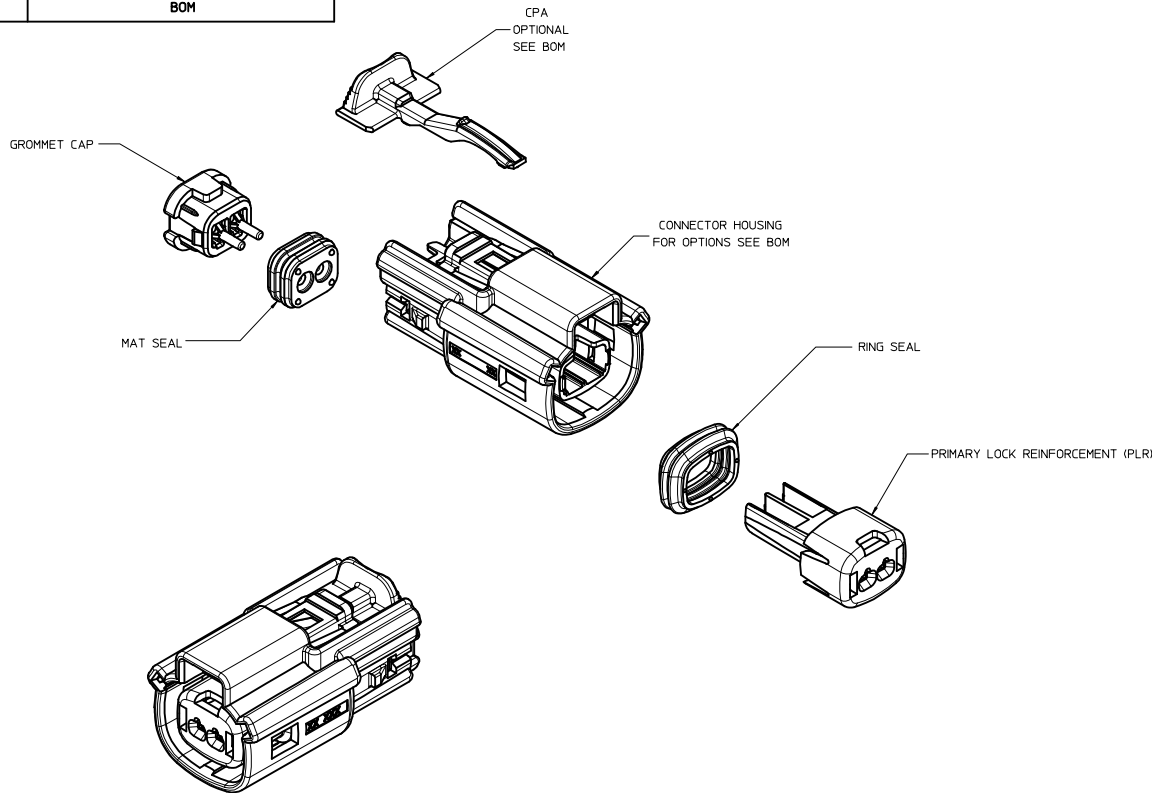


TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	KEY CONFIGURATIONS
3	RECEPTACLE SEALED ASSEMBLY
4	BACKSHELL NOTES
5	BACKSHELL
6	BACKSHELL CONFIGURATIONS
7	BOM



NOTES: VALID UNLESS OTHERWISE SPECIFIED

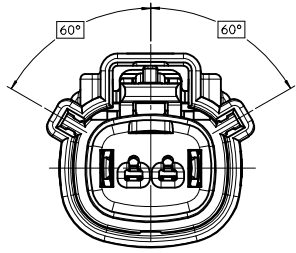
1. GENERAL:
  - a. APPLICATION SPECIFICATION SEE: AS-33472-100
    - CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING AND TROUBLESHOOTING.
    - DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN DRAWING EWCAP 150-5-002-1-Z05, AVAILABLE AT <http://ewcap.uscarteams.org/>.
    - DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY AS SPECIFIED IN DRAWING SD-33481-021
    - FOR 15mm RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY. SEE MOLEX DRAWING SD-33012-002.
    - SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2 mm TO 2.69 mm.
    - ASSEMBLY SHIPPED WITH PLR AND CPA IN PRE-LOCK POSITION (SEE SECTION Z-Z PRE-LOCK).
    - 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: ENGAGEMENT FORCE TO MOVE CPA FROM PRE-LOCK TO FINAL LOCK POSITION WHEN UNMATED: 40N MIN. DISENGAGEMENT FORCE TO MOVE CPA FROM FINAL LOCK TO PRE-LOCK POSITION: 3N MIN, 40N MAX. 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 ISO1715
  - d. CORNERS SHOWN AS SHARP TO BE 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: 5  
 ADDED:  
 REMOVED:

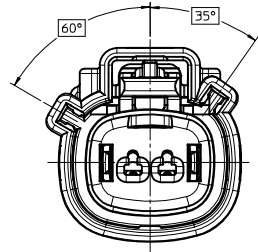
REV	DESCRIPTION
C11	ADD NEW P/N 33471-0224
C10	ADD NEW P/N 33471-0223
C9	UPDATED VIEWSET & NOTES
C8	RENAMED BACKSHELLS
C7	UPDATED CONFIGURATIONS SHEET 3
C6	UPDATED PACKAGING SPECIFICATION
C5	UPDATED GROMMET CAP CALLOUT
C4	REDRAWN, ADDED BACKSHELL

ENTER DESCRIPTION DEC NO: UAU2014-1876 DRAWN BY: 2014/06/06 CHKD: APPR: VKOSHY 2014/06/19 C11	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>+0.15</td> <td>+0.006</td> </tr> <tr> <td>3 PLACES</td> <td>+0.10</td> <td>+0.004</td> </tr> <tr> <td>2 PLACES</td> <td>+0.10</td> <td>+0.004</td> </tr> <tr> <td>1 PLACE</td> <td>+0.2</td> <td>+0.008</td> </tr> <tr> <td>0 PLACE</td> <td>+0.15</td> <td>+0.006</td> </tr> </tbody> </table> ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	+0.15	+0.006	3 PLACES	+0.10	+0.004	2 PLACES	+0.10	+0.004	1 PLACE	+0.2	+0.008	0 PLACE	+0.15	+0.006	DIMENSION STYLE MM ONLY DRAWN BY: SVERZYL DATE: 06/17/08 CHECKED BY: DGRIFITHS DATE: 06/18/08 APPROVED BY: VKOSHY DATE: 2010/11/04	SCALE: 3:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	MATERIAL NO.: SEE BOM DOCUMENT NO.: SD-33471-021 SHEET NO.: 1 OF 7
		mm	INCH																				
	4 PLACES	+0.15	+0.006																				
	3 PLACES	+0.10	+0.004																				
2 PLACES	+0.10	+0.004																					
1 PLACE	+0.2	+0.008																					
0 PLACE	+0.15	+0.006																					
TITLE: MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL																							
molex																							
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							

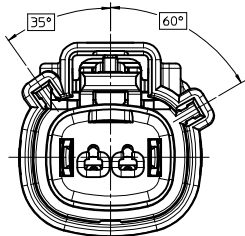
KEY CONFIGURATIONS



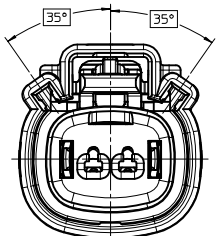
KEY A



KEY B

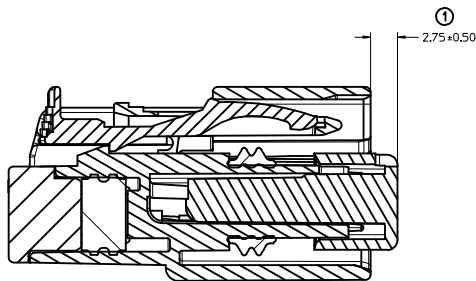
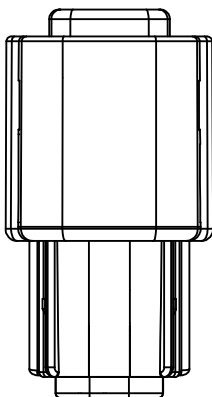
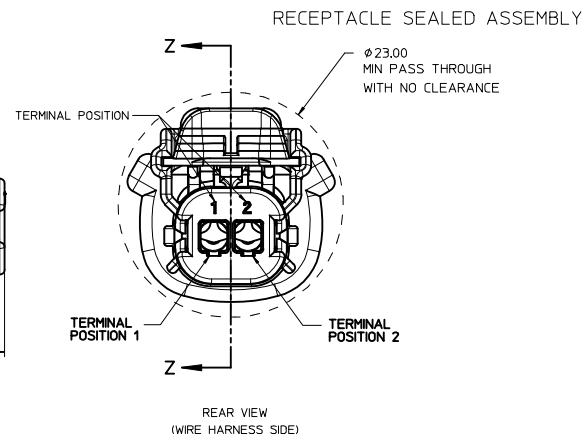
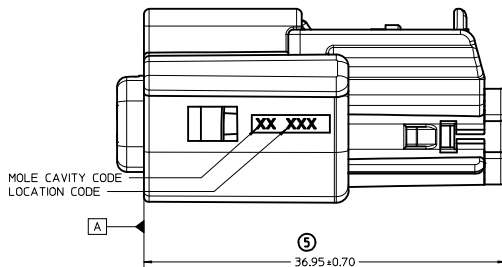
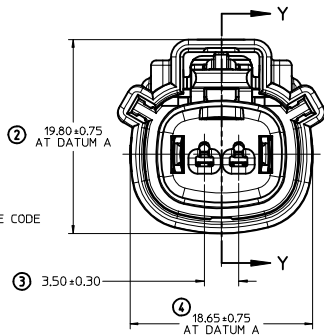
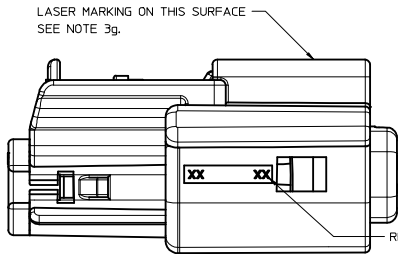


KEY C



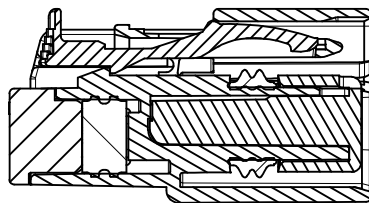
KEY D

<b>ENTER DESCRIPTION</b> IEC NO: UAU2014-1876 DRAWN BY: 2014/06/06 CHKD: VKOSHY APPR: VKOSHY 2014/06/19 REV: DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DIMENSION STYLE MM ONLY DRAWN BY: DATE SVERZYL 06/17/08 CHECKED BY: DATE DGRIFITHS 06/18/08 APPROVED BY: DATE VKOSHY 2010/11/04		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL <b>molex</b>		MATERIAL NO. SEE BOM	DOCUMENT NO. SD-33471-021	SHEET NO. 2 OF 7
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	SIZE D													
	C11													



