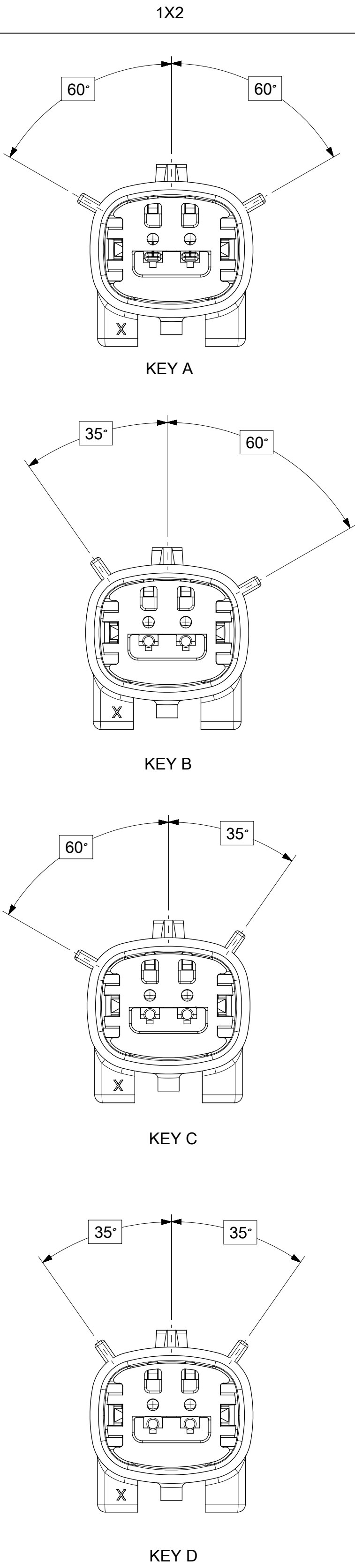
















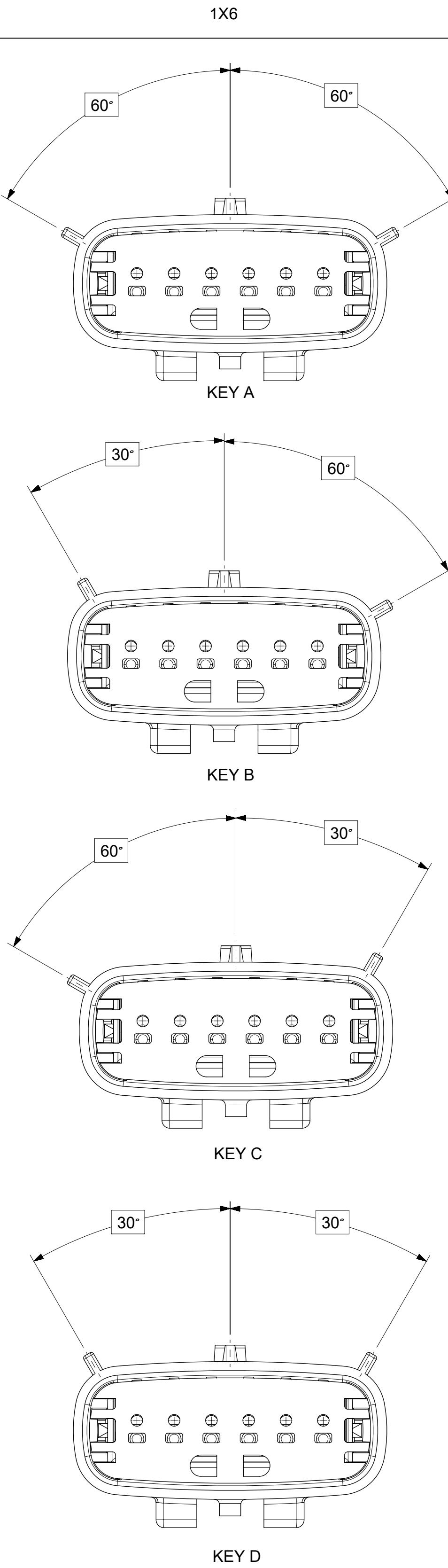














SHEET DESCRIPTION  
KEY CONFIGURATIONS



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:						
	MM ONLY		3:1								
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				<div>MX150 BLADE</div> <div>SINGLE ROW SEALED ASSY MAT SEAL</div>						
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ANGULAR TOL ± 1.0 °											
 = 0	4 PLACES ±		EC NO: 602373								DRWN: DSHETTY01
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 = 0	2 PLACES ± 0.1		APPR: MVANSLAMBROU		2018/10/04						
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DOCUMENT NUMBER					DOC TYPE		DOC PART		REVISION		
SD-33481-0001					PSD		001		A1		
MATERIAL NUMBER					CUSTOMER					SHEET NUMBER	
SEE NOTE 2a.					GENERAL MARKET					3 OF 9	

