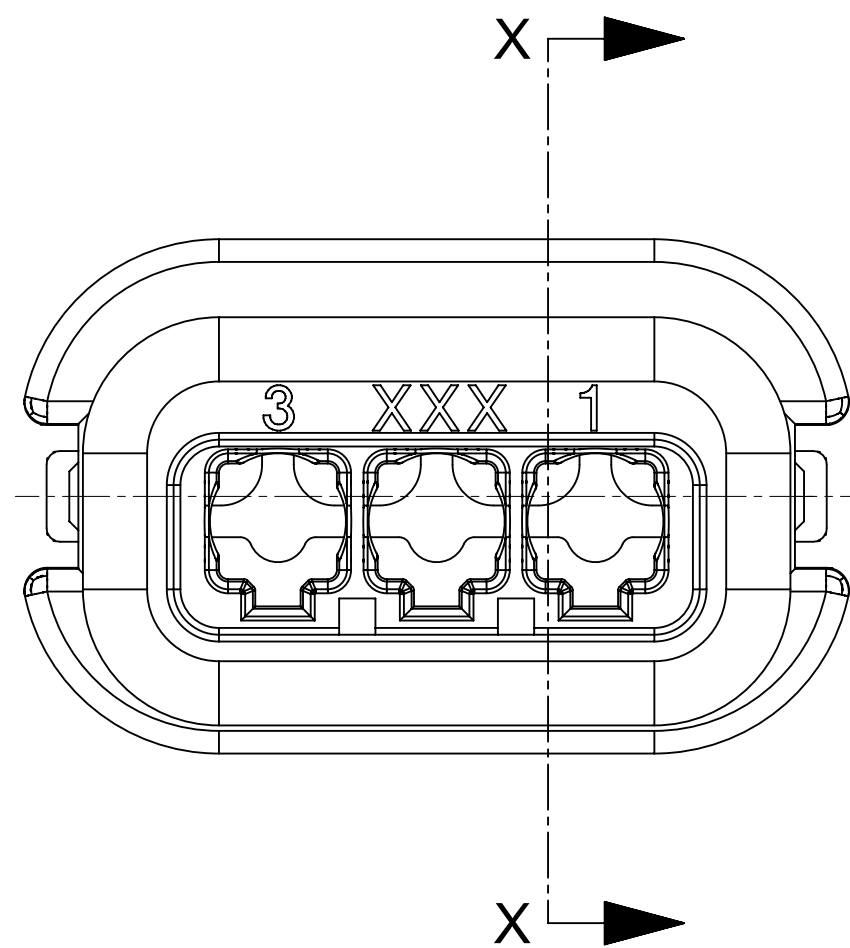
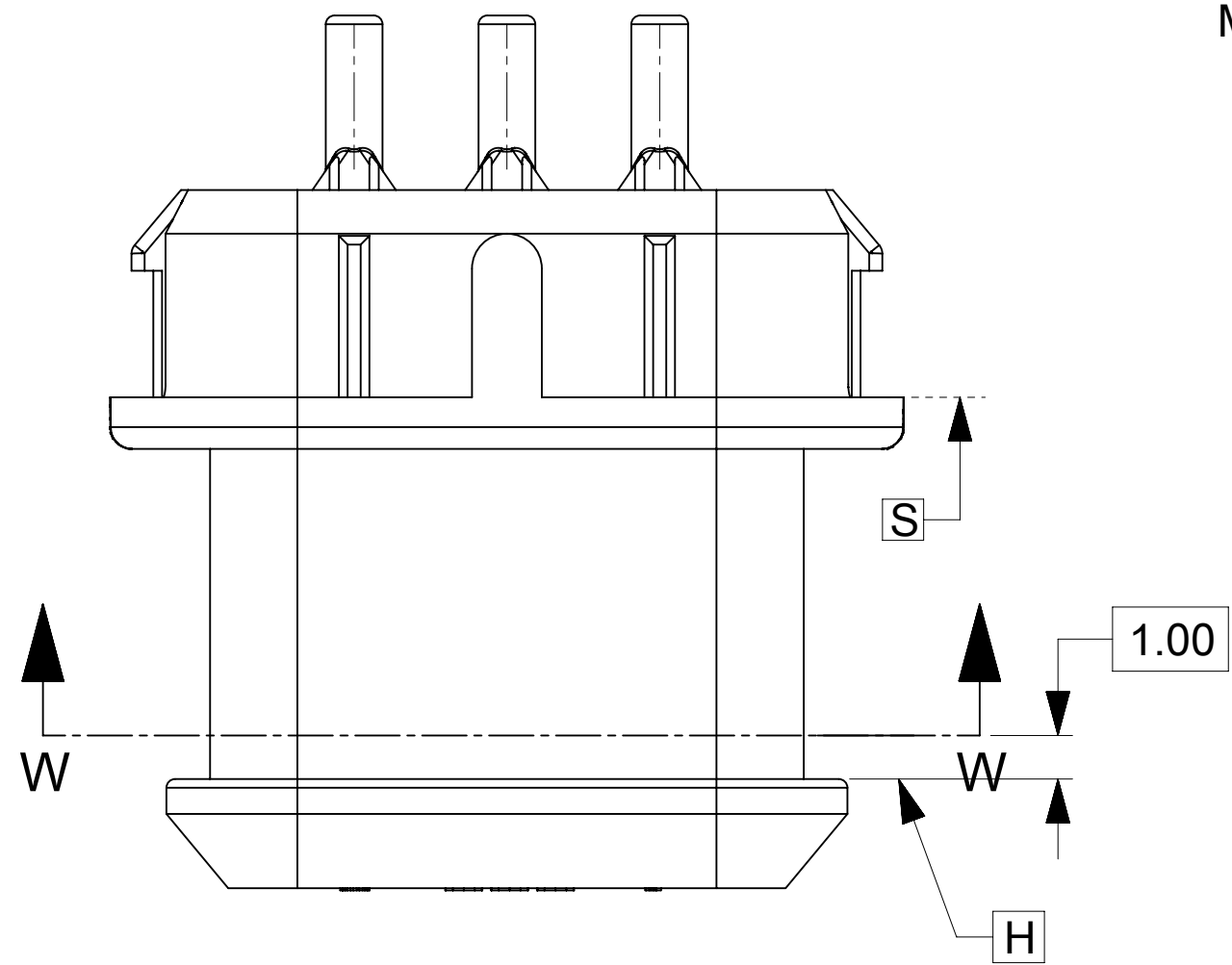
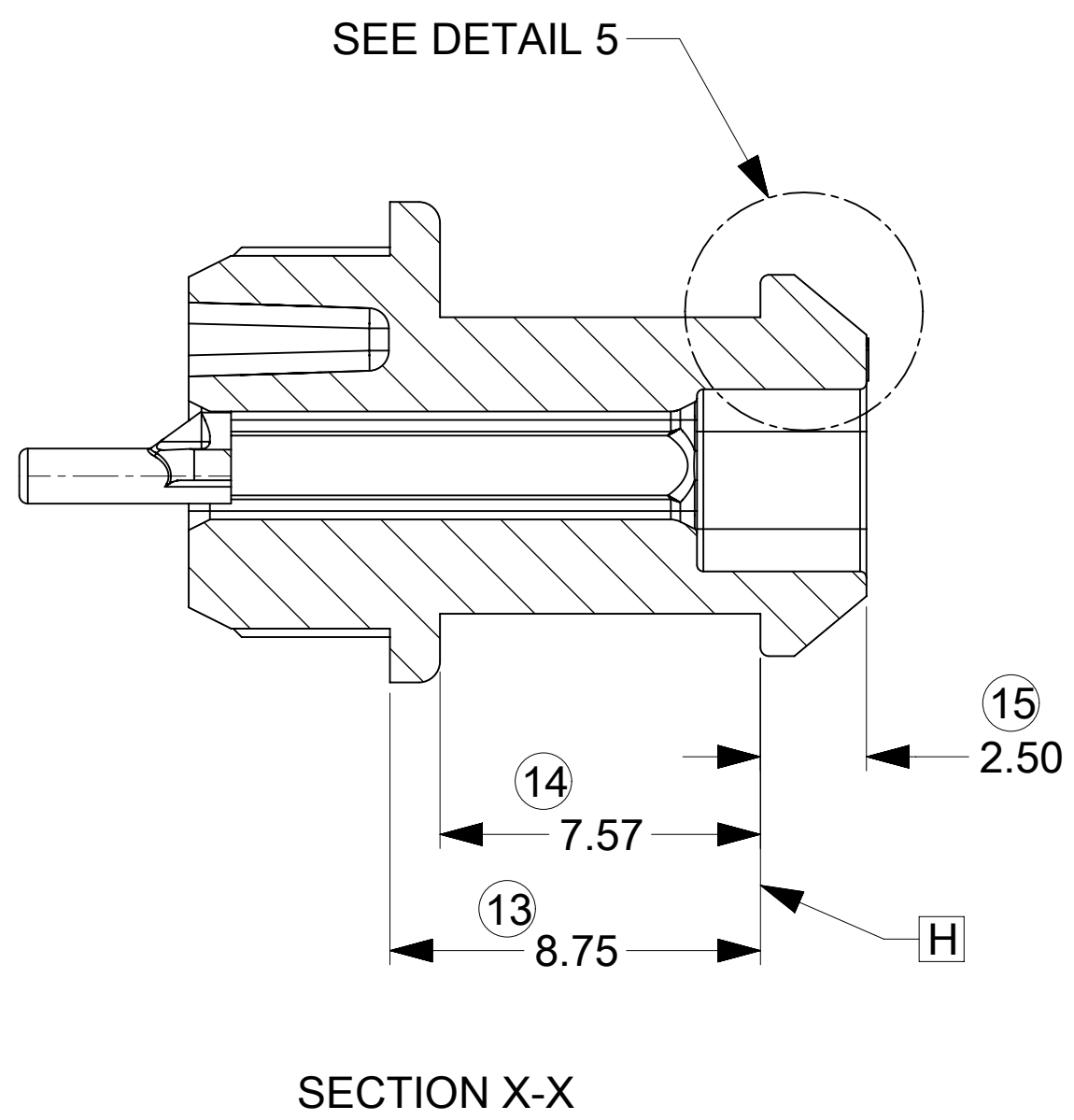
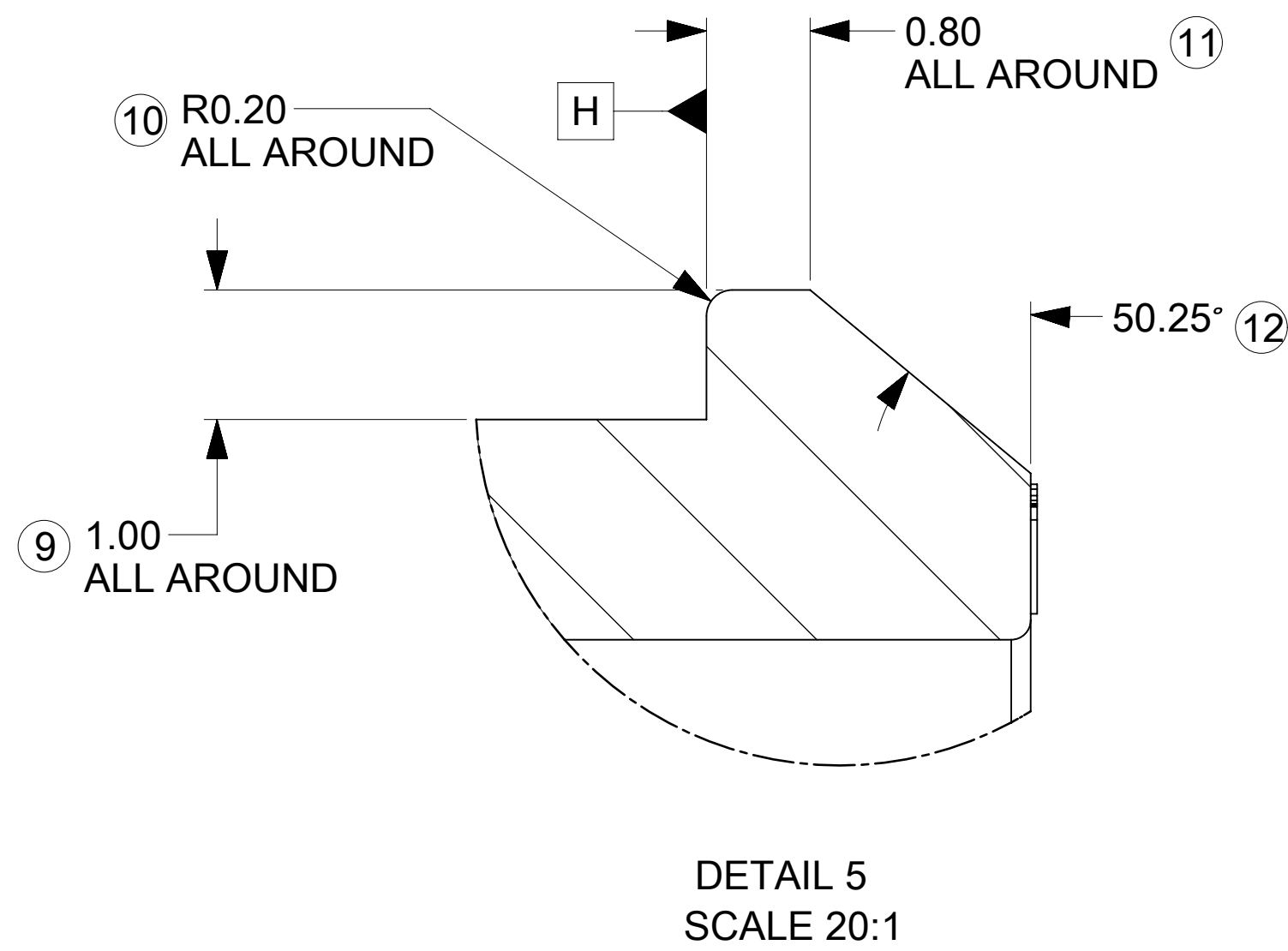
P1

RELEASE DATE

2020/09/21

14:03:57

| 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |



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DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE				molex MX150 1X3 BLADE SEALED ASSEMBLY MAT SEAL							
mm		2:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 645317 DRWN: MKP 2020/08/10 CHK'D: MJMITCHELL 2020/09/21 APPR: MJMITCHELL 2020/09/21 INITIAL REVISION: DRWN: DMARCOUX 06-12-02 APPR: FHOLUB 06-12-02				PRODUCT CUSTOMER DRAWING							
		MM	INCH										DOCUMENT NUMBER SD-33481-031		
4 PLACES		±	±					DOC TYPE PSD							
3 PLACES		±	±										DOC PART 001		
2 PLACES		±	0.1					±	REVISION R5						
1 PLACE		±	0.3					±							
0 PLACES		±		±											
ANGULAR TOL				±	3.0 °										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING D-SIZE		SERIES 33481		MATERIAL NUMBER SEE BOM		CUSTOMER GENERAL MARKET		SHEET NUMBER 7 OF 7	