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

SECTION Z-Z

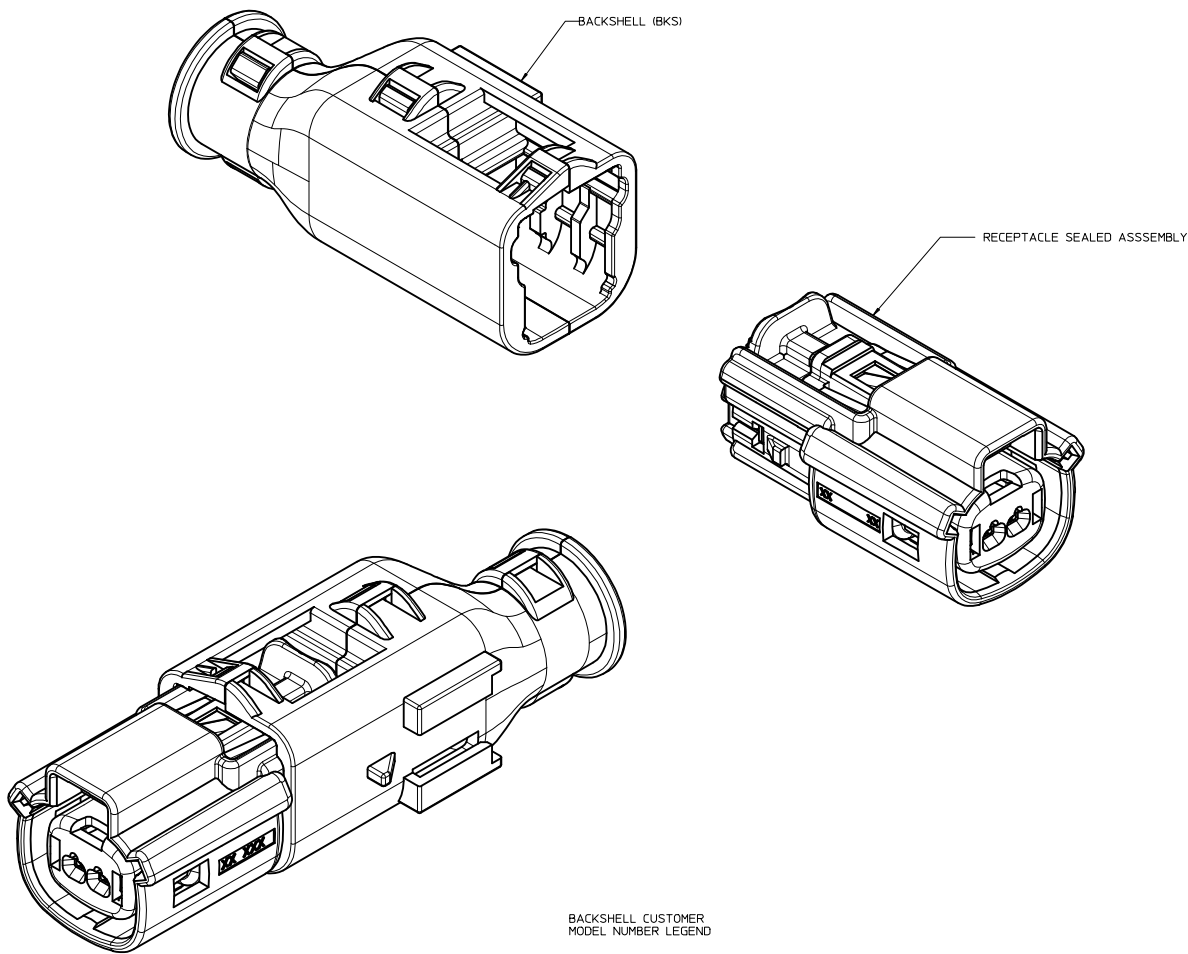


PRIMARY LOCK REINFORCEMENT (PLR) SHOWN  
IN FINAL-LOCK POSITION

SECTION Y-Y

<b>ENTER DESCRIPTION</b> IEC NO: UAU2014-1876 DRAWN BY: 2014/06/06 CHKD: APPR:VKOSHY 2014/06/19 C11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	∇=0 ∇=0 ∇=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± ---	MM ONLY	4:1	METRIC	DRAWN BY: SVERZYL CHECKED BY: DGRIFITHS APPROVED BY: VKOSHY DATE: 06/17/08 DATE: 06/18/08 DATE: 2010/11/04	TITLE: MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex
	ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	SEE BOM	DOCUMENT NO.	SD-33471-021	SHEET NO.	3 OF 7
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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-33471-021.
- SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
- COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPARATELY.
- BACKSHELL DESIGN IS OWNED BY SCHLEMMER.
- FOR ADDITIONAL INFORMATION SEE THE BACKSHELL COMPONENT DRAWING SD-34949-0001.

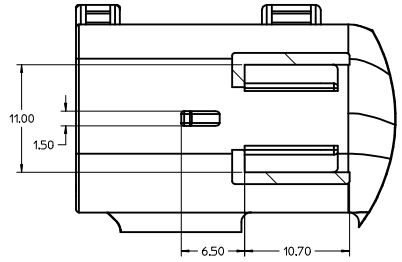
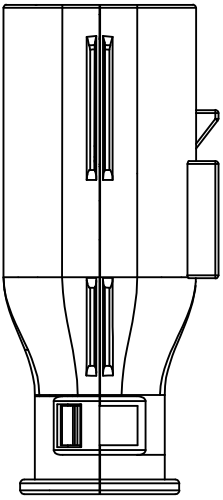
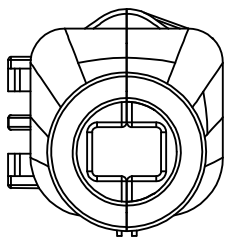
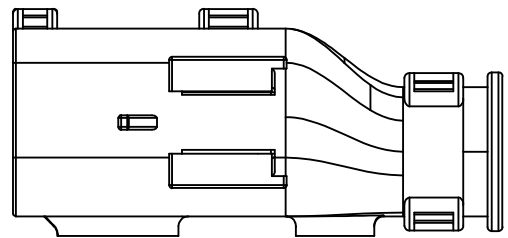
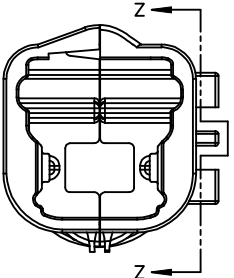
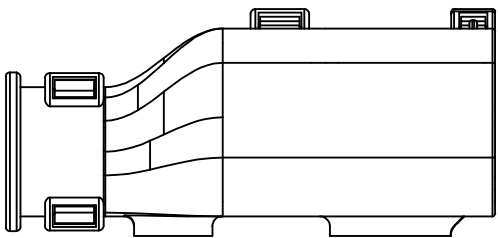
BACKSHELL CUSTOMER MODEL NUMBER LEGEND

34949-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

ENTER DESCRIPTION IEC NO. UAU2014-1876 DRAWN BY CHKD: APPR:VKOSHY 2014/06/06 2014/06/19 C11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	SVERZYL 06/17/08	MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL		
	2 PLACES ± 0.10 ± ---	CHECKED BY DATE	molex			
	1 PLACE ± 0.2 ± ---	DGRIFITHS 06/18/08	DOCUMENT NO.			
	0 PLACE ± --- ± ---	APPROVED BY DATE	SD-33471-021			
	ANGULAR ± 3 °	VKOSHY 2010/11/04	SHEET NO.			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	4 OF 7			
		SEE BOM	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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

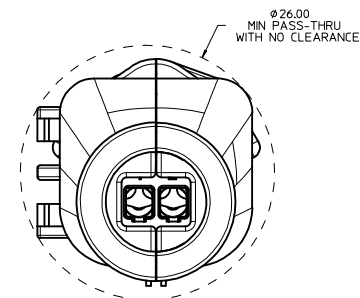
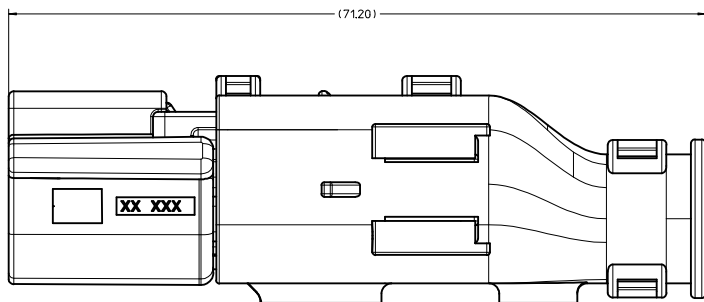


Partial Z-Z  
 SCALE 4:1

<b>ENTER DESCRIPTION</b> IEC NO: UAU2014-4876 DRAWN BY: 2014/06/06 CHKD: APPR: VKOSHY 2014/06/19 DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± ---	MM ONLY	4:1	METRIC	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ± 3° MATERIAL NO. SEE BOM DATE 06/17/08 DATE 06/18/08 DATE 2010/11/04	DRAWN BY: SVERZYL CHECKED BY: DGRIFITHS APPROVED BY: VKOSHY	TITLE: MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL <b>molex</b>	DOCUMENT NO. SD-33471-021	SHEET NO. 5 OF 7
	SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

BACKSHELL CONFIGURATIONS



RECEPTACLE SEALED ASSEMBLY WITH RECEPTACLE BACKSHELL

<b>ENTER DESCRIPTION</b> IEC NO: UAU2014-4876 DRAWN BY: 2014/06/06 CHKD: VKOSHY APPR: VKOSHY 2014/06/19 REVISIONS C11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± mm ± INCH	MM ONLY	4:1	METRIC	☉
	▽=0	3 PLACES ± 0.10	DRAWN BY: SVERZYL DATE: 06/17/08	TITLE: MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL		
	▽=0	2 PLACES ± 0.2	CHECKED BY: DGRIFITHS DATE: 06/18/08			
	ANGULAR ± 3°	1 PLACE ±	APPROVED BY: VKOSHY DATE: 2010/11/04	DOCUMENT NO. SD-33471-021		SHEET NO. 6 OF 7
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	0 PLACE ±	MATERIAL NO. SEE BOM	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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