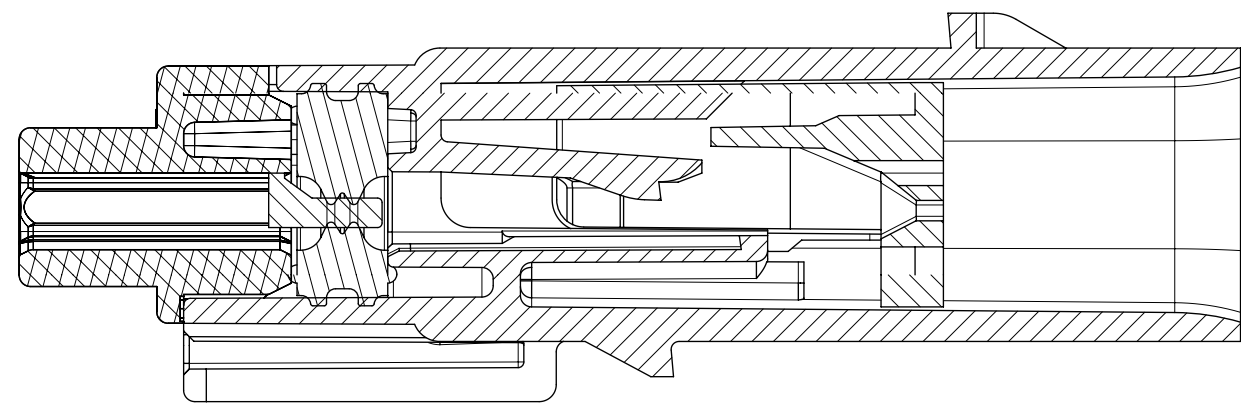
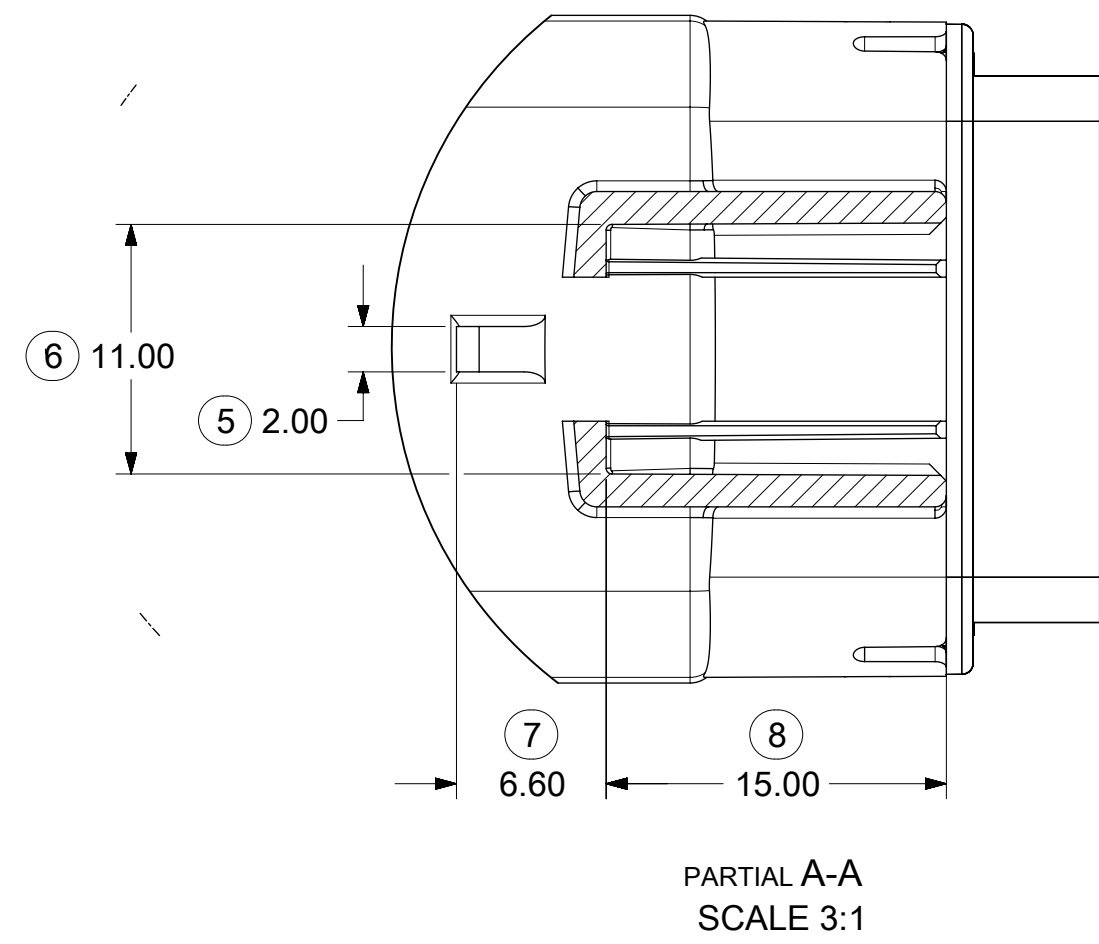
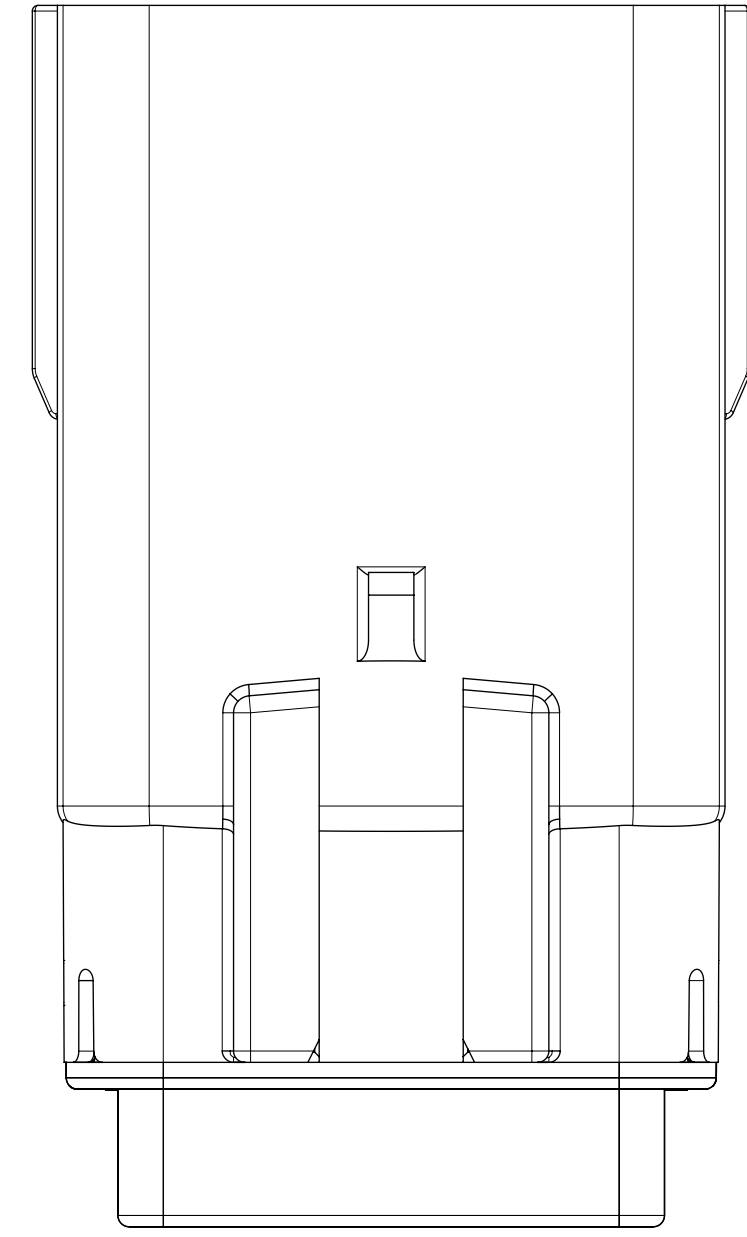
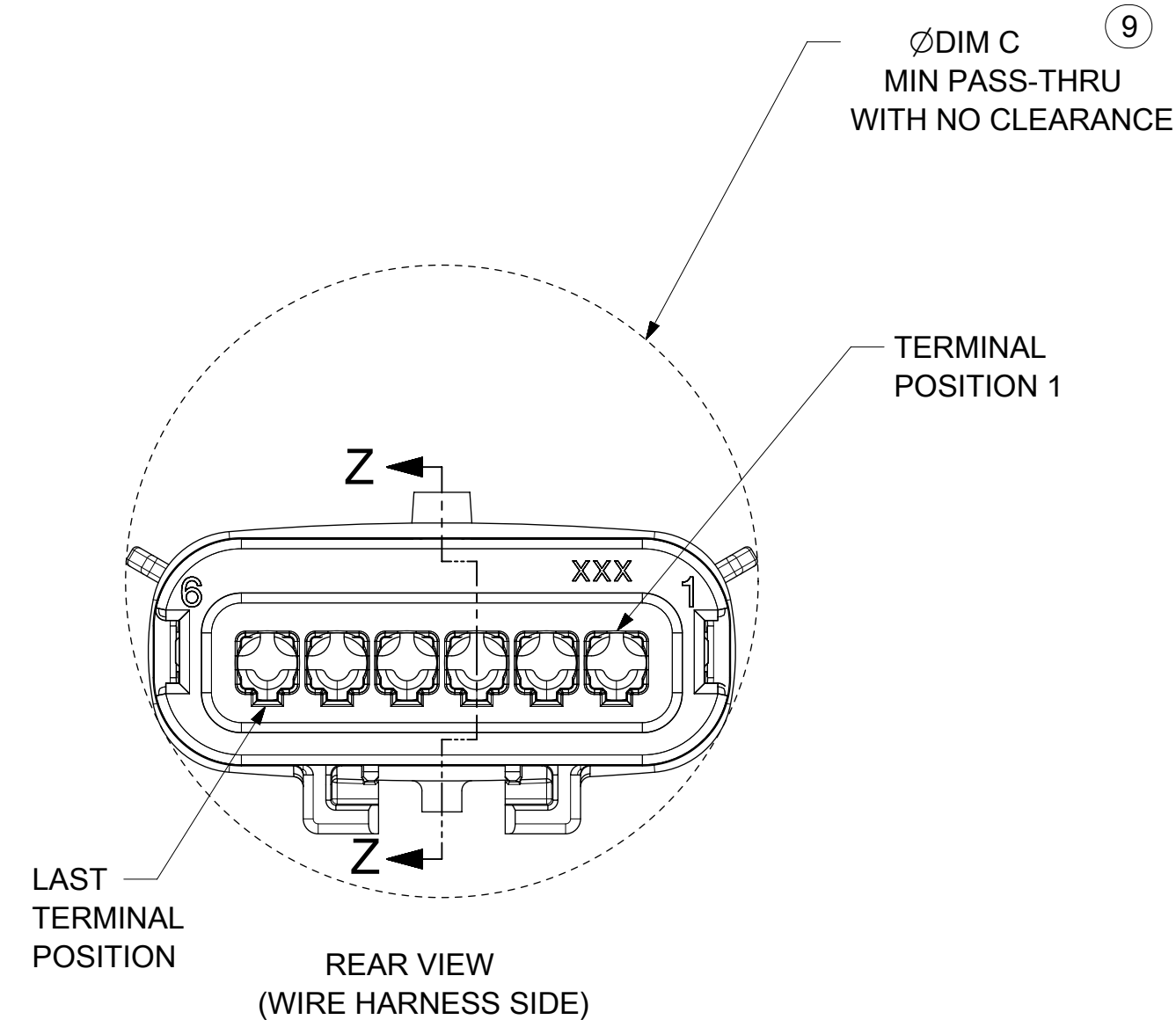
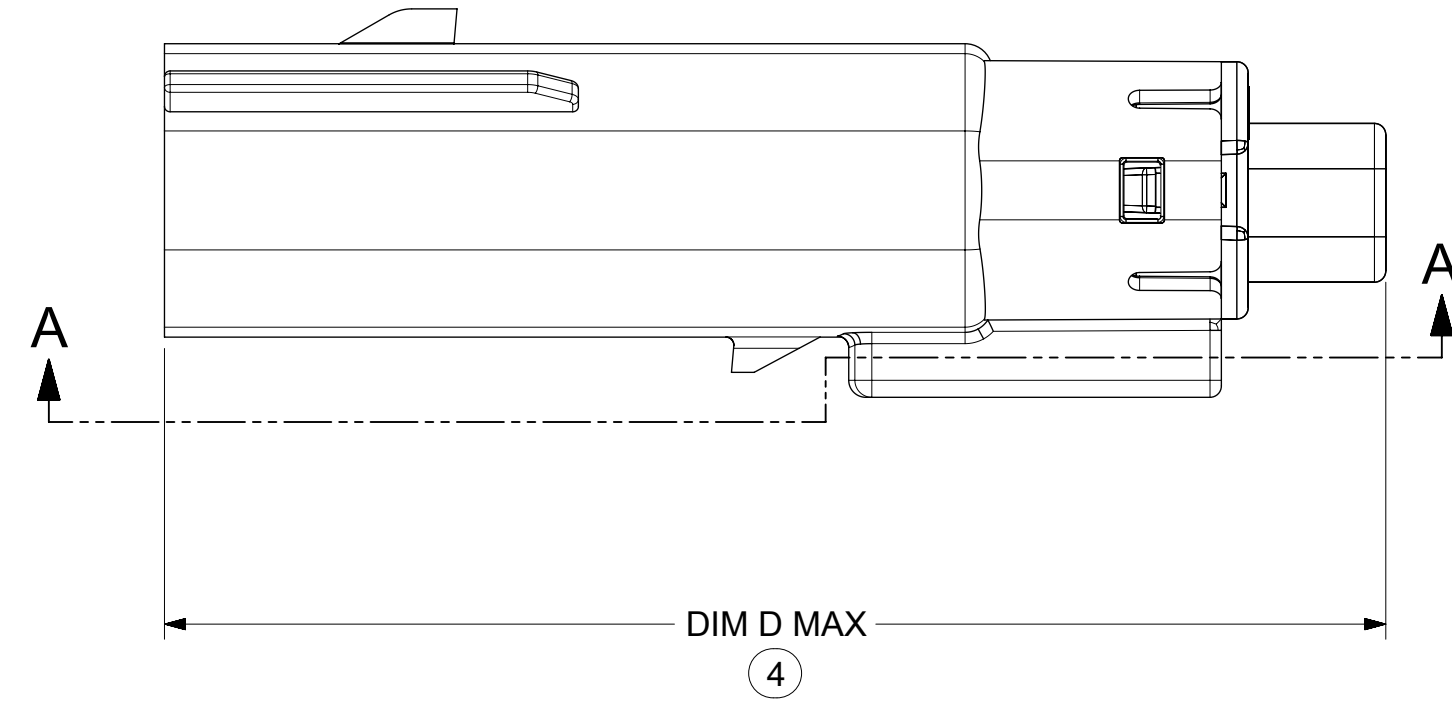
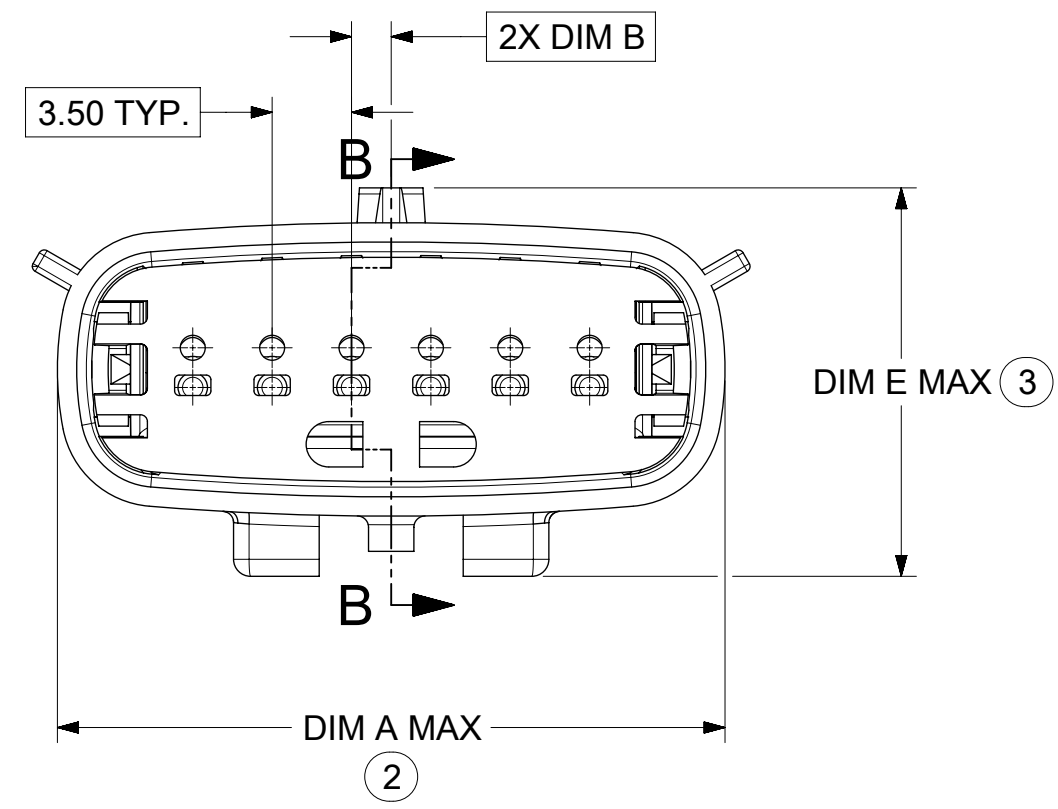
SHEET DESCRIPTION  
KEY CONFIGURATIONS CONT.



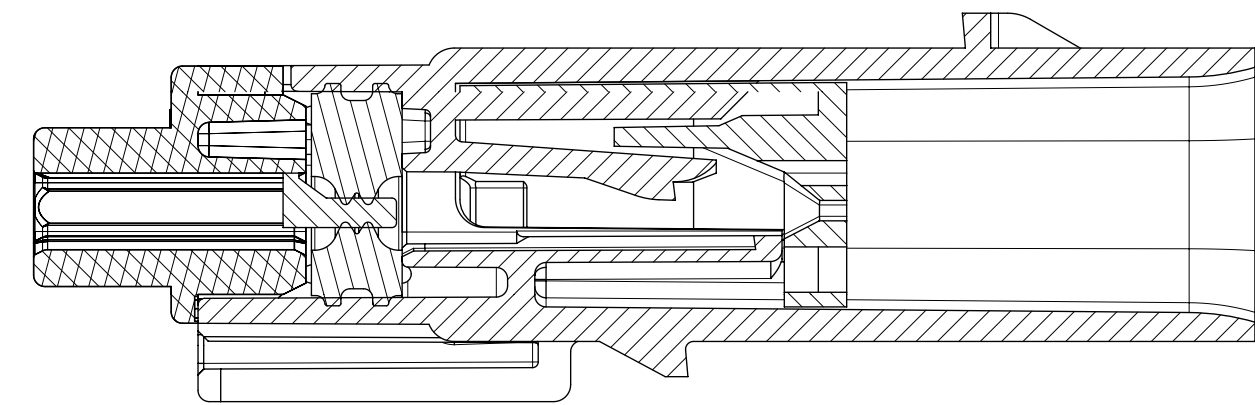
SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
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 = 0		MM ONLY		3:1															
 = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				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		ANGULAR TOL ± 1.0 °																	
 = 0		4 PLACES ±																	
 = 0		3 PLACES ±				INITIAL REVISION: DRWN: APROFFITT 2015/07/21 APPR: KDEKOSKI 2016/06/14				PRODUCT CUSTOMER DRAWING									
 = 0		2 PLACES ± 0.1																	
 = 0		1 PLACE ± 0.2				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
 = 0		0 PLACES ±																	
 = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						A1-SIZE		33481		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
 = 0												SEE NOTE 2a.		GENERAL MARKET		4 OF 9			