(C11)	KEY A W/CPA, BLACK	33471-0224	A					GCP	CPA		2	SALEABLE		34949-0210	34949-0220	
	KEY A W/CPA, YELLOW	33471-0223				A	GCO		CPA			SALEABLE		34949-0210	34949-0220	
	KEY A, BLACK	33471-0222	A					GCP			2	SALEABLE		34949-0210	34949-0220	
	KEY A, BLACK	33471-0221	A					GCP		1	2	SALEABLE		34949-0210	34949-0220	
	KEY D W/CPA, STONE GRAY	33471-0217			D			GCP	CPA	1		SALEABLE		34949-0210	34949-0220	
	KEY C W/CPA, DARK GRAY	33471-0216			C			GCP	CPA	1		SALEABLE		34949-0210	34949-0220	
	KEY B W/CPA, LIGHT GRAY	33471-0215		B				GCP	CPA	1		SALEABLE		34949-0210	34949-0220	
	KEY A W/CPA, BLACK	33471-0214	A					GCP	CPA	1		SALEABLE		34949-0210	34949-0220	
	KEY D, STONE GRAY	33471-0213			D			GCP		1		SALEABLE		34949-0210	34949-0220	
	KEY C, DARK GRAY	33471-0212			C			GCP		1		SALEABLE		34949-0210	34949-0220	
	KEY B, LIGHT GRAY	33471-0211		B				GCP		1		SALEABLE		34949-0210	34949-0220	
	KEY A, BLACK	33471-0210	A					GCP		1		SALEABLE		34949-0210	34949-0220	
	KEY D W/CPA, STONE GRAY	33471-0209			D	GCO			CPA			SALEABLE		34949-0210	34949-0220	
	KEY C W/CPA, DARK GRAY	33471-0208			C	GCO			CPA			SALEABLE		34949-0210	34949-0220	
	KEY B W/CPA, LIGHT GRAY	33471-0207			B	GCO			CPA			SALEABLE		34949-0210	34949-0220	
	KEY A W/CPA, BLACK	33471-0206	A			GCO			CPA			SALEABLE		34949-0210	34949-0220	
	KEY D, STONE GRAY	33471-0204			D	GCO						SALEABLE		34949-0210	34949-0220	
	KEY C, DARK GRAY	33471-0203			C	GCO						SALEABLE		34949-0210	34949-0220	
	KEY B, LIGHT GRAY	33471-0202			B	GCO						SALEABLE		34949-0210	34949-0220	
	KEY A, BLACK	33471-0201	A			GCO						SALEABLE		34949-0210	34949-0220	
	ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	A	B	C	D	A	GCO	GCP	CPA	1	2	STATUS	COMMENTS	BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
	BLOCKED TERMINAL															
	CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION												OPTIONAL ATTACHMENTS SOLD SEPERATLEY			
	CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION															

MAT SEAL	ROYAL BLUE	INHERENTLY LUBRICATED SILICONE
RING SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE
PLR	NATURAL	SPS/NYLON GF20
CPA	RED	PBT 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

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, CLOSED
M	MAT SEAL
R	RING SEAL
P	PLR, STANDARD
CPA	CPA
BKS	BACKSHELL

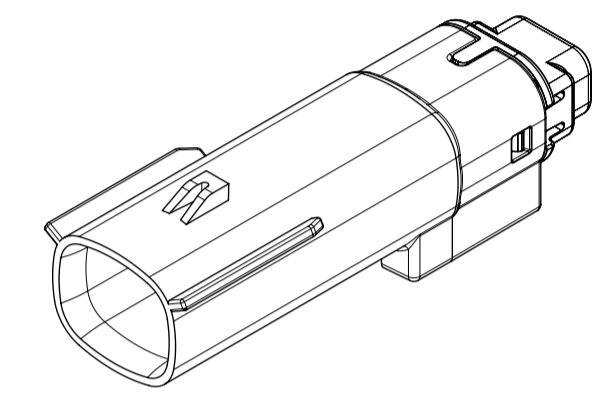
<b>ENTER DESCRIPTION</b> ELEC NO: UAU2014-1876 DRAWN BY: CHKO APPR: VKOSHY 2014/06/19 2014/06/19 C11	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ±.000 ±.000 3 PLACES ±.000 ±.000 2 PLACES ±0.10 ±.000 1 PLACE ±0.2 ±.000 0 PLACE ±.000 ±.000	DIMENSION STYLE MM ONLY	SCALE DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	DRAWN BY: SVERZYL DATE: 06/17/08 CHECKED BY: DGRIFITHS DATE: 06/18/08 APPROVED BY: VKOSHY DATE: 2010/11/04		TITLE MX150 1X2 RECEPTACLE SEALED ASSEMBLY MAT SEAL		
	MATERIAL NO. SEE BOM		DOCUMENT NO. SD-33471-021		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 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

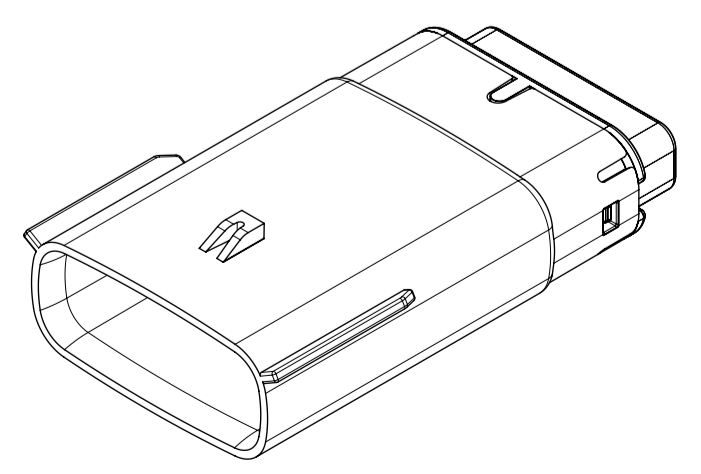
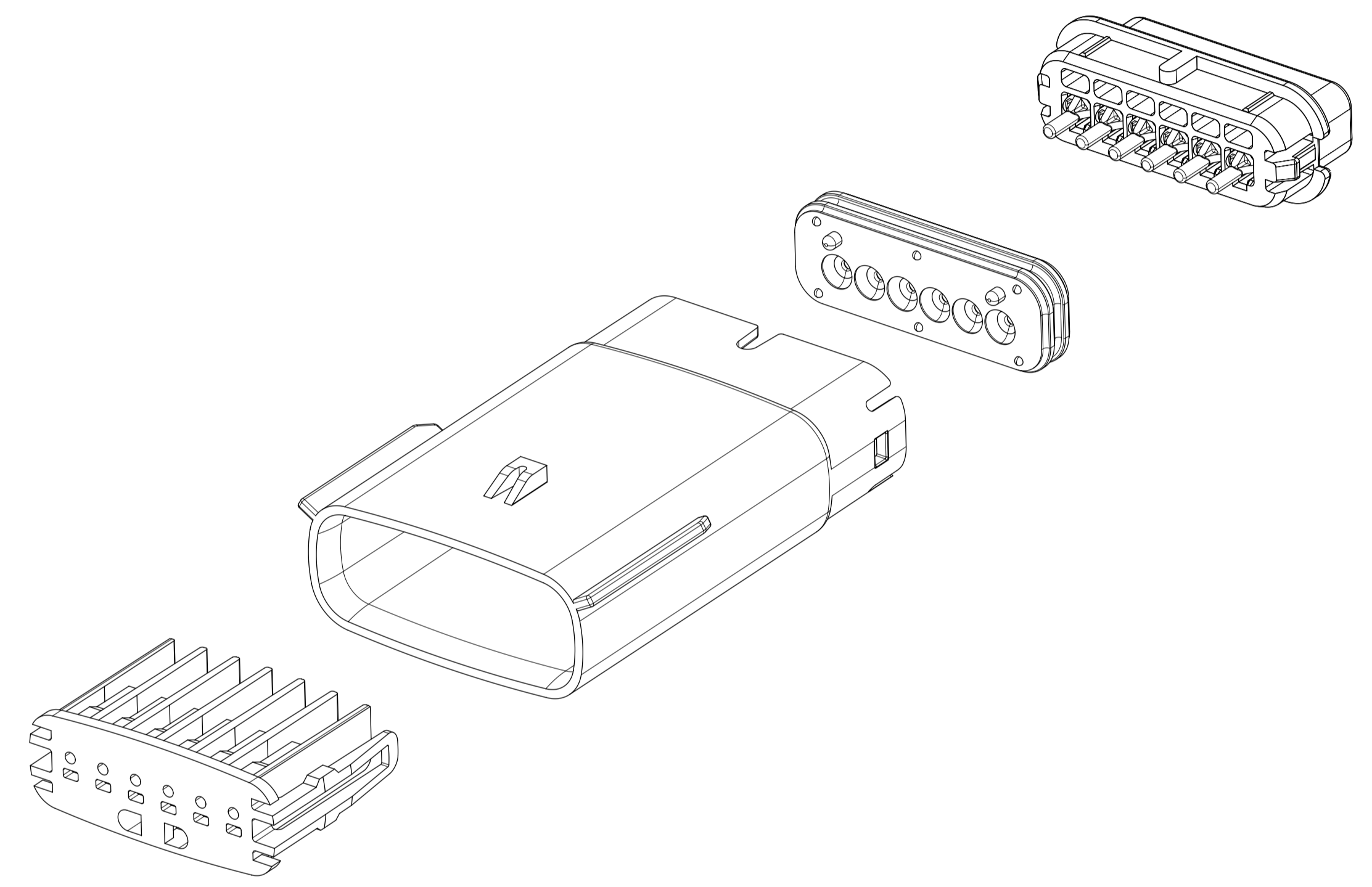
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- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
  - DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY 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



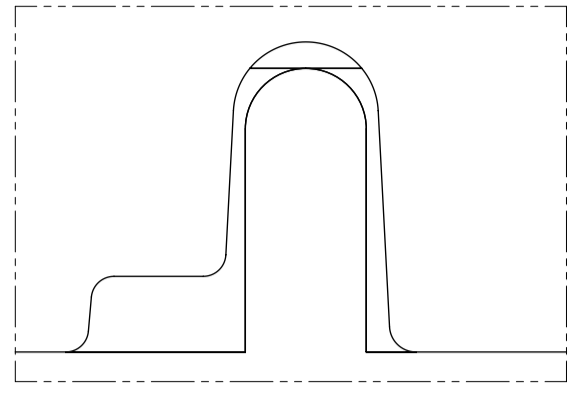
1X6

INSPECTION NUMBER LOG	
LAST NUMBER: 9	ADDED:
REMOVED:	REV
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

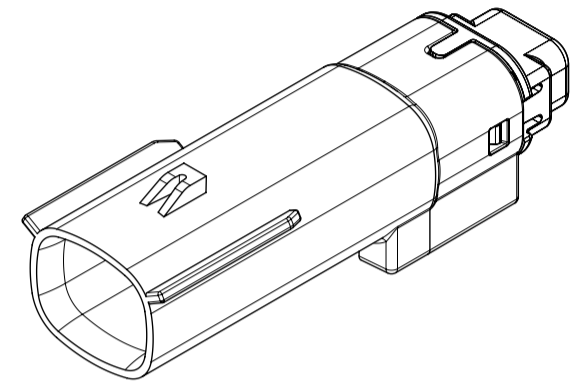
<b>SYMBOLS</b> = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: <b>MM ONLY</b> SCALE: <b>1.5:1</b>	CURRENT REV DESC: EC NO: 602373 DRWN: DSHETTY01 2018/05/25 CHK'D: MVANSLAMBROU 2018/10/04 APPR: MVANSLAMBROU 2018/10/04	 MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL		
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ±	INITIAL REVISION: DRWN: APROFFITT 2015/07/21 APPR: KDEKOSKI 2016/06/14			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION 	DRAWING: <b>A1-SIZE</b> SERIES: <b>33481</b>	MATERIAL NUMBER: SEE NOTE 2a. CUSTOMER: GENERAL MARKET	SHEET NUMBER: 1 OF 9



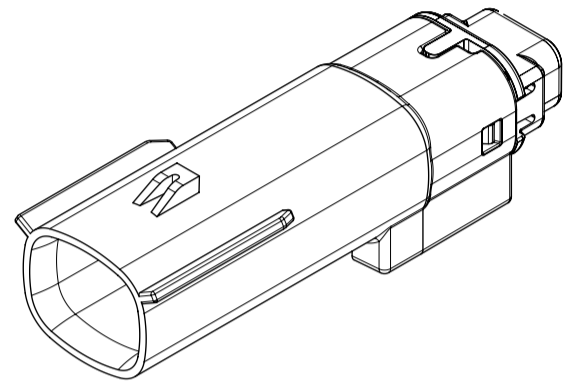
**SHEET DESCRIPTION**  
CONFIGURATIONS



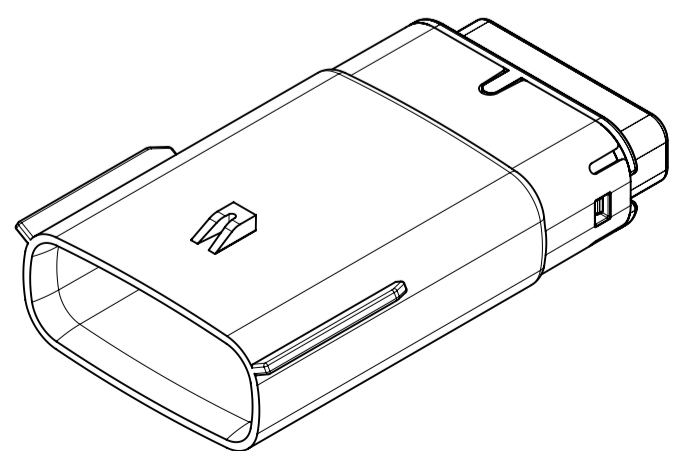
UL V0 UNIQUE FEATURE  
Partial1  
SCALE 10:1



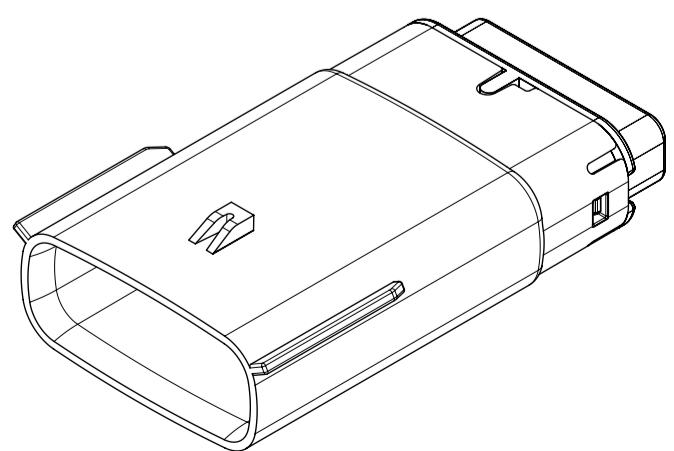
1x2 - STD



1X2 - UL V0\*



1x6 - STD

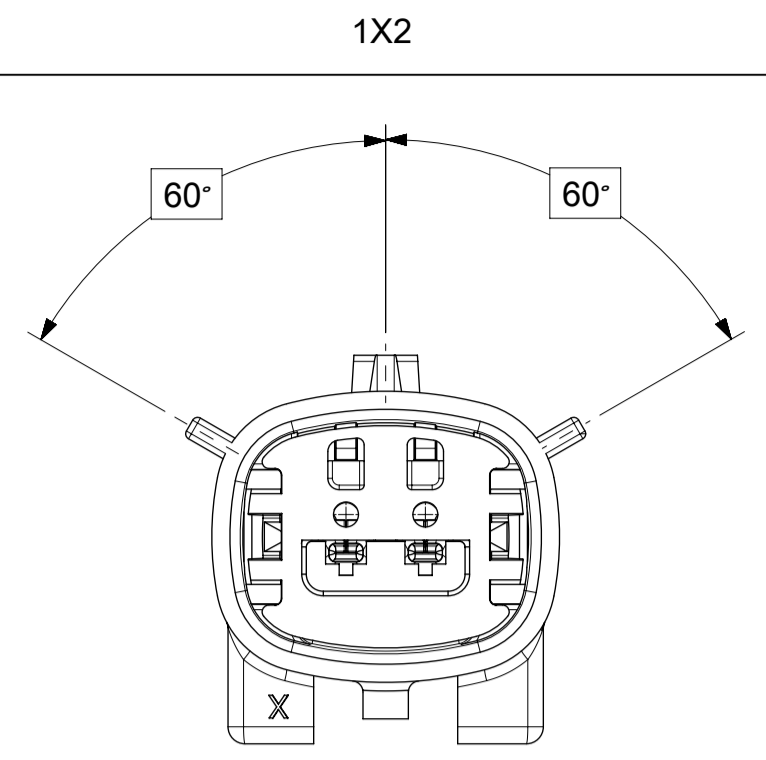


1x6 - UL V0\*

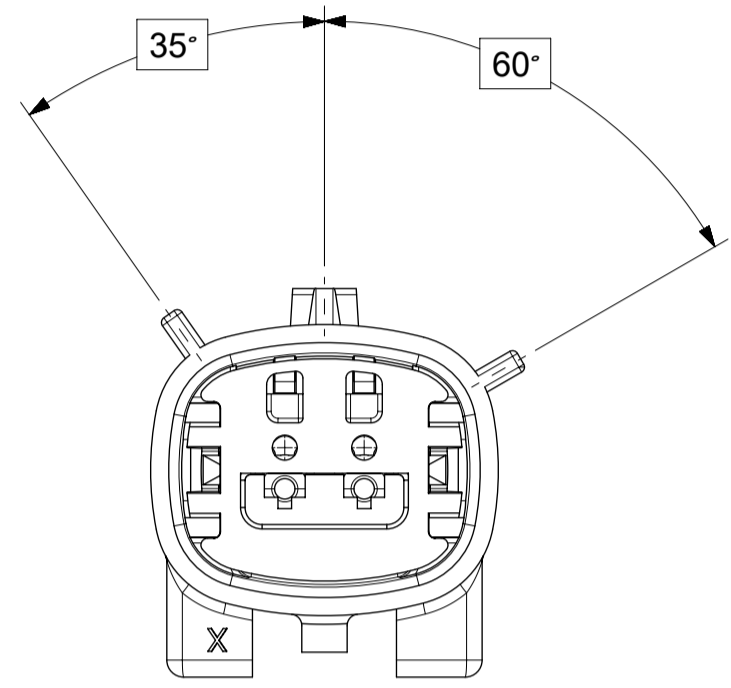
\* MINOR GEOMETRY DIFFERENCE THAN STANDARD CONFIGURATION.  
SEE NOTES 1 & 2 FOR MORE INFORMATION

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:						
	DIMENSION UNITS	SCALE							EC NO: 602373
▽ = 0	MM ONLY	1.5:1	GENERAL TOLERANCES (UNLESS SPECIFIED)	DRWN: MVANSLAMBROU	2018/10/04	SD-33481-0001	PSD	001	A1
▽ = 0	ANGULAR TOL ± 1.0°		4 PLACES ±	CHK'D: MVANSLAMBROU	2018/10/04	PRODUCT CUSTOMER DRAWING			
▽ = 0	3 PLACES ±		2 PLACES ± 0.1	APPR: MVANSLAMBROU	2018/10/04	INITIAL REVISION:			
▽ = 0	2 PLACES ± 0.1		1 PLACE ± 0.2	DRWN: APROFFITT	2015/07/21	DRWN: APROFFITT 2015/07/21			
▽ = 0	1 PLACE ± 0.2		0 PLACES ±	APPR: KDEKOSKI	2016/06/14	APPR: KDEKOSKI 2016/06/14			
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
▽ = 0				A1-SIZE	33481	SEE NOTE 2a.	GENERAL MARKET	2 OF 9	

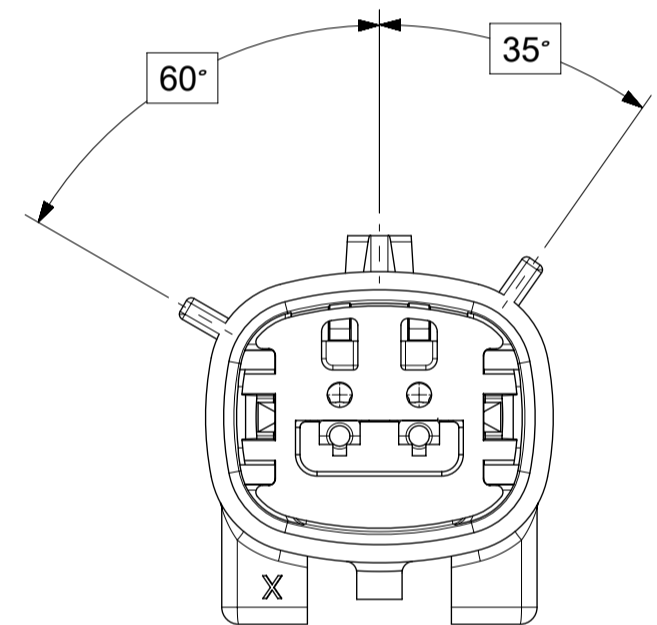
**SHEET DESCRIPTION**  
KEY CONFIGURATIONS



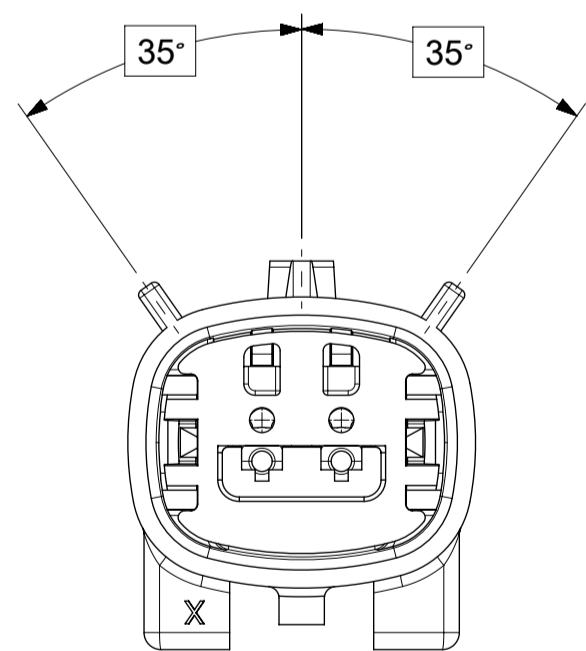
KEY A



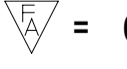
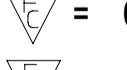

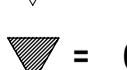
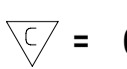
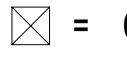