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



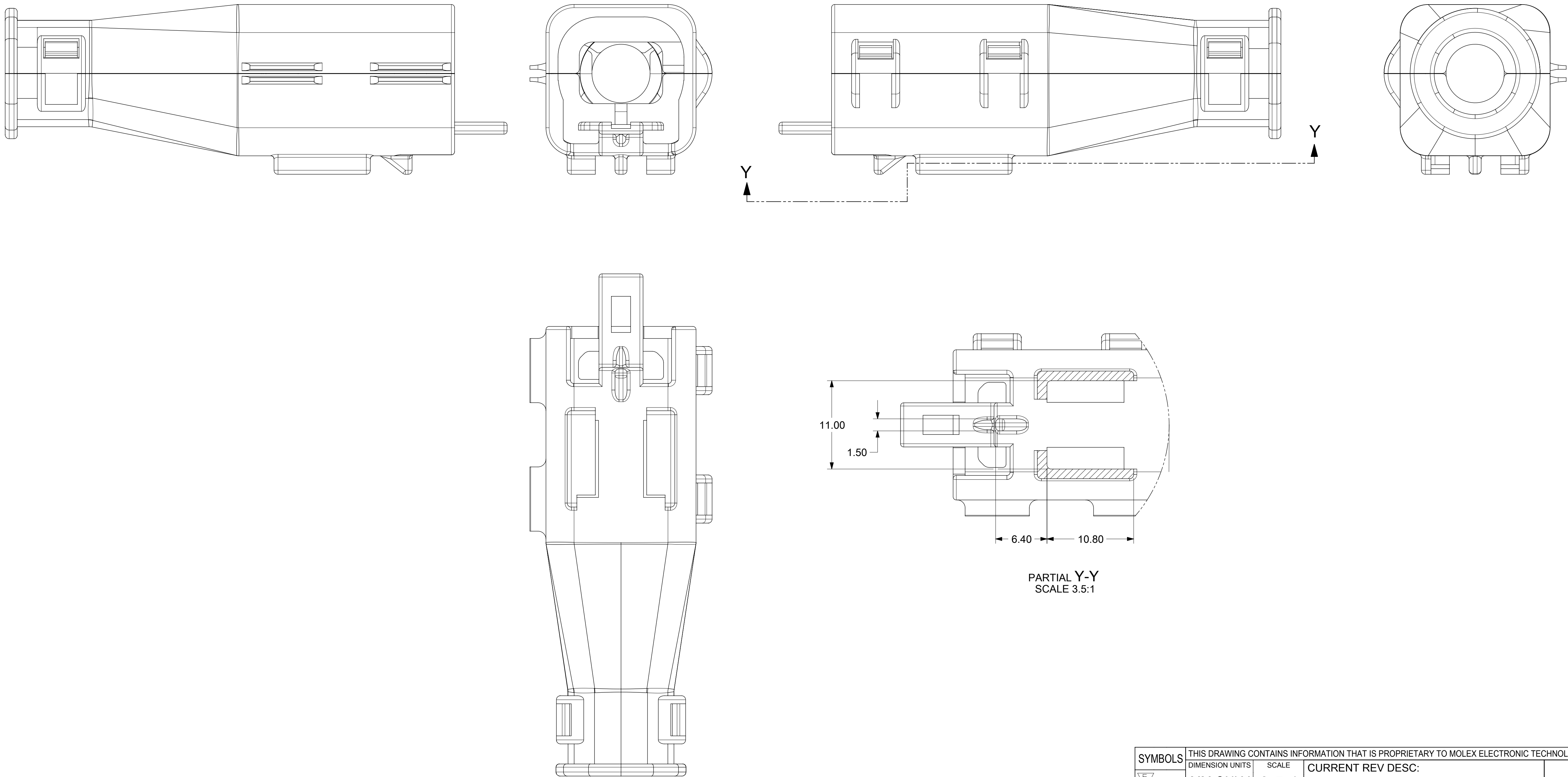
PRIMARY LOCK REINFORCEMENT (PLR) SHOWN  
IN FINAL-LOCK POSITION

SECTION Z-Z

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
<div><div><div><div><div><div></div></div></div><div><div></div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div></div>		<div><div>DIMENSION UNITS</div><div>SCALE</div></div>		<div><div>CURRENT REV DESC:</div><div>MM ONLY</div><div>3:1</div></div>		<div><div>MX150 BLADE</div><div>SINGLE ROW SEALED ASSY MAT SEAL</div></div>					
<div><div>GENERAL TOLERANCES (UNLESS SPECIFIED)</div><div>ANGULAR TOL ± 1.0 °</div><div>4 PLACES ±</div><div>3 PLACES ±</div><div>2 PLACES ± 0.1</div><div>1 PLACE ± 0.2</div><div>0 PLACES ±</div><div>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</div></div>		<div><div>EC NO: 602373</div><div>DRWN: DSHETTY01 2018/05/25</div><div>CHK'D: MVANSLAMBROU 2018/10/04</div><div>APPR: MVANSLAMBROU 2018/10/04</div></div>									
<div><div>INITIAL REVISION:</div><div>DRWN: APROFFITT 2015/07/21</div><div>APPR: KDEKOSKI 2016/06/14</div></div>		<div><div>PRODUCT CUSTOMER DRAWING</div><div>DOCUMENT NUMBER</div><div>DOC TYPE</div><div>DOC PART</div><div>REVISION</div></div>									
<div><div>THIRD ANGLE PROJECTION</div><div>DRAWING</div><div>SERIES</div></div>		<div><div>MATERIAL NUMBER</div><div>CUSTOMER</div></div>		<div><div>SHEET NUMBER</div></div>							
<div><div><div><div><div><div></div></div></div><div><div></div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div></div>		<div><div>THIRD ANGLE PROJECTION</div><div>DRAWING</div><div>SERIES</div></div>		<div><div>SD-33481-0001</div><div>SEE NOTE 2a.</div></div>		<div><div>PSD</div><div>001</div><div>A1</div><div>GENERAL MARKET</div><div>5 OF 9</div></div>					

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

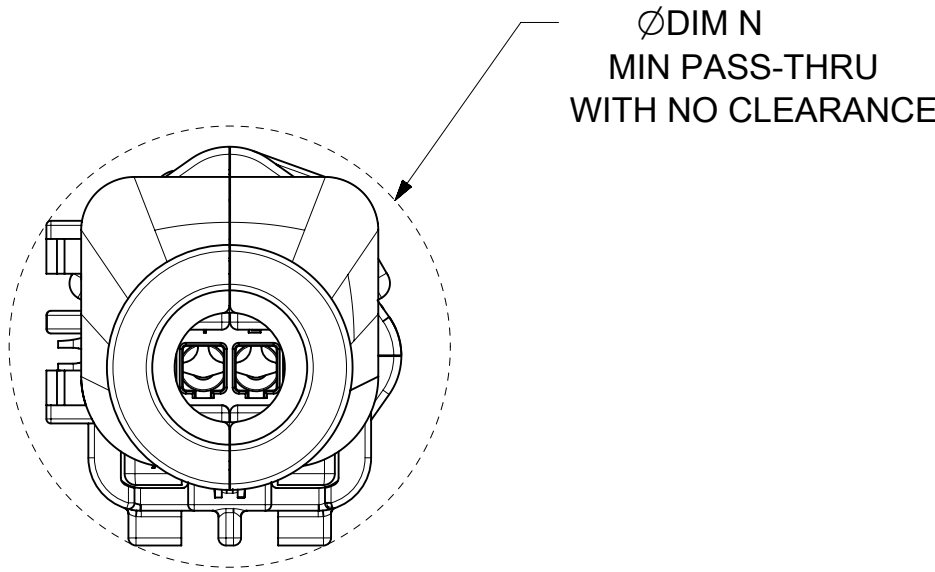
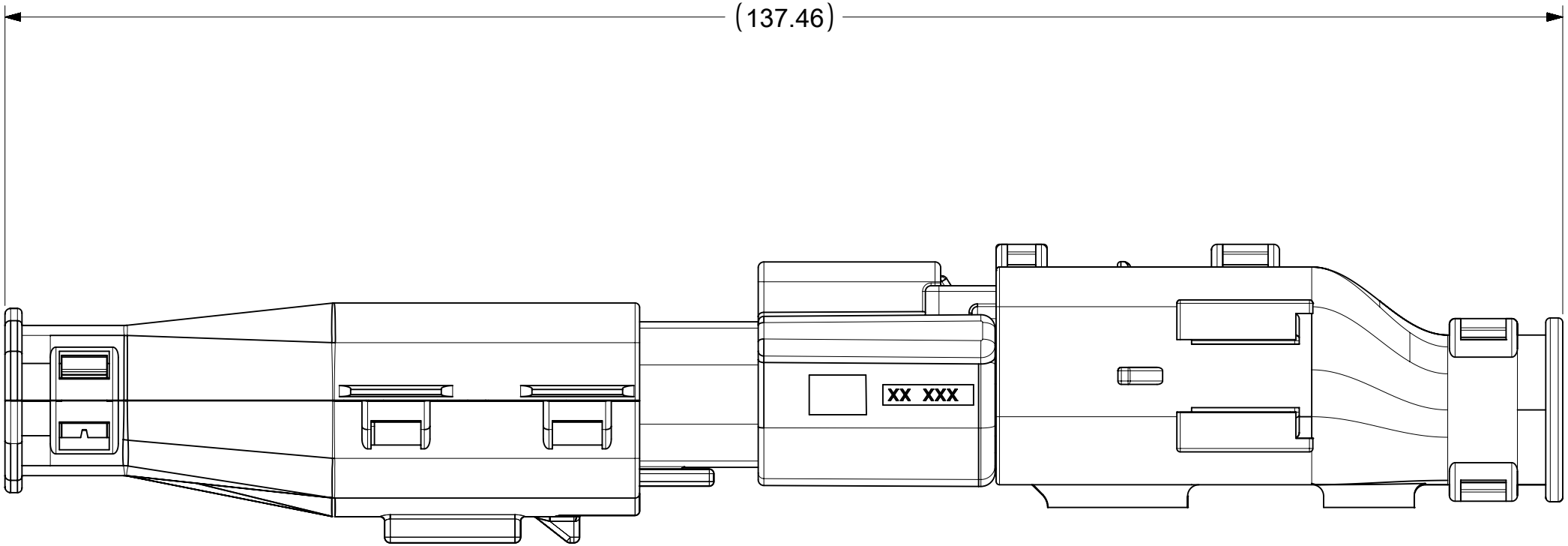


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	= 0	MM ONLY	3.5:1
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	= 0	ANGULAR TOL	± 1.0 °
	= 0	4 PLACES	±
	= 0	3 PLACES	±
	= 0	2 PLACES	± 0.1
	= 0	1 PLACE	± 0.2
	= 0	0 PLACES	±
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
	= 0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

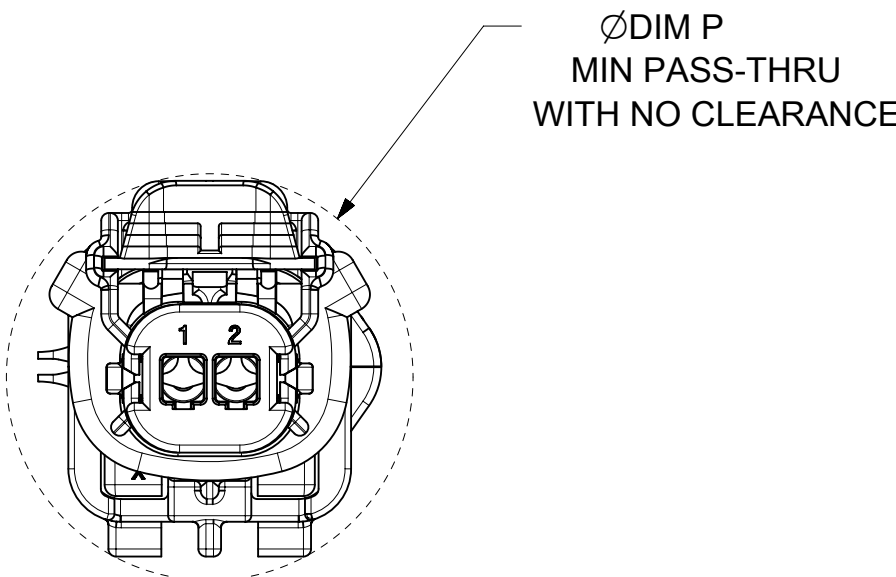
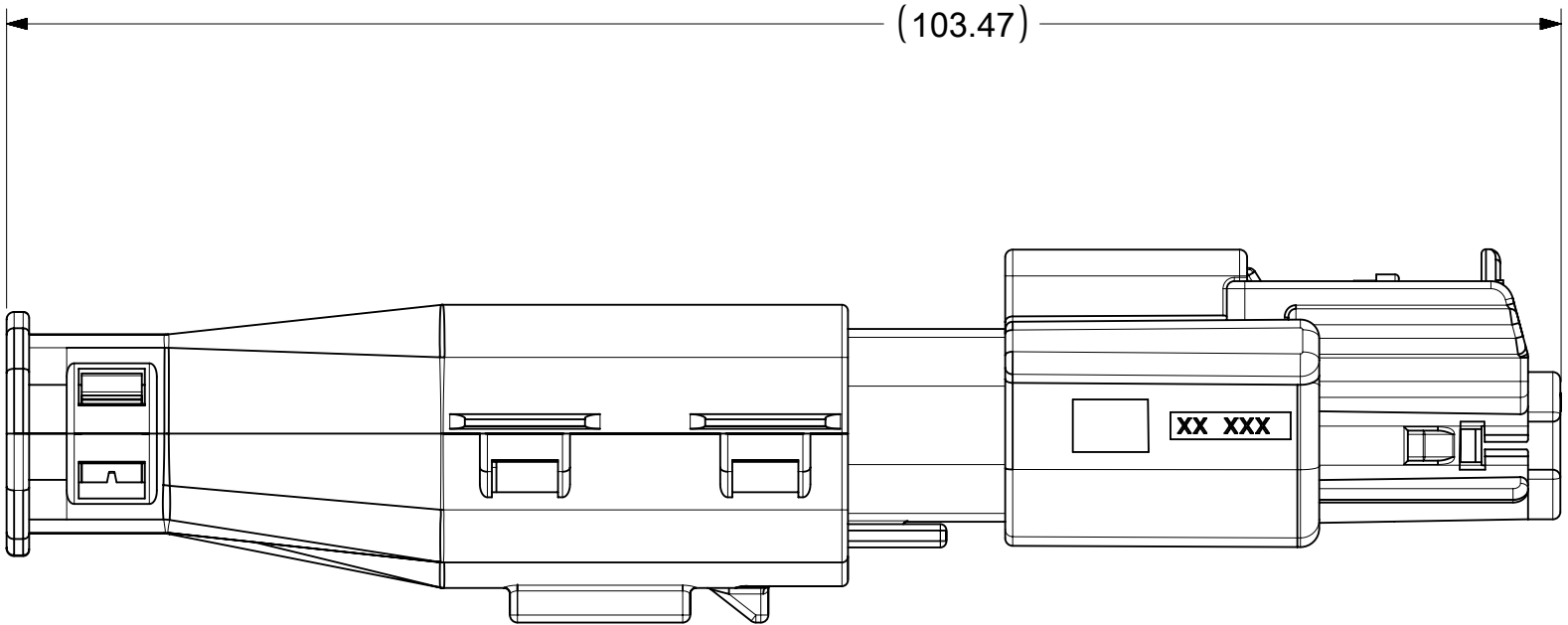
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EC NO: 602373		MX150 BLADE	
DRWN: DSHETTY01		SINGLE ROW SEALED ASSY MAT SEAL	
CHK'D: MVANSLAMBROU			
APPR: MVANSLAMBROU			
INITIAL REVISION:		PRODUCT CUSTOMER DRAWING	
DRWN: APROFFITT		DOCUMENT NUMBER	DOC TYPE
APPR: KDEKOSKI		SD-33481-0001	PSD
		001	A1

SHEET DESCRIPTION  
BACKSHELL CONFIGURATIONS

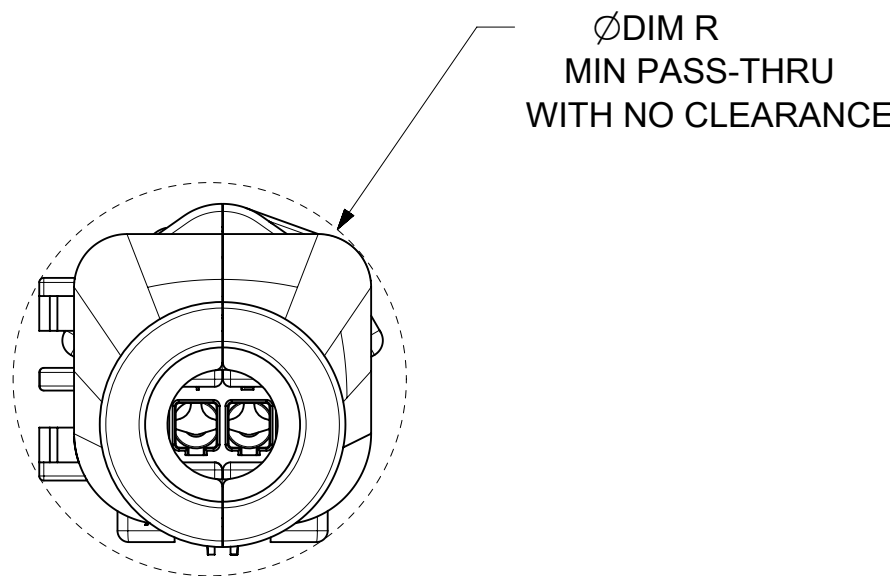
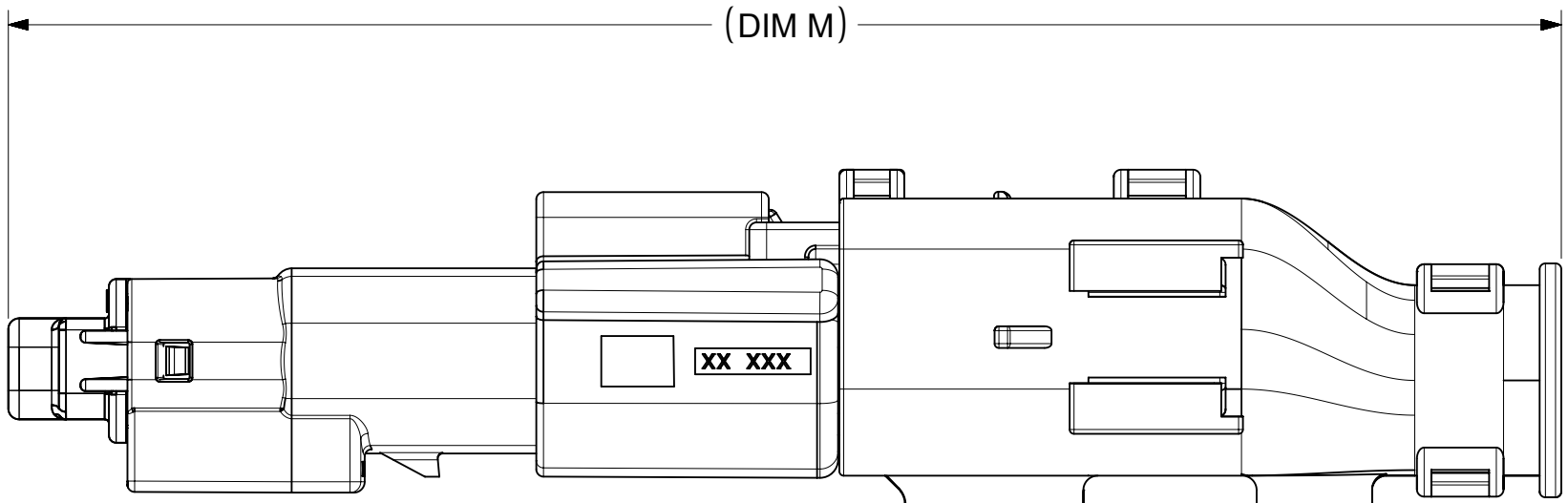
CHARTED DIMENSIONS							
CKT	BLADE CONFIGURATION	RECEPTACLE CONFIGURATION	DIMENSIONS				
			M	N	P	R	S
1X2	STANDARD	STANDARD	107.84	29.50	27.00	26.25	25.00



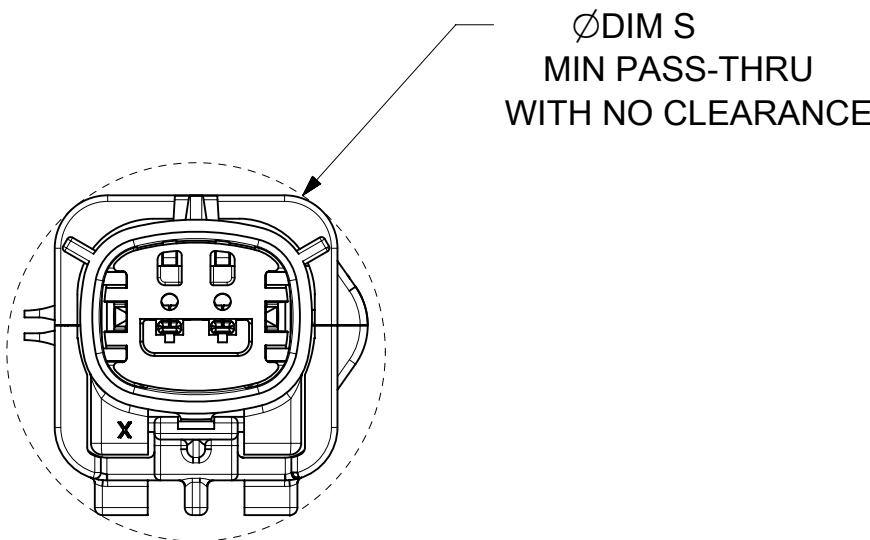
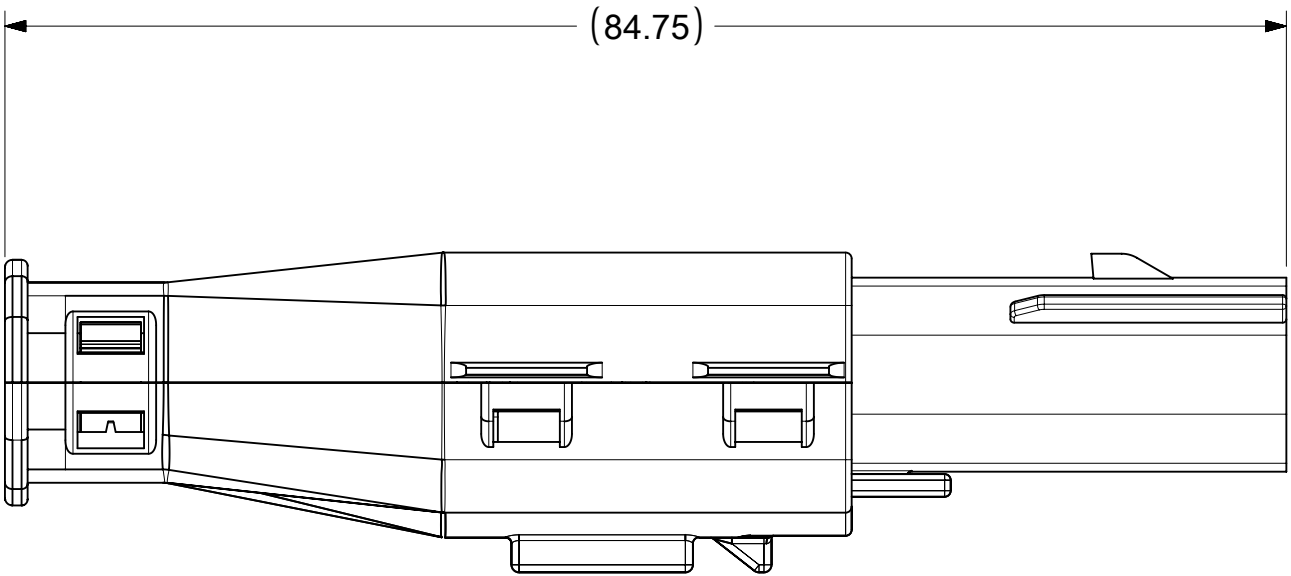
OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL



OVERALL MATED SYSTEM WITH BLADE BACKSHELL



OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL



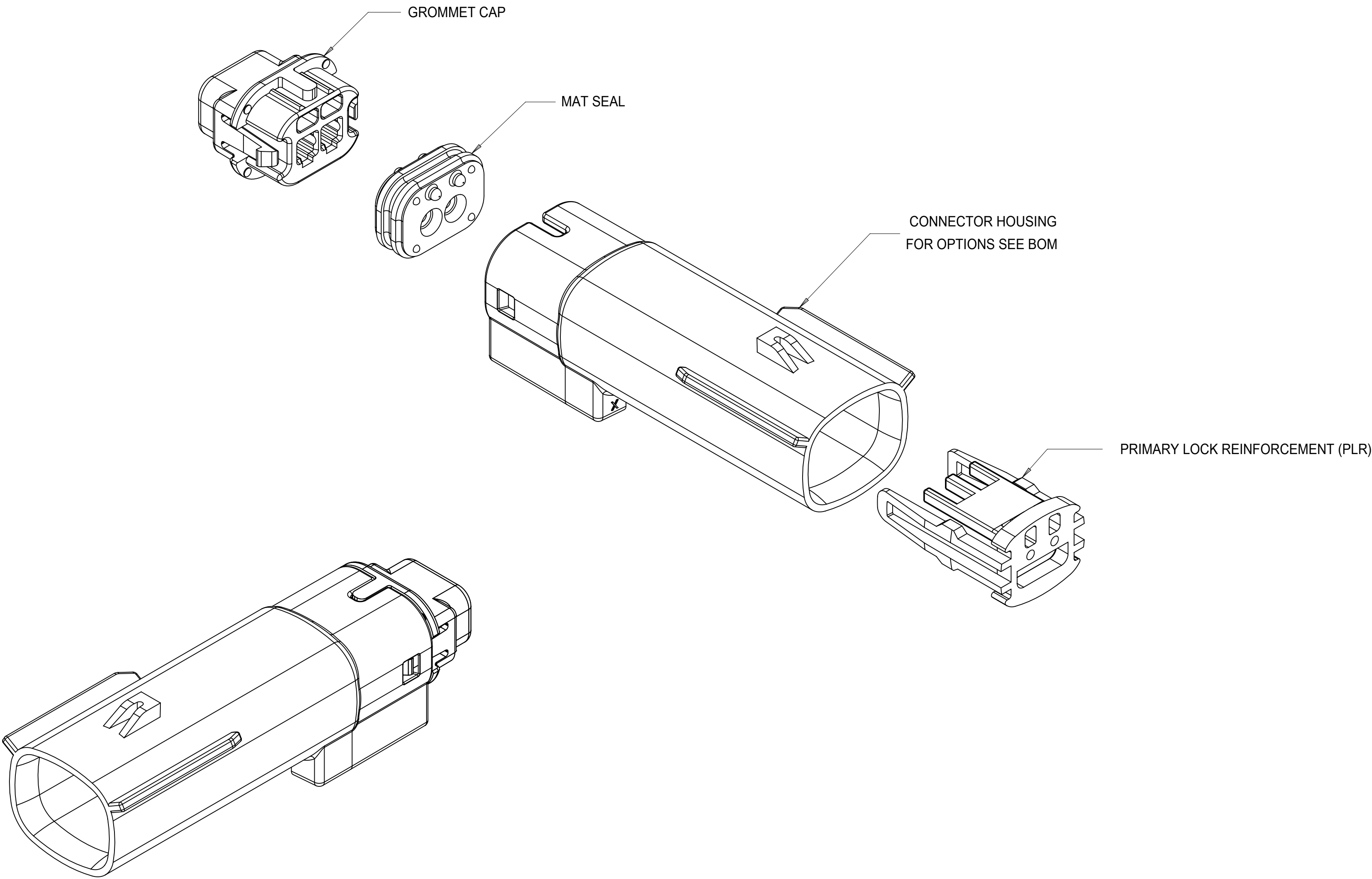
BLADE SEALED ASSEMBLY WITH BLADE BACKSHELL

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
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= 0		MM ONLY		2:1													
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= 0		ANGULAR TOL ± 1.0 °															
= 0		4 PLACES		±						MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL							
= 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		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A1-SIZE		33481		SD-33481-0001		PSD		001		A1	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
										SEE NOTE 2a.		GENERAL MARKET				9 OF 9	

DOCUMENT STATUS	P1	RELEASE DATE	2018/10/04	15:02:02
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TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	KEY CONFIGURATIONS
3	BLADE SEALED ASSEMBLY
4	SYSTEM PACKAGING
5	BACKSHELL NOTES
6	BACKSHELL
7	BACKSHELL CONFIGURATIONS
8~9	BOM



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-33471-021.  
-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) <<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 40 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. SEE BOM TABLE
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 LOG  
LAST NUMBER USED: 57  
ADDED:  
REMOVED:

A13	UPDATED STATUS IN BOM
A12	ADD NEW P/N 33481-2201 TO 33481-2210
A10	ADD NEW P/N 33481-0210
A9	UPDATED VIEWSET & NOTES
A8	RENAMED BACKSHELLS
A7	REMOVED DIMENSION 57
A6	UPDATED NOTES
A5	UPDATED P/N ORDER IN BOM
A4	REDRAWN, ADDED BACKSHELL
REV	DESCRIPTION

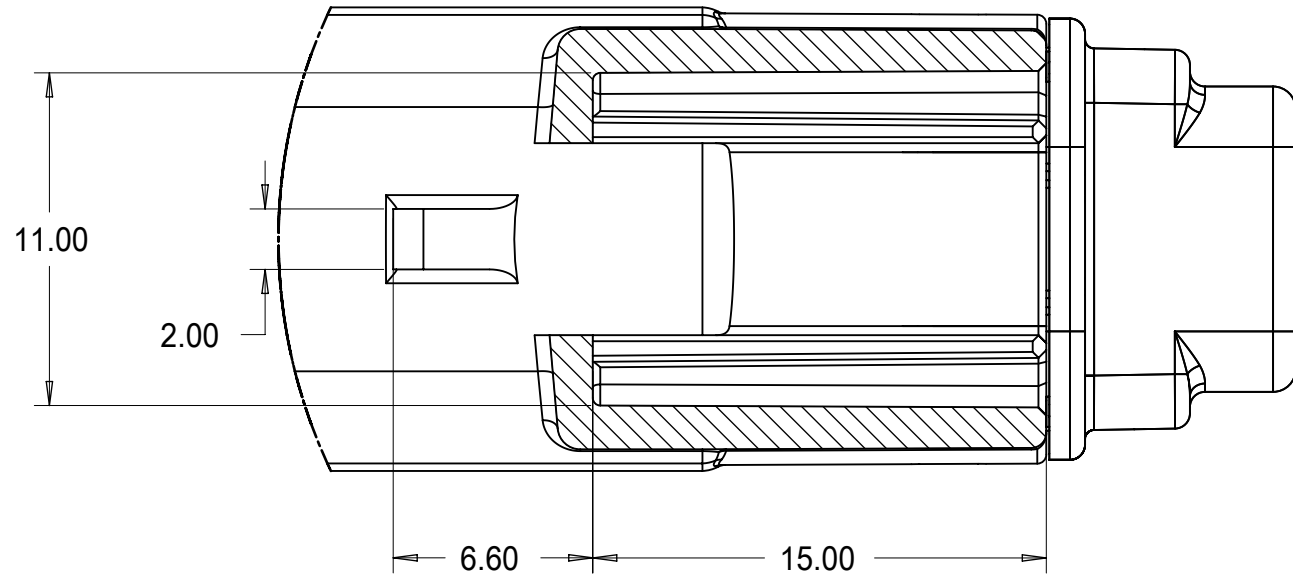
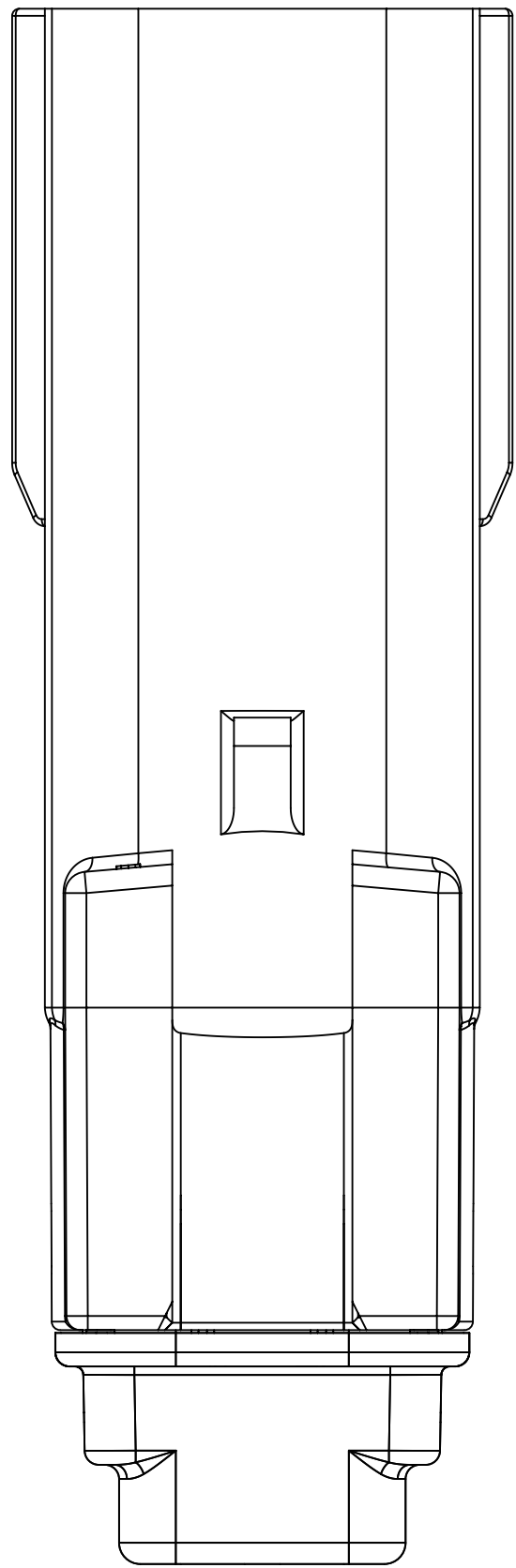
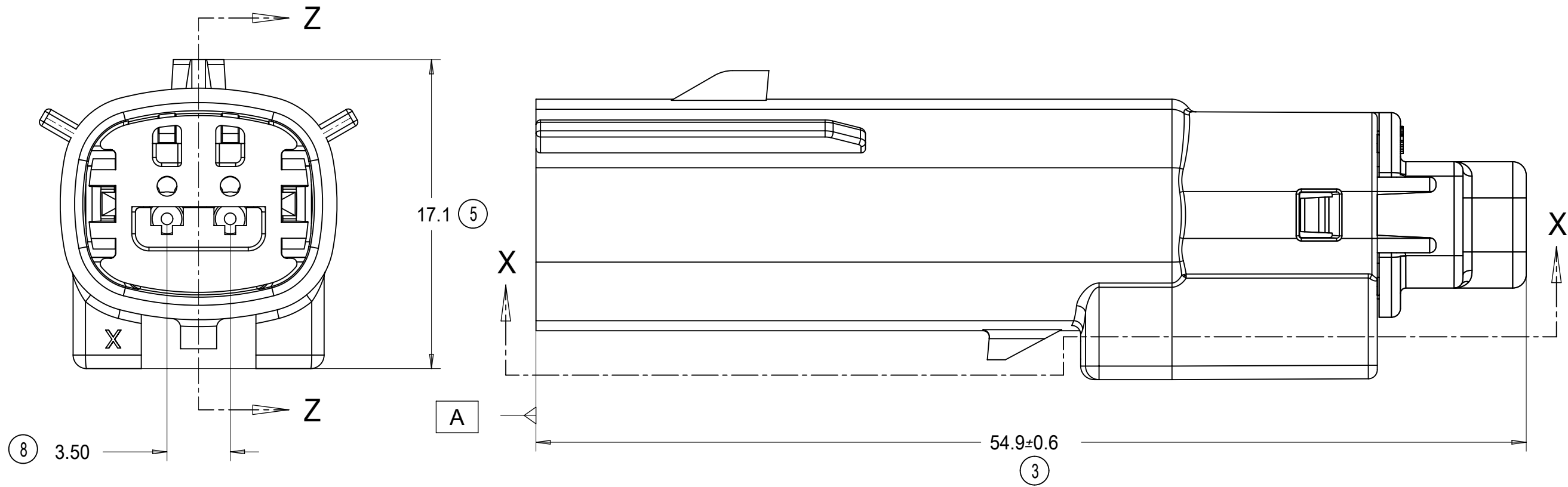
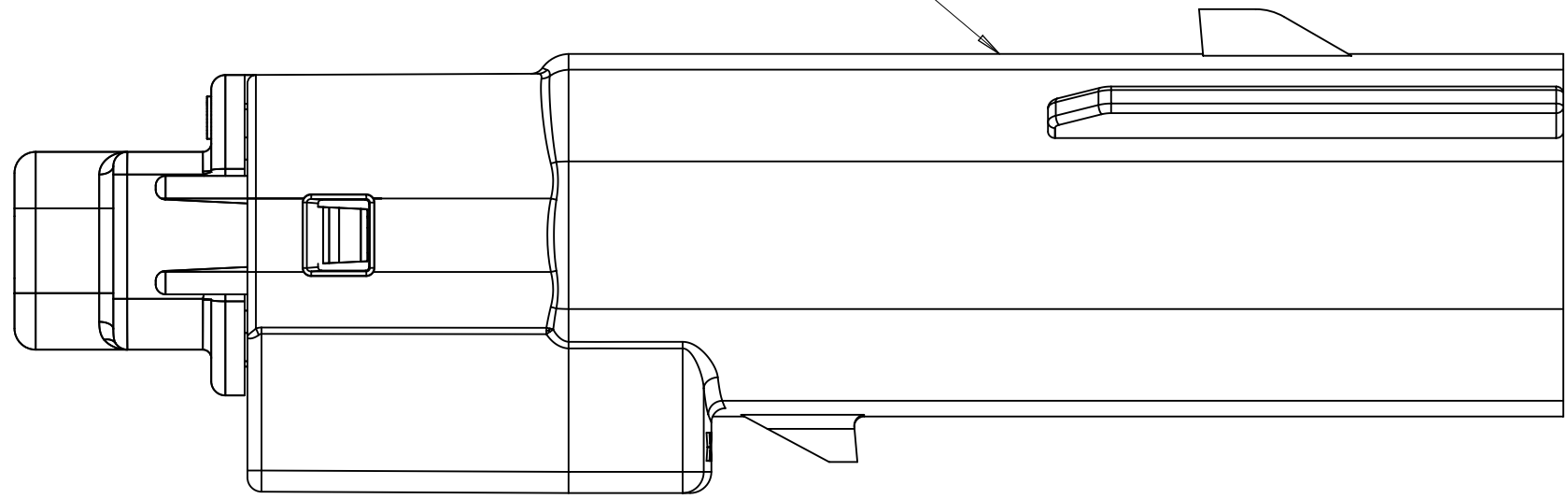
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mm		3:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 645317 DRWN: MKP 2020/08/07 CHK'D: MJMITCHELL 2020/09/21 APPR: MJMITCHELL 2020/09/21 INITIAL REVISION: DRWN: MVANSLAMBROU 2009/02/24 APPR: VKOSHY 2009/02/24					
ANGULAR TOL		±	3.0 °						
4 PLACES		±							
3 PLACES		±							
2 PLACES		±	0.1						
1 PLACE		±	0.2						
0 PLACES		±							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						D-SIZE		33481	
mo						MX150 1X2 BLADE SEALED ASSEMBLY MAT SEAL			
le									
x						PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
SD-33481-021				PSD		001		A13	
MATERIAL NUMBER				CUSTOMER				SHEET NUMBER	
SEE BOM				GENERAL MARKET				1 OF 9	