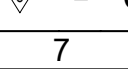


KEY B



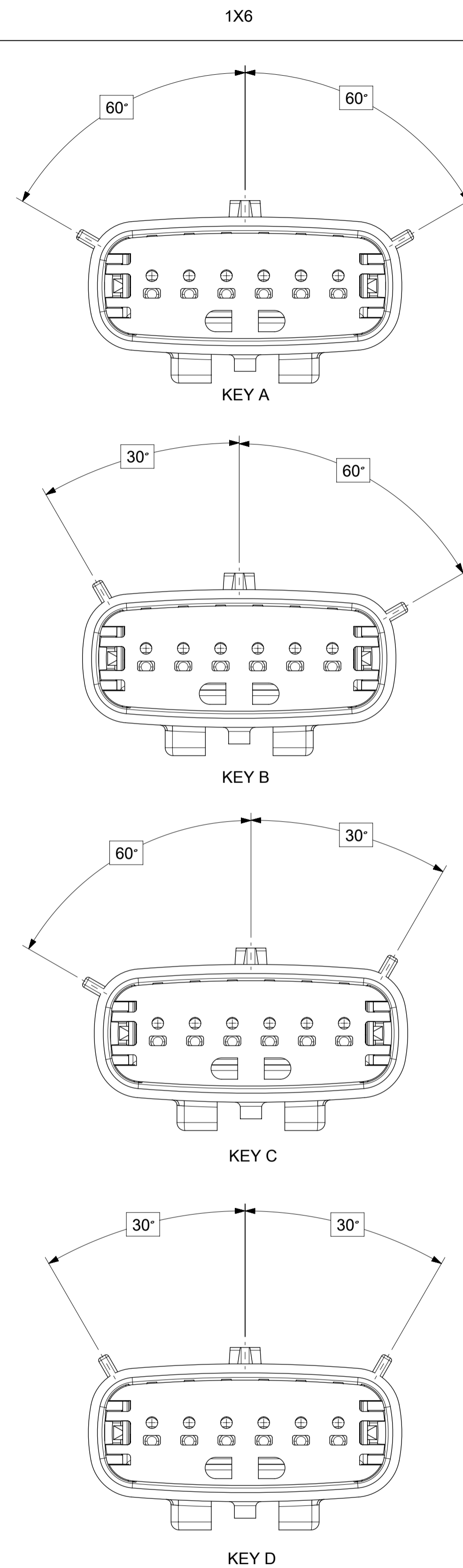
KEY C



KEY D

<b>SYMBOLS</b>  = 0  = 0  = 0  = 0  = 0  = 0  = 0  = 0  = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		<b>CURRENT REV DESC:</b>  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					
	DIMENSION UNITS: <b>MM ONLY</b> SCALE: <b>3:1</b>	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0°		INITIAL REVISION: DRWN: APROFFITT 2015/07/21 APPR: KDEKOSKI 2016/06/14				DOCUMENT NUMBER <b>SD-33481-0001</b>	DOC TYPE <b>PSD</b>	DOC PART <b>001</b>
	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 <b>A1-SIZE</b>	SERIES <b>33481</b>	MATERIAL NUMBER SEE NOTE 2a.	CUSTOMER GENERAL MARKET	SHEET NUMBER <b>3 OF 9</b>