DOCUMENT STATUS	P1	RELEASE DATE	2020/09/21	14:03:56
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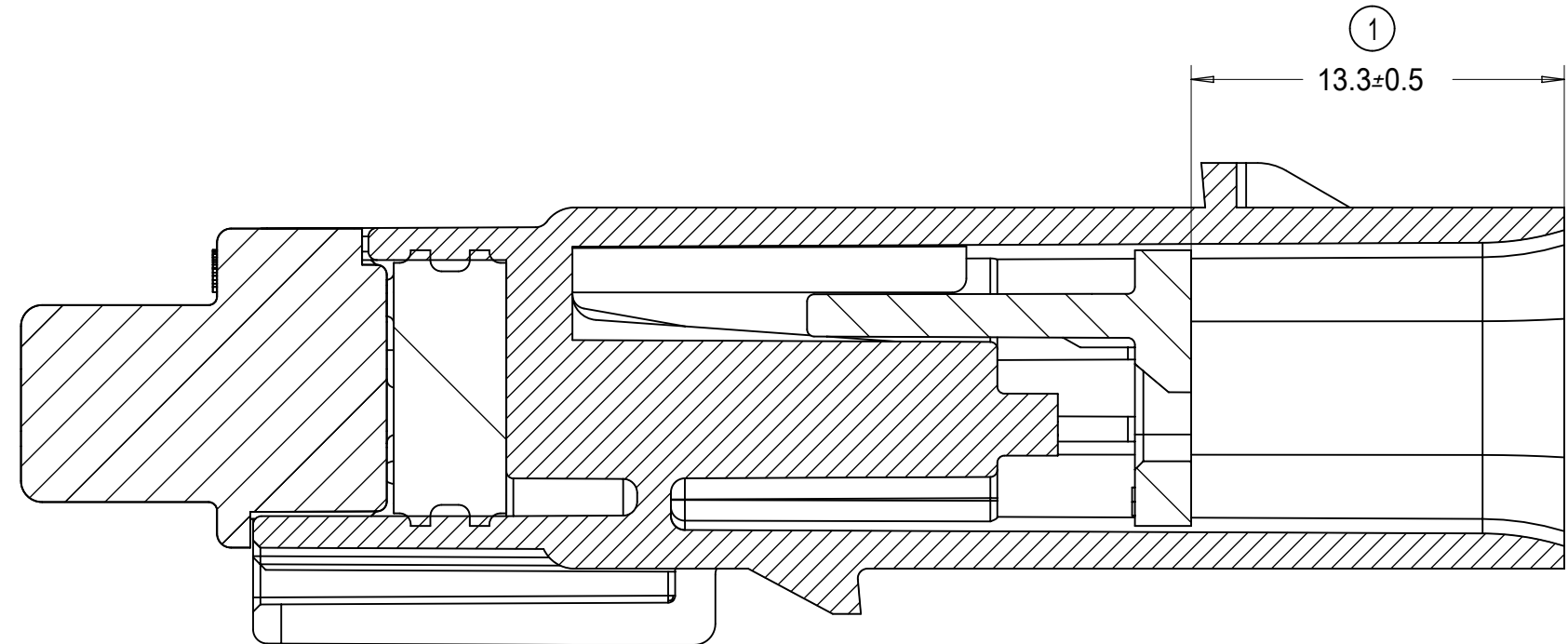
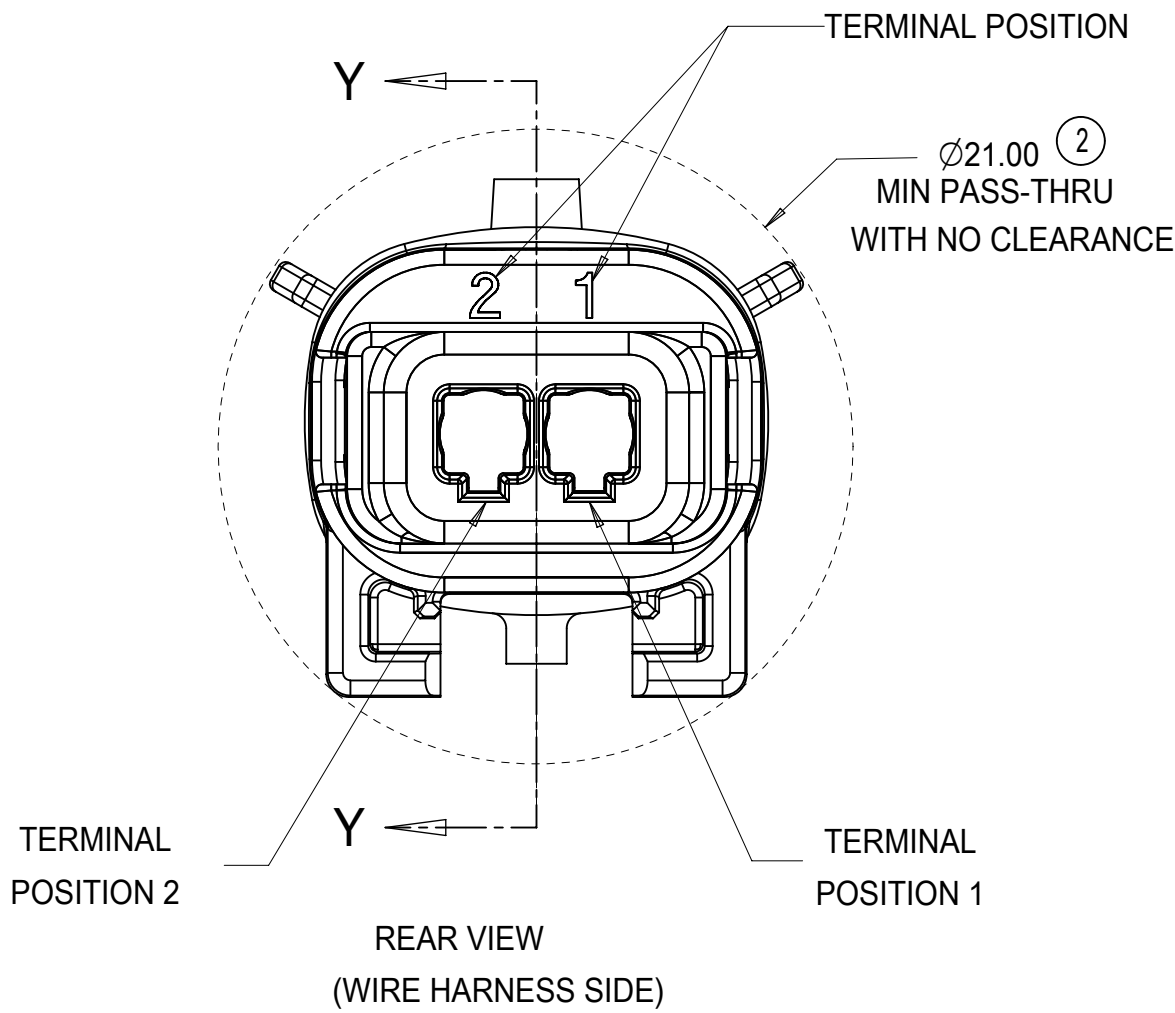


OPTIONAL LASER MARKING ON  
THIS SURFACE SEE NOTE 3g



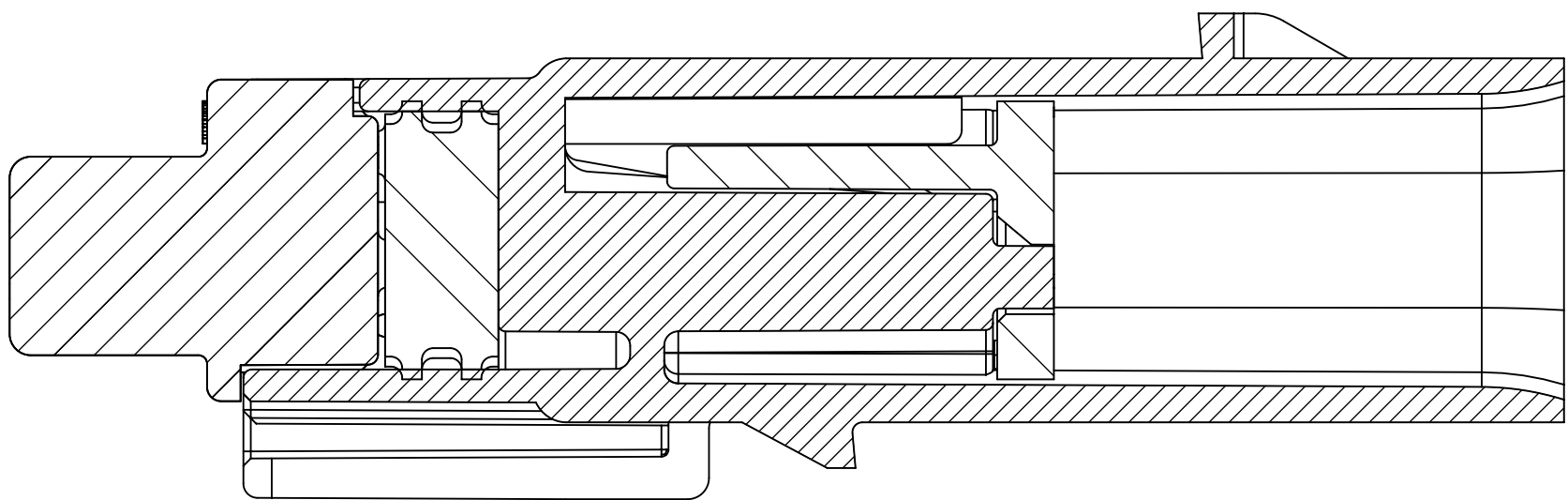
Partial X-X

BLADE SEALED ASSEMBLY





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

SECTION Z-Z



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

SECTION Y-Y

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						
mm		4:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)				<div>molex</div> <div>MX150 1X2 BLADE SEALED ASSEMBLY MAT SEAL</div>						
ANGULAR TOL		±	3.0°							
4 PLACES		±								
3 PLACES		±								
2 PLACES		±	0.1	EC NO: 645317		2020/08/07				
1 PLACE		±	0.2	DRWN: MKP						
0 PLACES		±		CHK'D: MJMITCHELL						
				APPR: MJMITCHELL		2020/09/21				
INITIAL REVISION:				PRODUCT CUSTOMER DRAWING						
				DRWN: MVANSLAMBROU		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
				APPR: VKOSHY		SD-33481-021		PSD	001	A13
2009/02/24										
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 9

**molex**

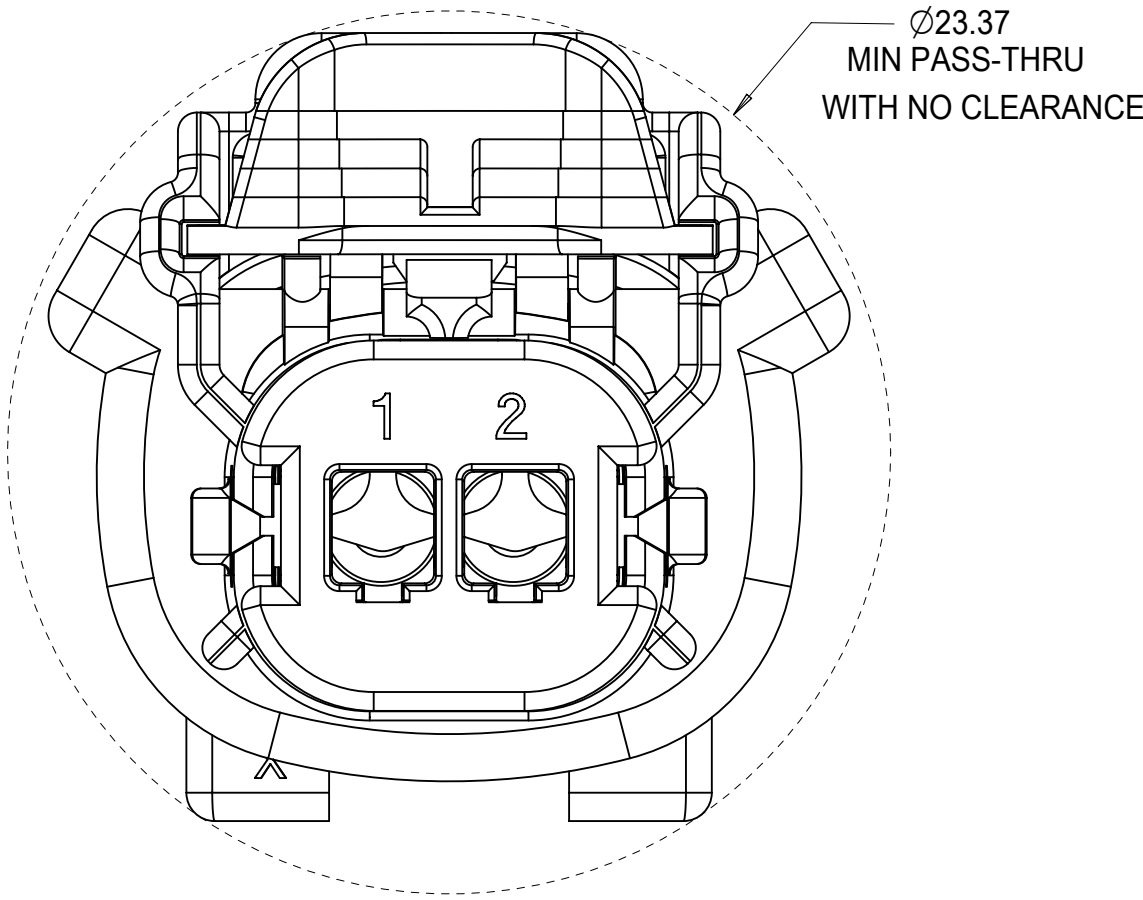
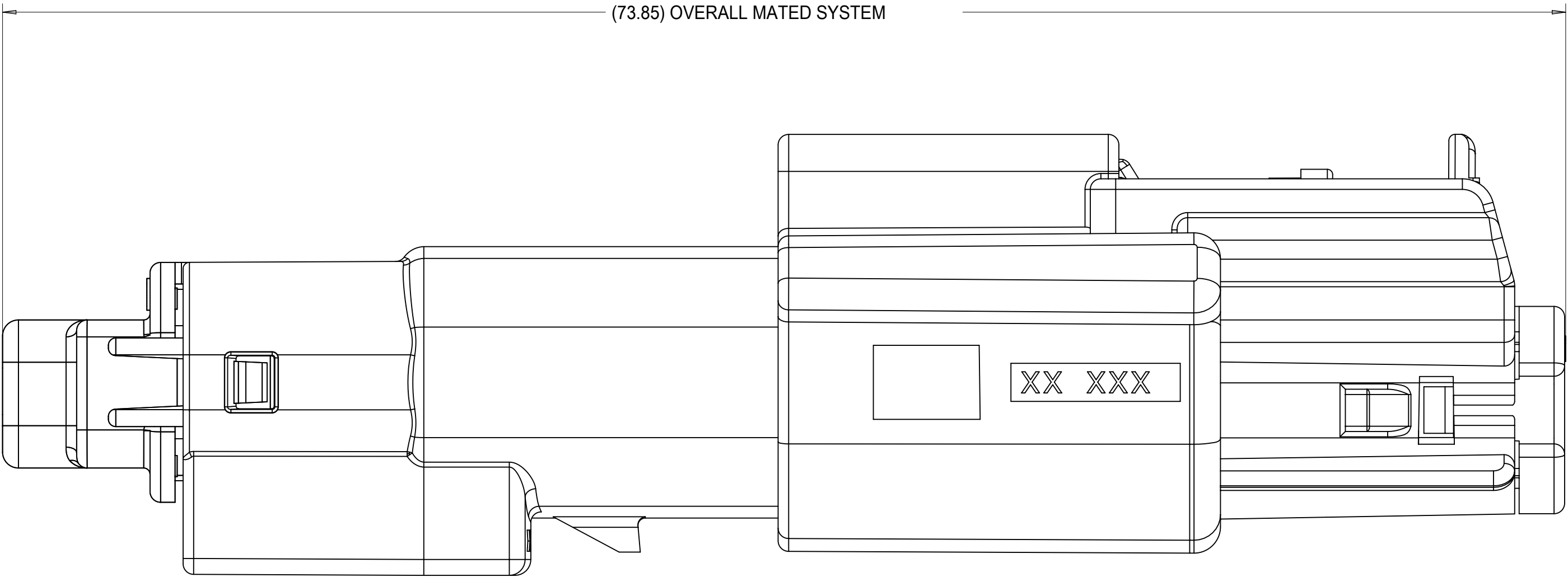
MX150 1X2 BLADE  
SEALED ASSEMBLY MAT SEAL


PRODUCT CUSTOMER DRAWING

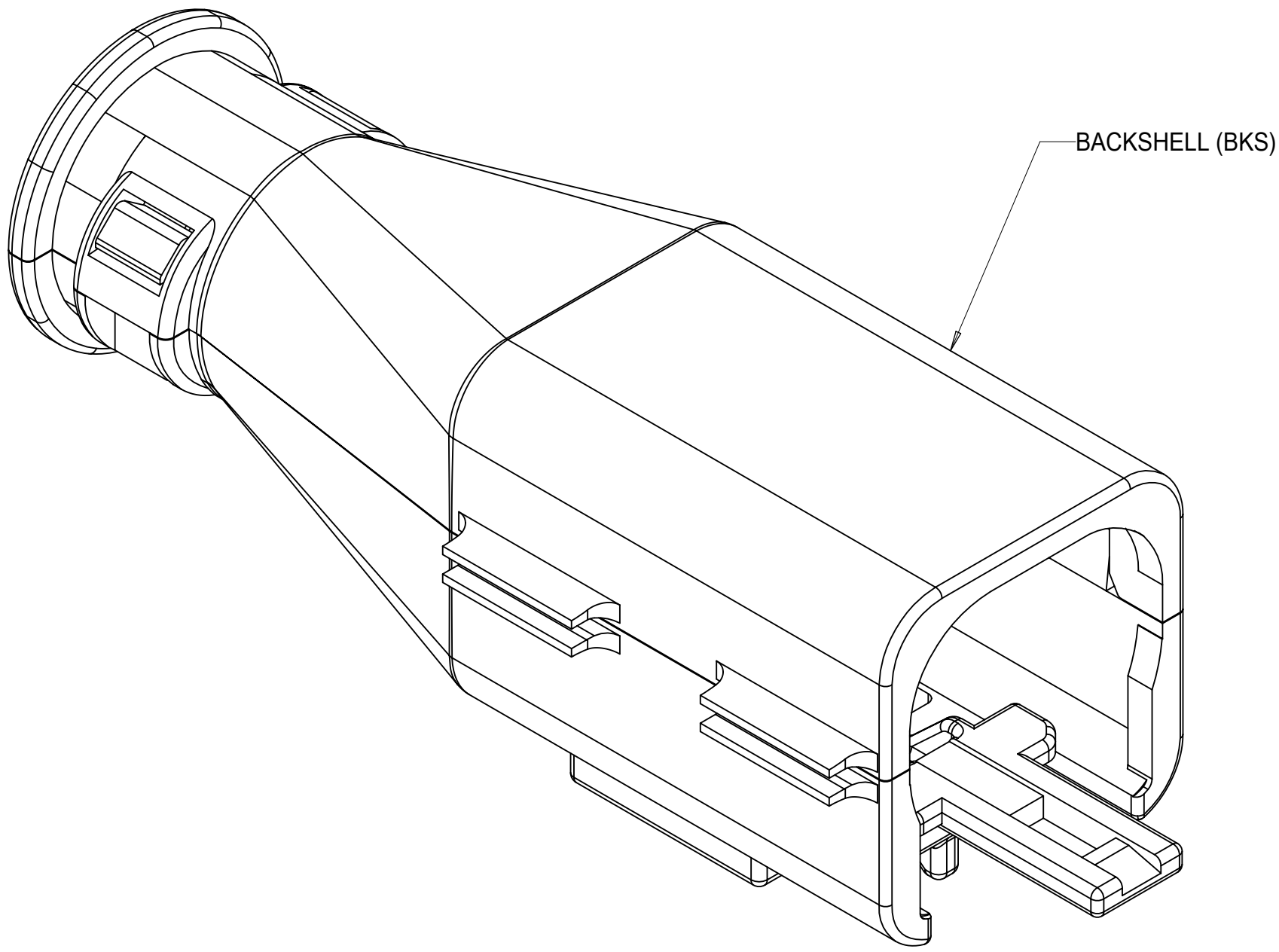
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DOCUMENT STATUS	P1	RELEASE DATE	2020/09/21	14:03:56
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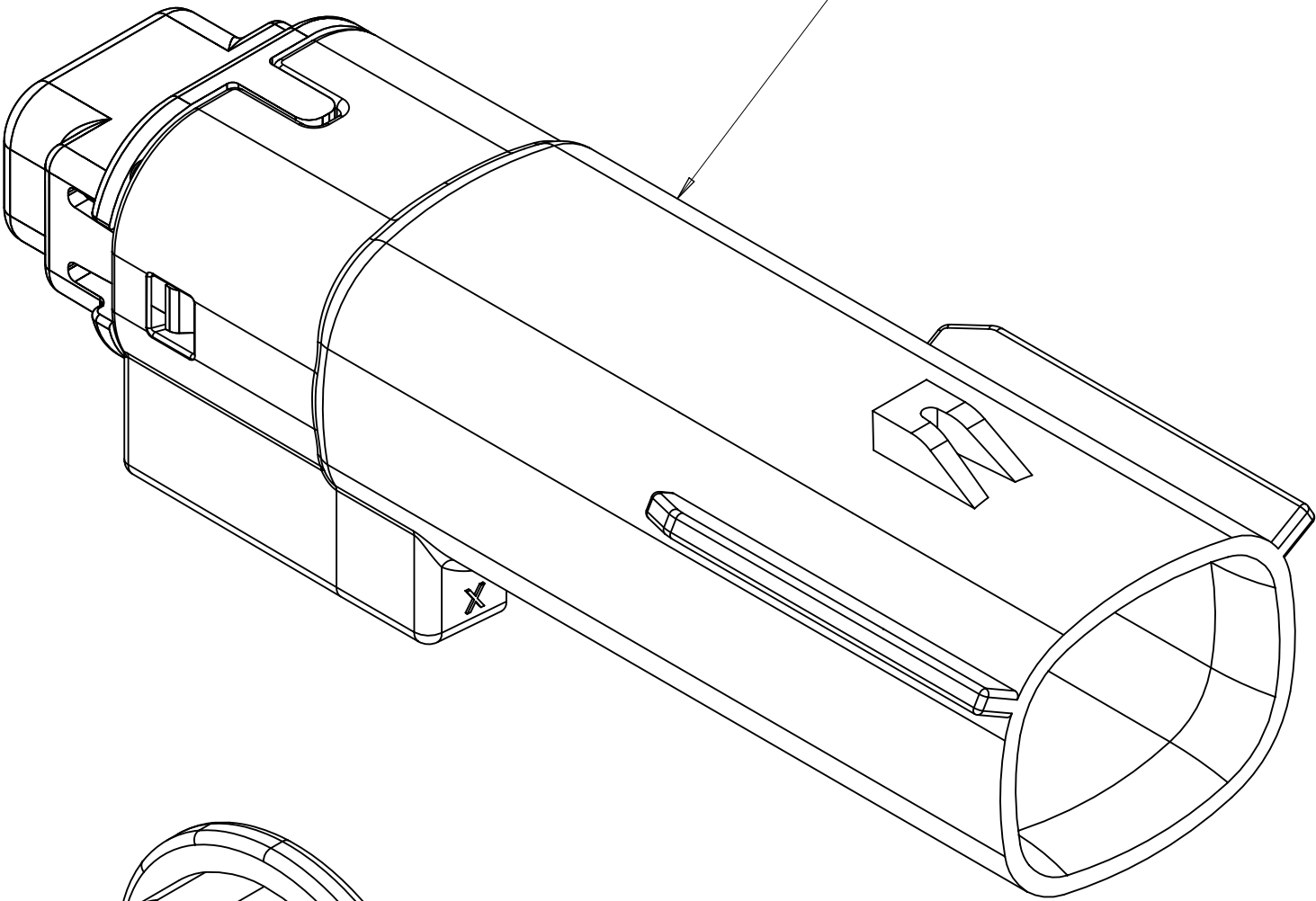
SYSTEM PACKAGING



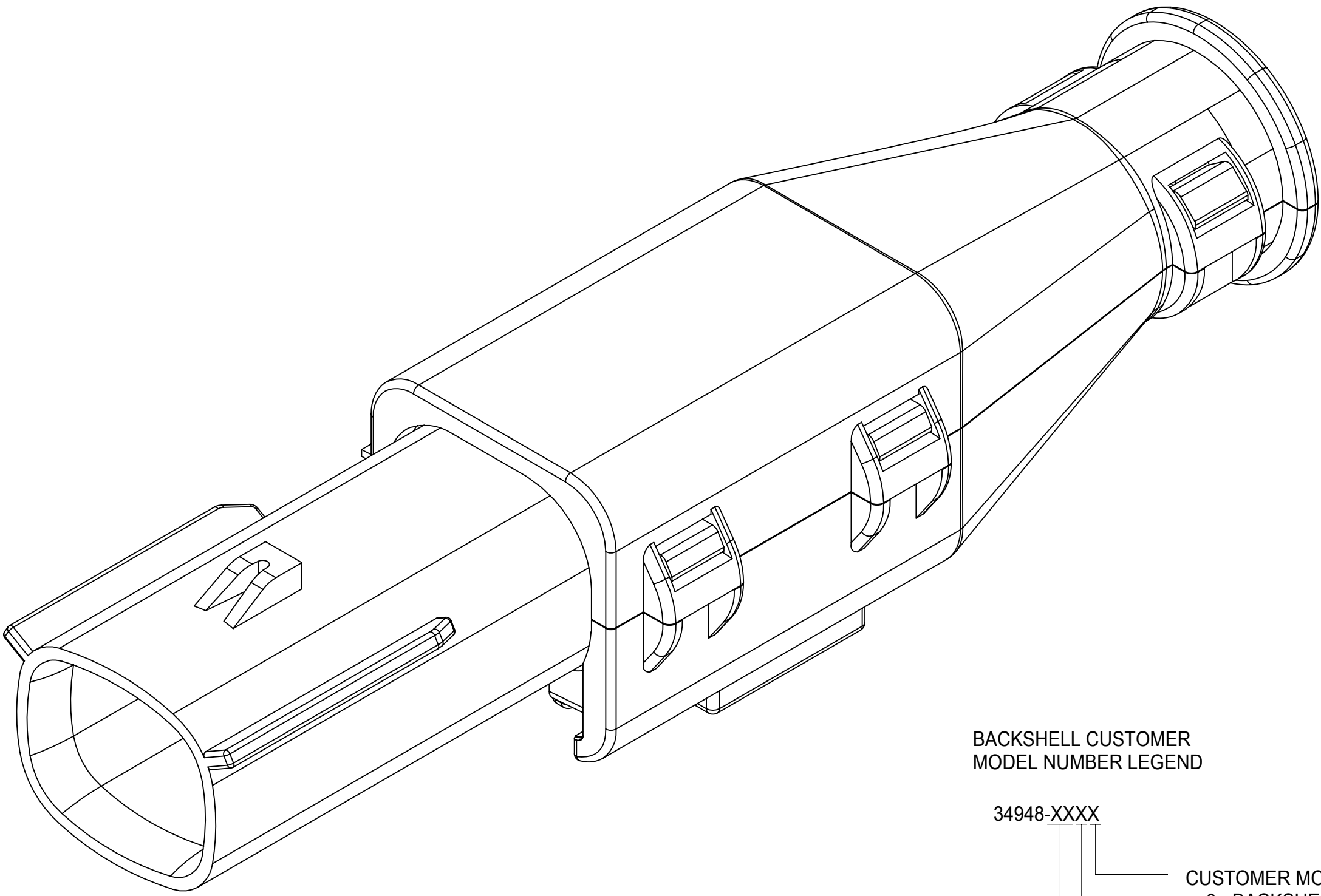
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE			<div>molex</div>									
mm		1:1														
GENERAL TOLERANCES (UNLESS SPECIFIED)							MX150 1X2 BLADE SEALED ASSEMBLY MAT SEAL									
ANGULAR TOL ± 3.0°																
4 PLACES		±														
3 PLACES		±		EC NO: 645317 DRWN: MKP 2020/08/07 CHK'D: MJMITCHELL 2020/09/21 APPR: MJMITCHELL 2020/09/21			PRODUCT CUSTOMER DRAWING									
2 PLACES		± 0.1														
1 PLACE		± 0.2														
0 PLACES		±		INITIAL REVISION: DRWN: MVANSLAMBROU 2009/02/24 APPR: VKOSHY 2009/02/24			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 					DRAWING D-SIZE		SERIES 33481		MATERIAL NUMBER SEE BOM		CUSTOMER GENERAL MARKET		SHEET NUMBER 4 OF 9	



BACKSHELL (BKS)



BLADE SEALED ASSEMBLY



BACKSHELL CUSTOMER  
MODEL NUMBER LEGEND

34948-XXXX

- CUSTOMER MODEL COMPONENTS
- 0 - BACKSHELL ONLY
  - 1 - BACKSHELL & MX150 HOUSING KEY A ASSEMBLY
  - 2 - BACKSHELL & MX150 HOUSING KEY B ASSEMBLY
  - 3 - BACKSHELL & MX150 HOUSING KEY C ASSEMBLY
  - 4 - BACKSHELL & MX150 HOUSING KEY D ASSEMBLY

- BACKSHELL FEATURES
- 1 - WITH RIBS
  - 2 - WITHOUT RIBS

MX150 CIRCUIT SIZE 02, 03, 04, 05, 06

## BACKSHELL NOTES

BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-34951-001
- DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33472-021.
  - SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
  - COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPERATELY.
  - BACKSHELL DESIGN IS OWNED BY SCHLEMMER.
  - FOR ADDITIONAL INFORMATION SEE THE BACKSHELL COMPONENT DRAWING SD-34948-0001.