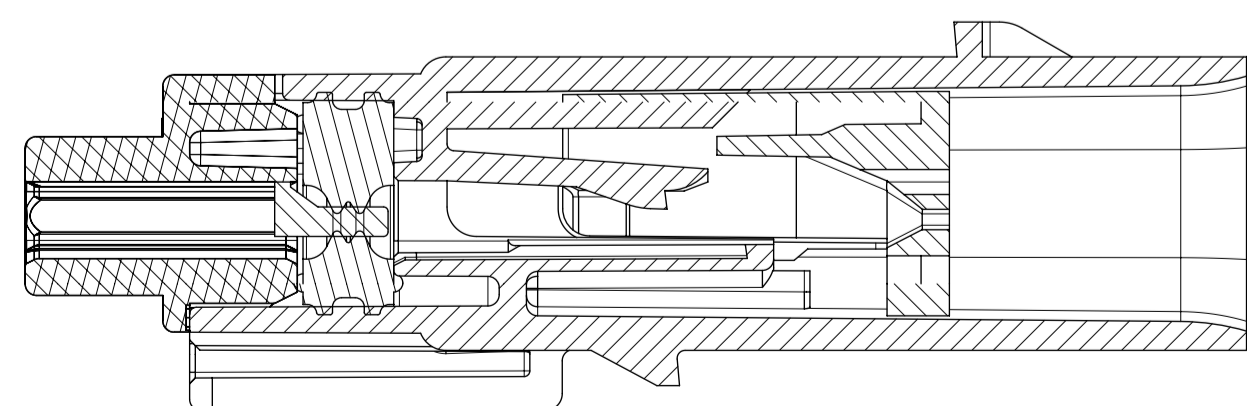
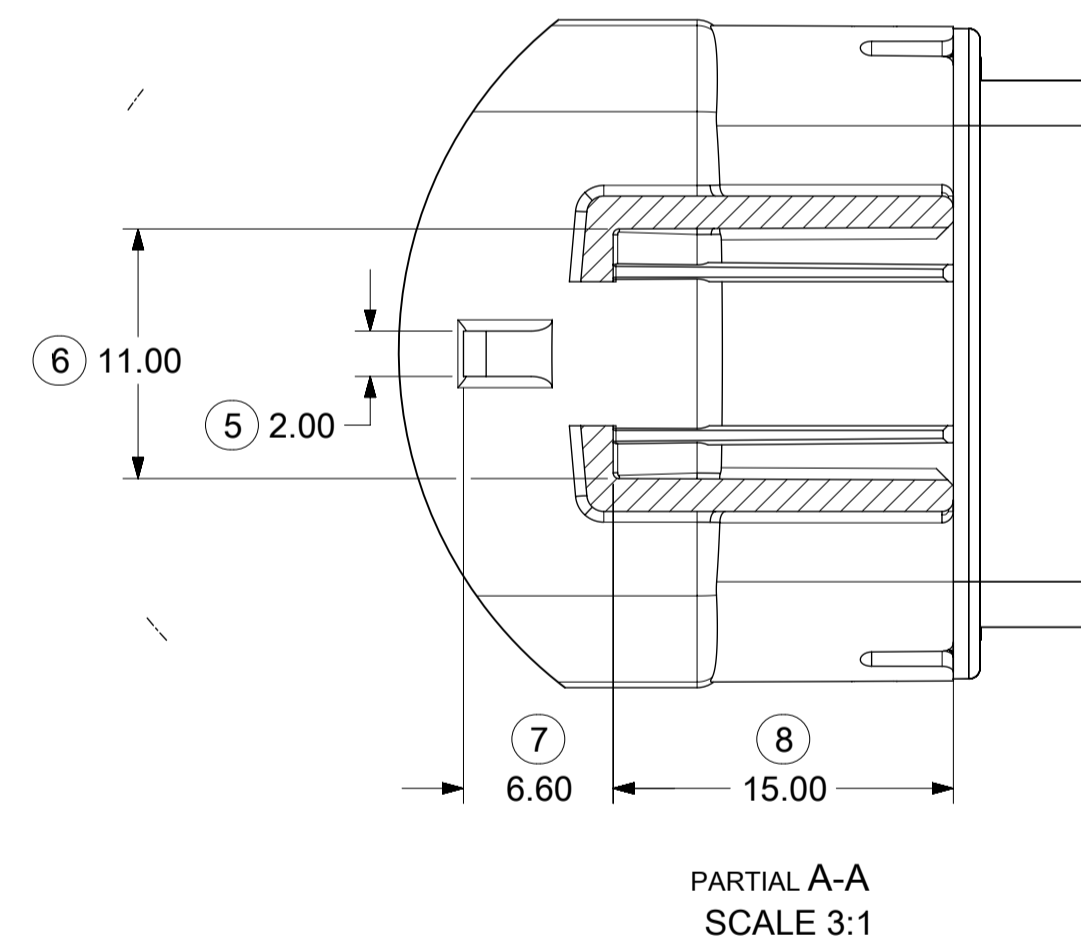
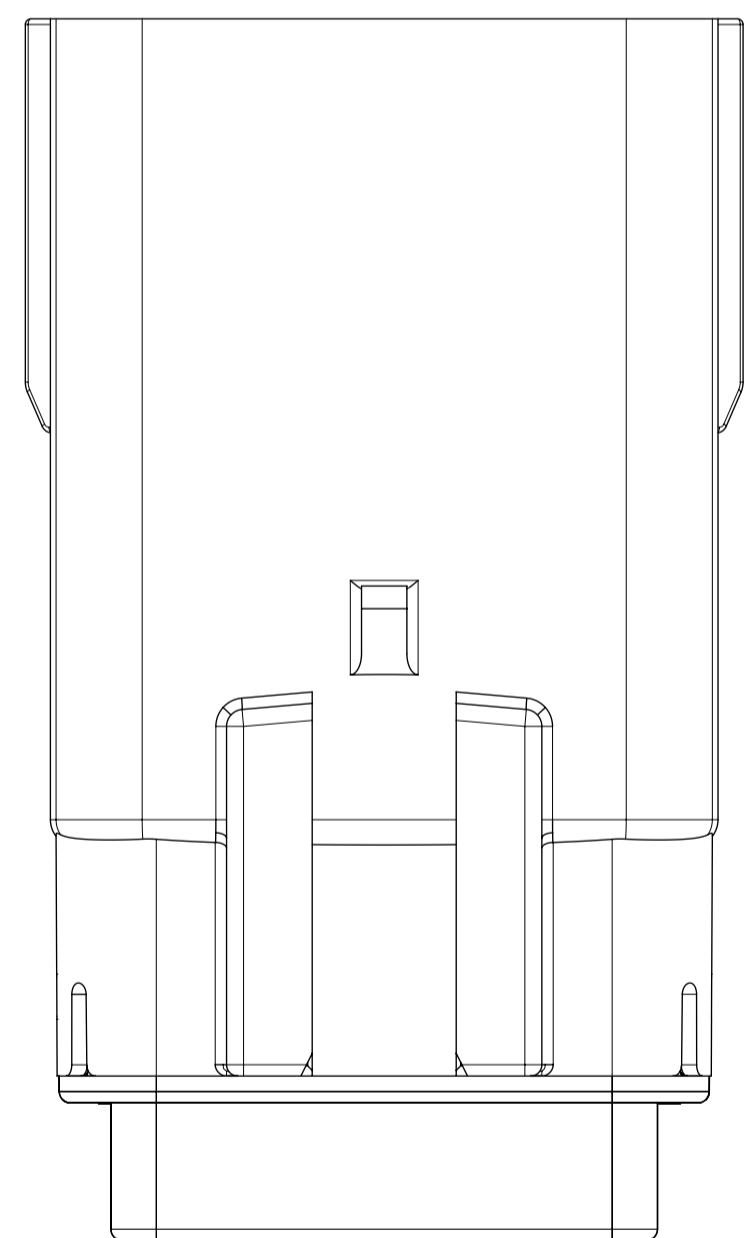
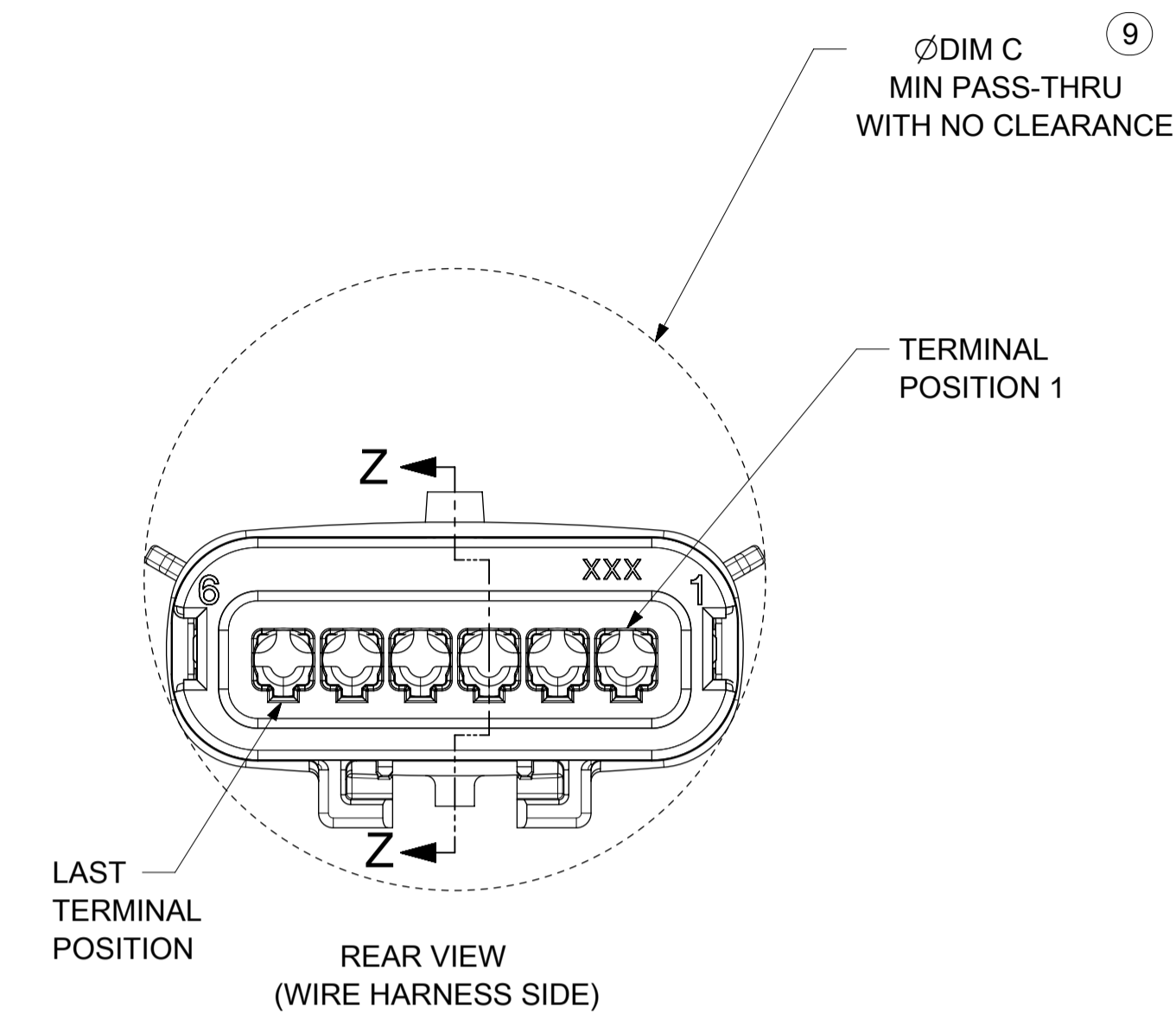
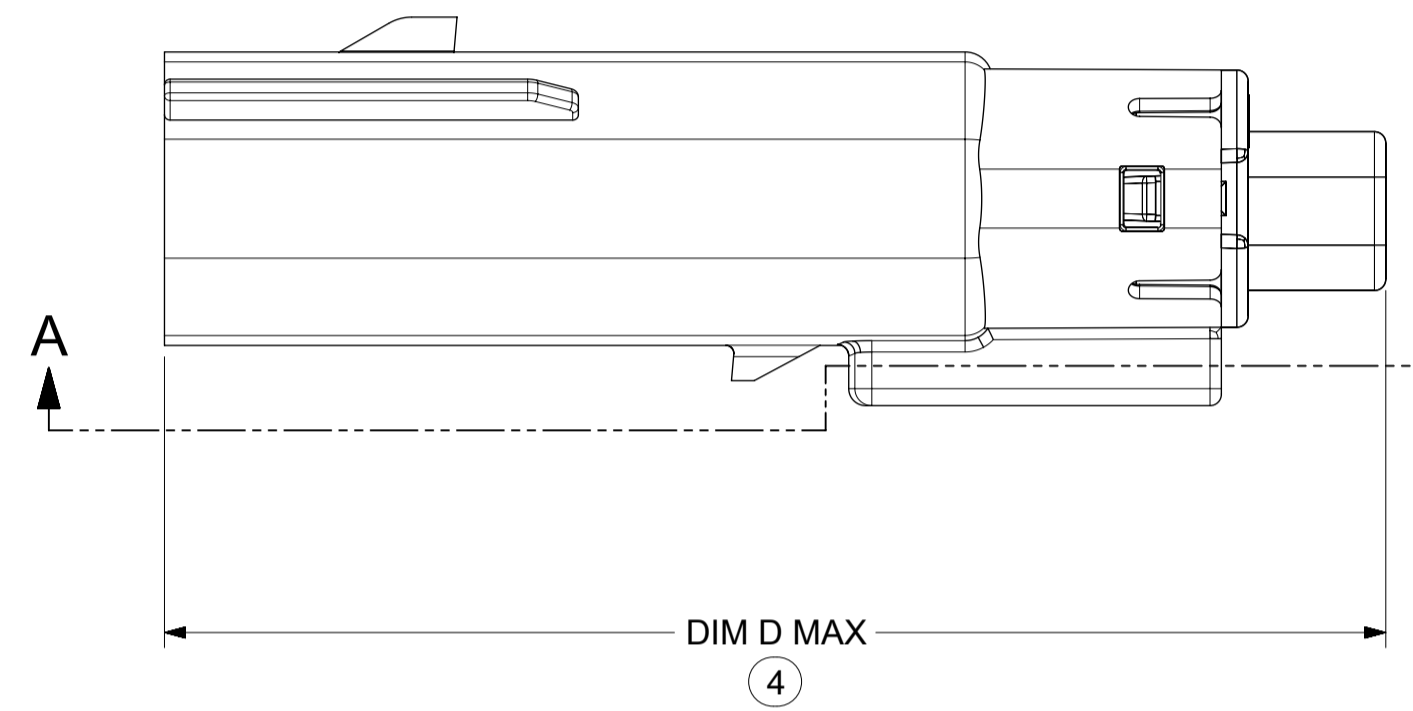
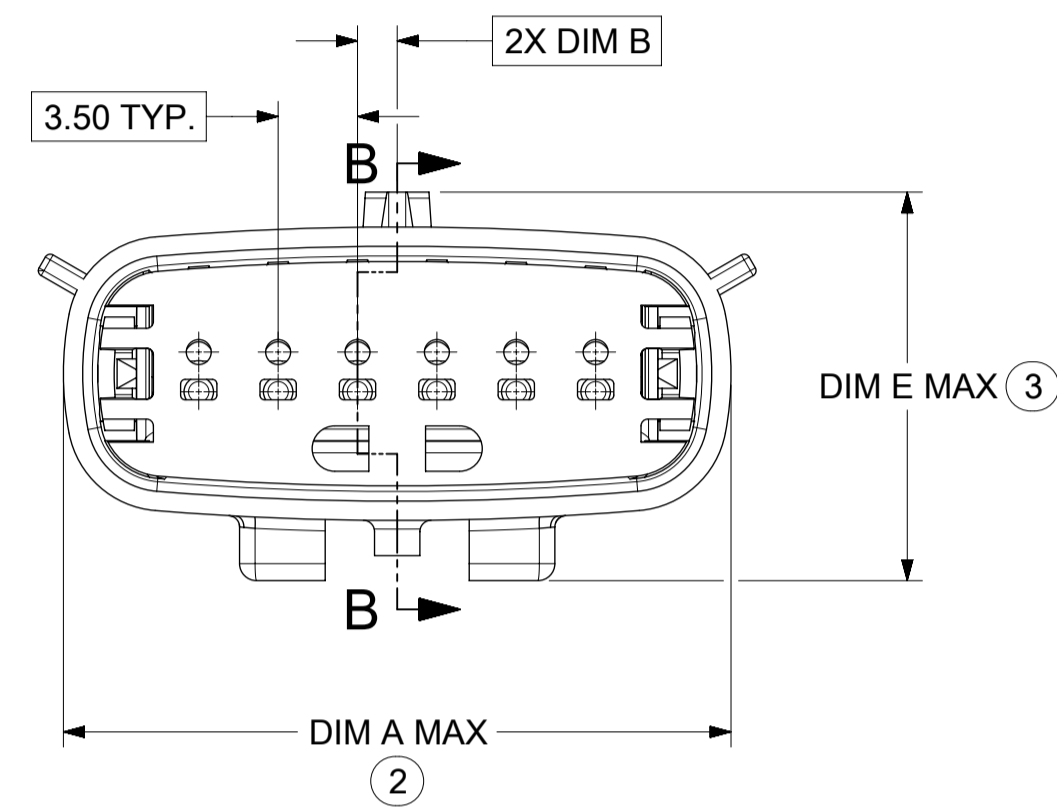
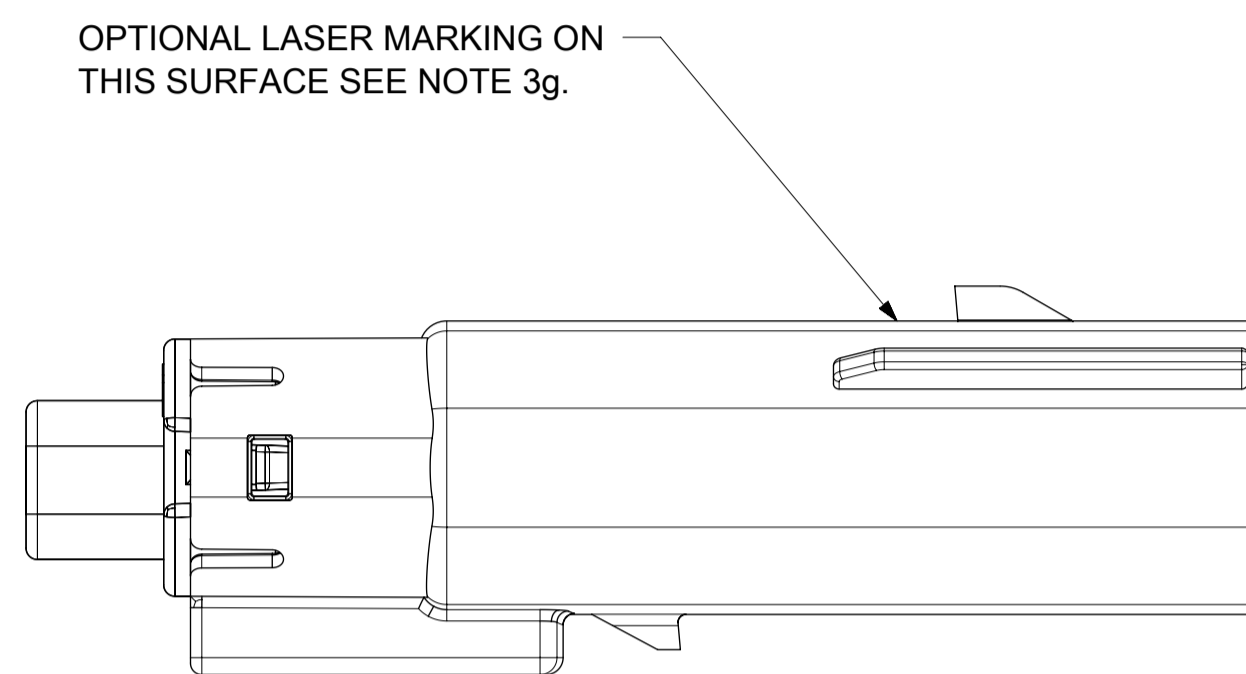
**SHEET DESCRIPTION**  
KEY CONFIGURATIONS CONT.