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DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE				<div>molex</div> <div>MX150 1X2 BLADE SEALED ASSEMBLY MAT SEAL</div>							
mm		4:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 645317 DRWN: MKP2020/08/07 CHK'D: MJMITCHELL2020/09/21 APPR: MJMITCHELL2020/09/21 INITIAL REVISION: DRWN: MVANSLAMBROU2009/02/24 APPR: VKOSHY2009/02/24											
ANGULAR TOL ± 3.0°															
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.1													
1 PLACE		± 0.2													
0 PLACES		±													
<div>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</div>				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER					
						D-SIZE		33481		SEE BOM					
										CUSTOMER					
										GENERAL MARKET					
										SHEET NUMBER					
										5 OF 9					
PRODUCT CUSTOMER DRAWING								DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
								SD-33481-021		PSD		001		A13	

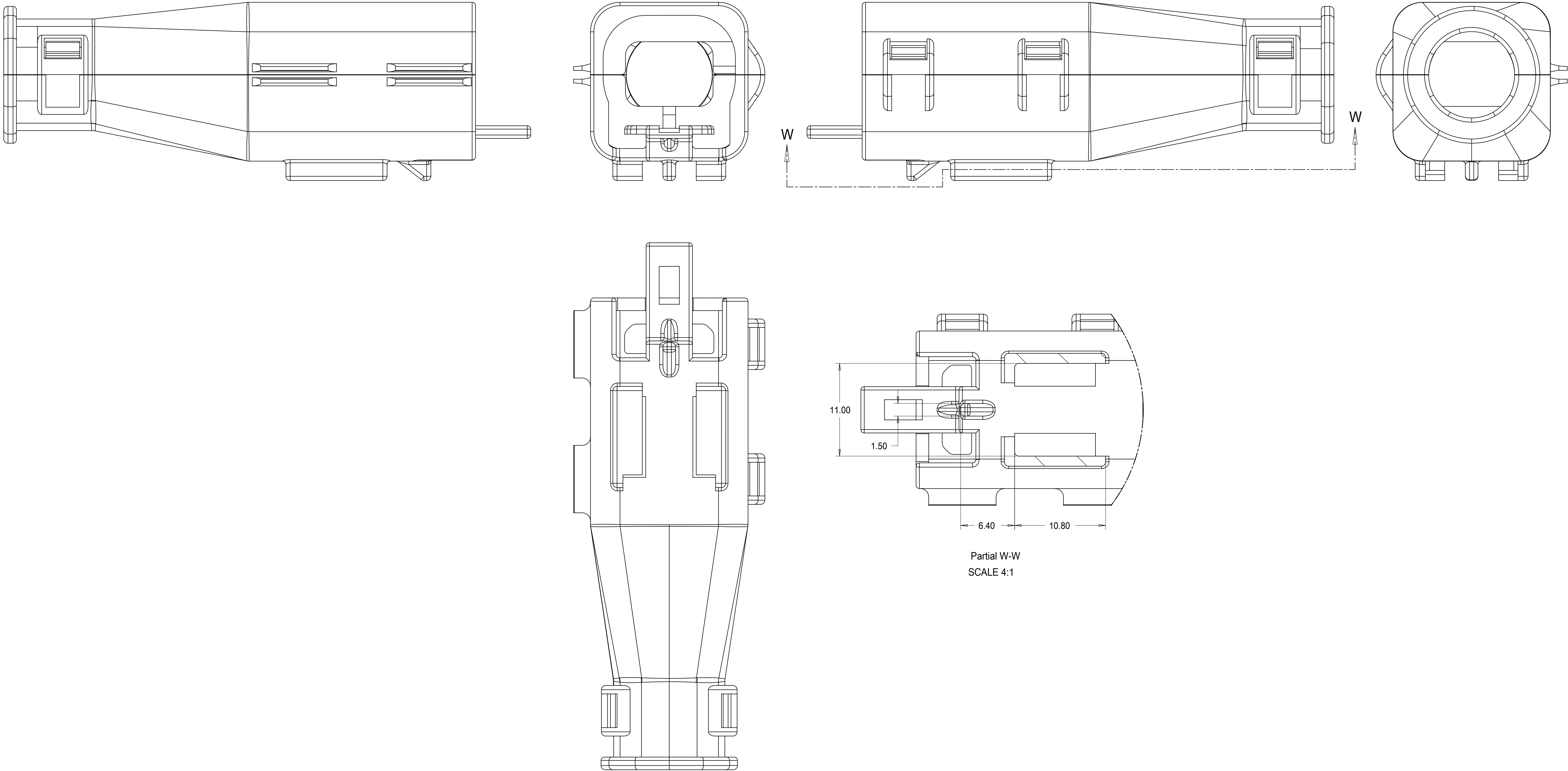
**molex**

MX150 1X2 BLADE  
SEALED ASSEMBLY MAT SEAL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-33481-021	PSD	001	A13

BACKSHELL  
THE VIEWS ON THIS SHEET ARE  
IN THE CLOSED UN-ASSEMBLED POSITION



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DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE				<div>molex</div>		
mm		4:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)										
ANGULAR TOL ± 3.0 °										
4 PLACES		±								
3 PLACES		±		EC NO: 645317		2020/08/07		MX150 1X2 BLADE SEALED ASSEMBLY MAT SEAL		
2 PLACES		± 0.1		DRWN: MKP		2020/09/21				
1 PLACE		± 0.2		CHK'D: MJMITCHELL		2020/09/21				
0 PLACES		±		APPR: MJMITCHELL		2020/09/21		PRODUCT CUSTOMER DRAWING		
INITIAL REVISION: DRWN: MVANSLAMBROU 2009/02/24 APPR: VKOSHY 2009/02/24				DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION	
				SD-33481-021			PSD	001	A13	
				MATERIAL NUMBER			CUSTOMER		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	SEE BOM	GENERAL MARKET	6 OF 9
						D-SIZE 33481				

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DOCUMENT STATUS

P1

RELEASE DATE

2020/09/21

14:03:56

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D

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B

A

KEY A, YELLOW	33481-0210				A	GCO						NOT RECOMMENDED		34948-0210	34948-0220										
KEY A, BLACK	33481-0209	A						GCP2		2	PLANNED OBSOLESCENCE			34948-0210	34948-0220										
KEY D, STONE GRAY	33481-0208			D			GCP		1	2	PLANNED OBSOLESCENCE			34948-0210	34948-0220										
KEY C, DARK GRAY	33481-0207			C			GCP		1	2	PLANNED OBSOLESCENCE			34948-0210	34948-0220										
KEY B, LIGHT GRAY	33481-0206		B				GCP		1	2	PLANNED OBSOLESCENCE			34948-0210	34948-0220										
KEY A, BLACK	33481-0205	A					GCP		1	2	NOT RECOMMENDED			34948-0210	34948-0220										
KEY D, STONE GRAY	33481-0204			D		GCO					PLANNED OBSOLESCENCE			34948-0210	34948-0220										
KEY C, DARK GRAY	33481-0203			C		GCO					NOT RECOMMENDED			34948-0210	34948-0220										
KEY B, LIGHT GRAY	33481-0202		B			GCO					NOT RECOMMENDED			34948-0210	34948-0220										
KEY A, BLACK	33481-0201	A				GCO					NOT RECOMMENDED			34948-0210	34948-0220										
ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBERS	A	B	C	D	A	GCO	GCP	GCP2	1	2	STATUS	COMMENTS	BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS										
										BLOCKED TERMINAL															
										CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION															
										CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION															
										MAT SEAL			RUST RED	INHERENTLY LUBRICATED SILICONE											
										PLR			NATURAL	SPS/NYLON GF20											
										GROMMET CAP (CAVITY 2 PLUGGED)			BLACK	SPS/NYLON GF20											
										GROMMET CAP (PLUGGED)			BLACK	SPS/NYLON GF20											
										GROMMET CAP (OPEN)			BLACK	SPS/NYLON GF20											
										HOUSING - KEYING OPTION A			YELLOW	SPS/NYLON GF20											
										HOUSING - KEYING OPTION D			STONE GRAY	SPS/NYLON GF20											
										HOUSING - KEYING OPTION C			DARK GRAY	SPS/NYLON GF20											
										HOUSING - KEYING OPTION B			LIGHT GRAY	SPS/NYLON GF20											
HOUSING - KEYING OPTION A			BLACK	SPS/NYLON GF20																					
DESCRIPTION			COLOR	MATERIAL																					
BOM/APPLICABLE COMPONENTS TABLE																									

LEGEND TABLE	
ABBREVIATION	COMPONENT
A	HOUSING KEY A
B	HOUSING KEY B
C	HOUSING KEY C
D	HOUSING KEY D
GCO	GROMMET CAP (OPEN)
GCP	GROMMET CAP (PLUGGED)
GCP2	GROMMET CAP (CAVITY 2 PLUGGED)
P	PLR, STANDARD
M	MAT SEAL
BKS	BACKSHELL

DOCUMENT STATUS	P1	RELEASE DATE	2020/09/21	14:03:56
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DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE				<div>molex</div>				
mm		1:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				MX150 1X2 BLADE SEALED ASSEMBLY MAT SEAL								
ANGULAR TOL ± 3.0 °												
4 PLACES		±		EC NO: 645317				PRODUCT CUSTOMER DRAWING				
3 PLACES		±		DRWN: MKP 2020/08/07								
2 PLACES		± 0.1		CHK'D: MJMITCHELL 2020/09/21								
1 PLACE		± 0.2		APPR: MJMITCHELL 2020/09/21				DOCUMENT NUMBER <div>SD-33481-021</div>				
0 PLACES		±		INITIAL REVISION:								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: MYVANSLAMBROU 2009/02/24				PSD		001		A13
				APPR: VKOSHY 2009/02/24								
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				D-SIZE		33481		SEE BOM		GENERAL MARKET		8 OF 9



KEY A, YELLOW	33481-2210					A	GCO							SALEABLE		34948-0210	34948-0220						
KEY A, BLACK	33481-2209	A							GCP2		2			SALEABLE		34948-0210	34948-0220						
KEY D, STONE GRAY	33481-2208				D			GCP		1	2			SALEABLE		34948-0210	34948-0220						
KEY C, DARK GRAY	33481-2207			C				GCP		1	2			SALEABLE		34948-0210	34948-0220						
KEY B, LIGHT GRAY	33481-2206		B					GCP		1	2			SALEABLE		34948-0210	34948-0220						
KEY A, BLACK	33481-2205	A						GCP		1	2			SALEABLE		34948-0210	34948-0220						
KEY D, STONE GRAY	33481-2204				D		GCO							SALEABLE		34948-0210	34948-0220						
KEY C, DARK GRAY	33481-2203			C			GCO							SALEABLE		34948-0210	34948-0220						
KEY B, LIGHT GRAY	33481-2202		B				GCO							SALEABLE		34948-0210	34948-0220						
KEY A, BLACK	33481-2201	A					GCO							SALEABLE		34948-0210	34948-0220						
ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBERS	A	B	C	D	A	GCO	GCP	GCP2	1	2	STATUS	COMMENTS	BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS								
										BLOCKED TERMINAL													
										CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION												OPTIONAL ATTACHMENTS	
										CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION												SOLD SEPARATELY	
										MAT SEAL												GREEN	INHERENTLY LUBRICATED SILICONE
										PLR												NATURAL	SPS/NYLON GF20
										GROMMET CAP (CAVITY 2 PLUGGED)												BLACK	SPS/NYLON GF20
										GROMMET CAP (PLUGGED)												BLACK	SPS/NYLON GF20
										GROMMET CAP (OPEN)												BLACK	SPS/NYLON GF20
HOUSING - KEYING OPTION A												YELLOW	SPS/NYLON GF20										
HOUSING - KEYING OPTION D												STONE GRAY	SPS/NYLON GF20										
HOUSING - KEYING OPTION C												DARK GRAY	SPS/NYLON GF20										
HOUSING - KEYING OPTION B												LIGHT GRAY	SPS/NYLON GF20										
HOUSING - KEYING OPTION A												BLACK	SPS/NYLON GF20										
										DESCRIPTION		COLOR	MATERIAL										
														BOM/APPLICABLE COMPONENTS TABLE									

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DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

ANGULAR TOL ± 3.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.1

1 PLACE ± 0.2

0 PLACES ±

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

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

2020/08/07  
2020/09/21  
2020/09/21

INITIAL REVISION:  
DRWN: MVANSLAMBROU  
APPR: VKOSHY

2009/02/24  
2009/02/24

THIRD ANGLE PROJECTION

DRAWING

D-SIZE

SERIES

33481

DOCUMENT NUMBER

SD-33481-021

DOC TYPE

PSD

DOC PART

001

REVISION

A13

MATERIAL NUMBER

SEE BOM

CUSTOMER

GENERAL MARKET

SHEET NUMBER

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DOCUMENT STATUS

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