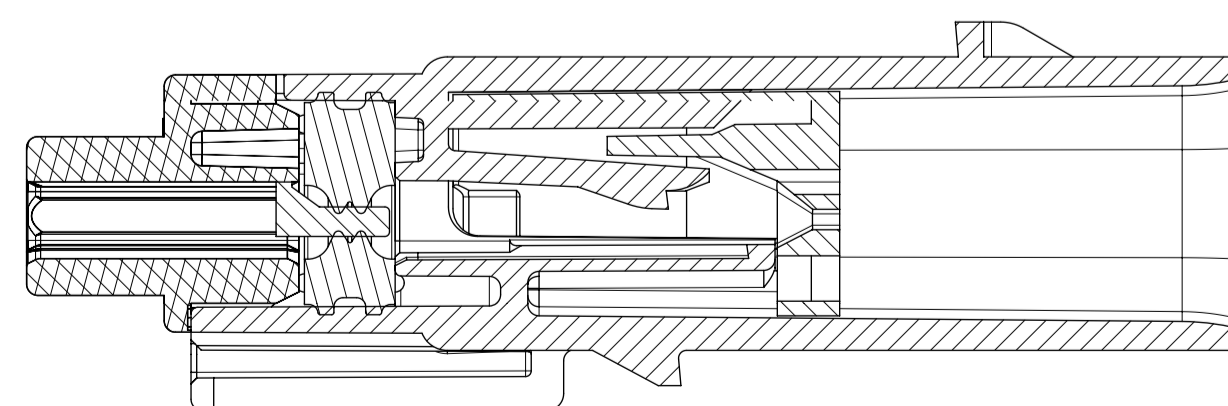
<b>SYMBOLS</b> = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: <b>MM ONLY</b> SCALE: <b>3:1</b>	CURRENT REV DESC: EC NO: 602373 DRWN: DSHETTY01 2018/05/25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

**SHEET DESCRIPTION**  
BLADE SEALED ASSEMBLY

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



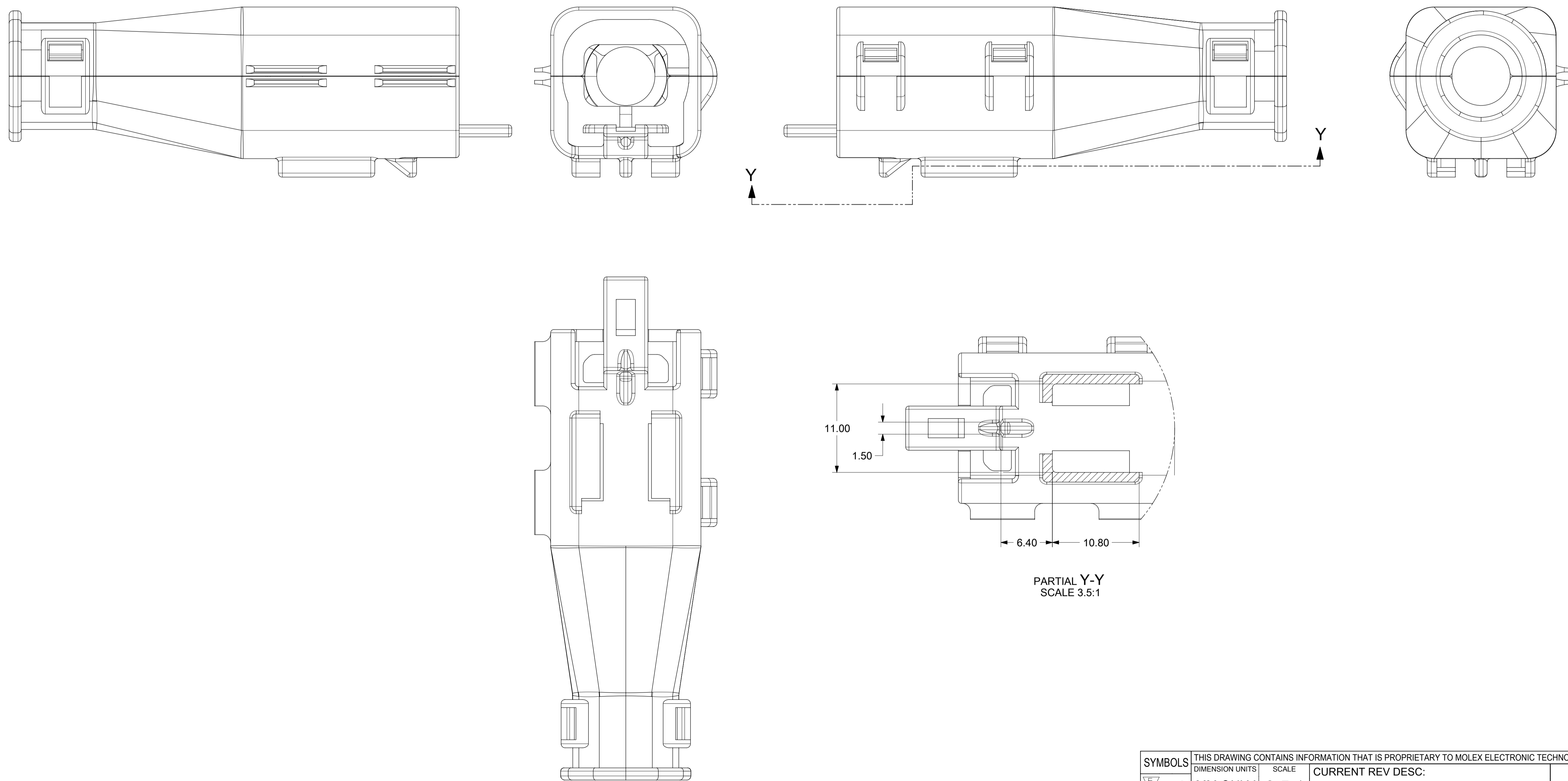
PRIMARY LOCK REINFORCEMENT (PLR) SHOWN IN PRE-STAGED POSITION SECTION B-B



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

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

**SHEET DESCRIPTION**  
BACKSHELL

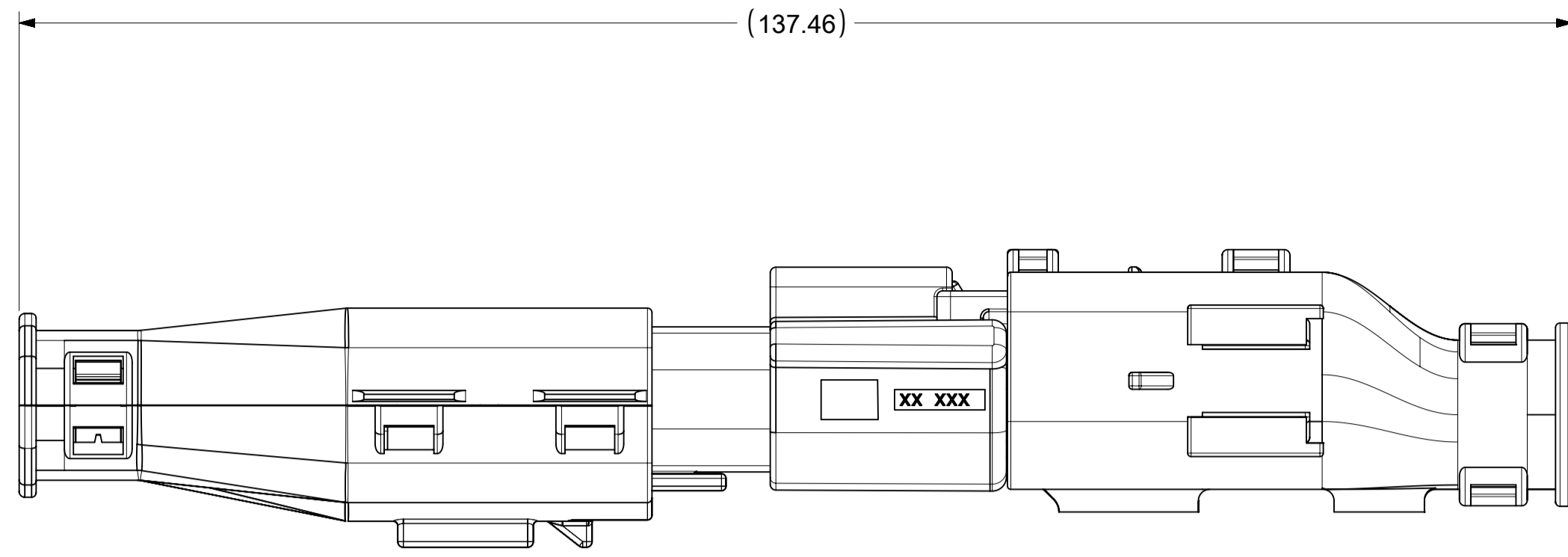


<b>SYMBOLS</b> = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	<b>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</b> DIMENSION UNITS <b>MM ONLY</b>	SCALE <b>3.5:1</b>	<b>CURRENT REV DESC:</b>  EC NO: 602373 DRWN: DSHETTY01 2018/05/25 CHK'D: MVANSLAMBROU 2018/10/04 APPR: MVANSLAMBROU 2018/10/04			  MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL		
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0°	INITIAL REVISION: DRWN: APROFFITT 2015/07/21 APPR: KDEKOSKI 2016/06/14			PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER <b>SD-33481-0001</b>			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION 	DRAWING <b>A1-SIZE</b>	SERIES <b>33481</b>	MATERIAL NUMBER SEE NOTE 2a.	CUSTOMER GENERAL MARKET	SHEET NUMBER <b>8 OF 9</b>	

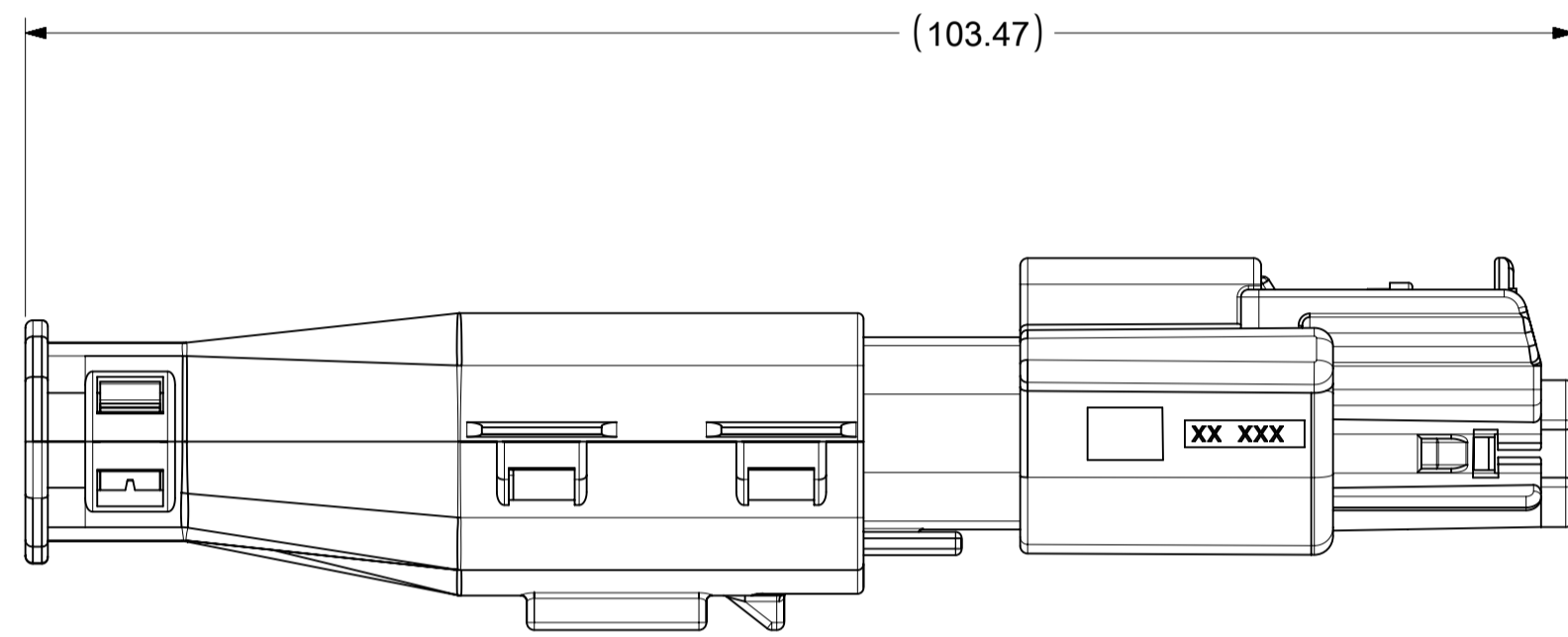
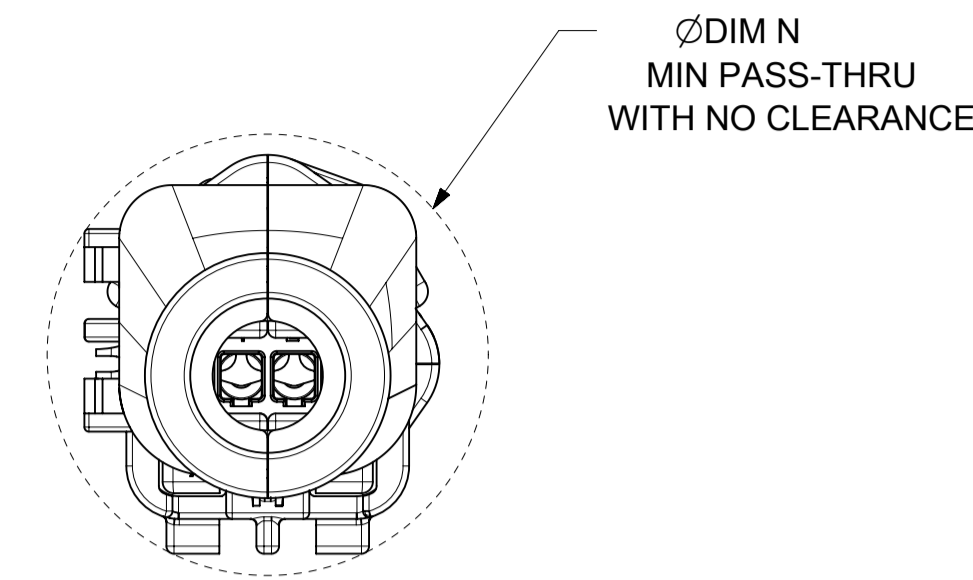
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**SHEET DESCRIPTION**  
BACKSHELL CONFIGURATIONS

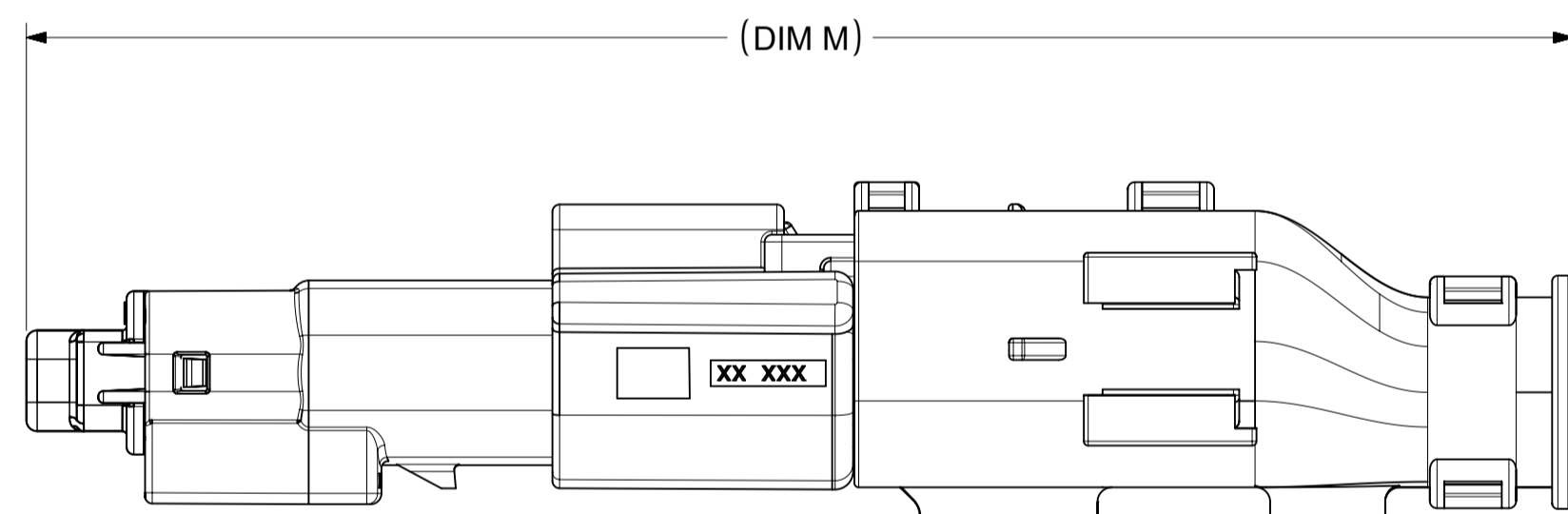
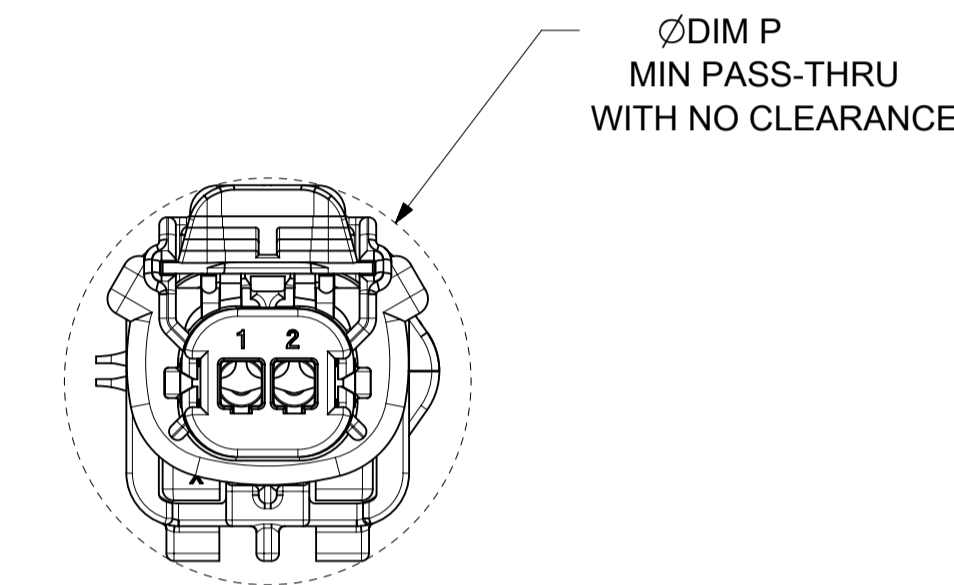
CKT	BLADE CONFIGURATION	RECEPTACLE CONFIGURATION	DIMENSIONS				
			M	N	P	R	S
1X2	STANDARD	STANDARD	107.84	29.50	27.00	26.25	25.00



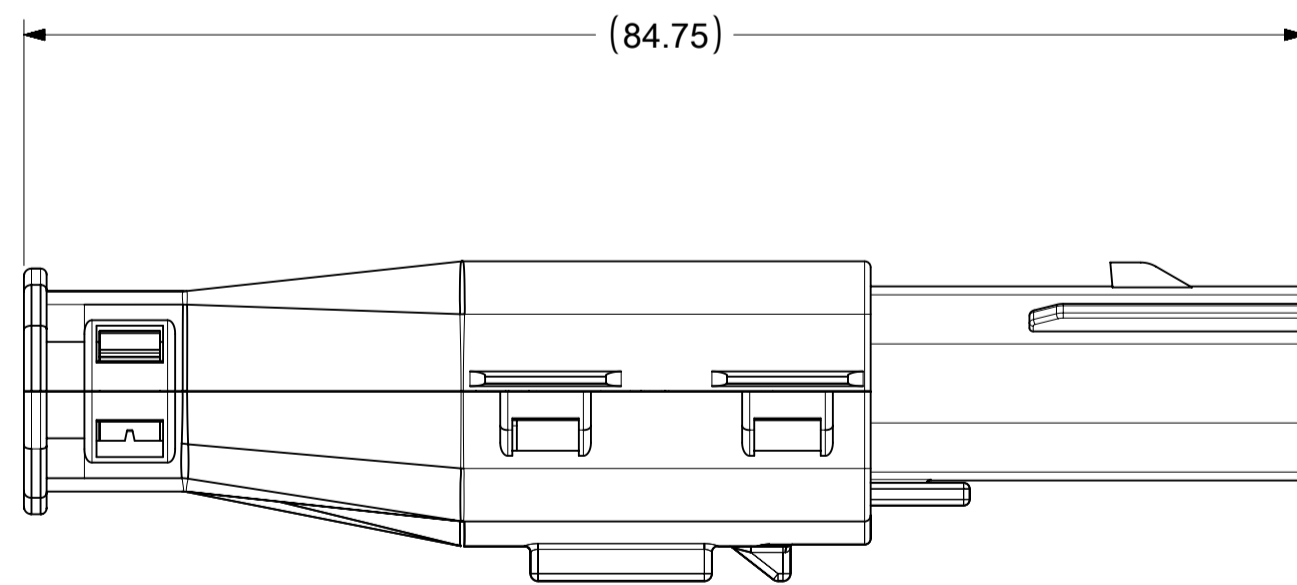
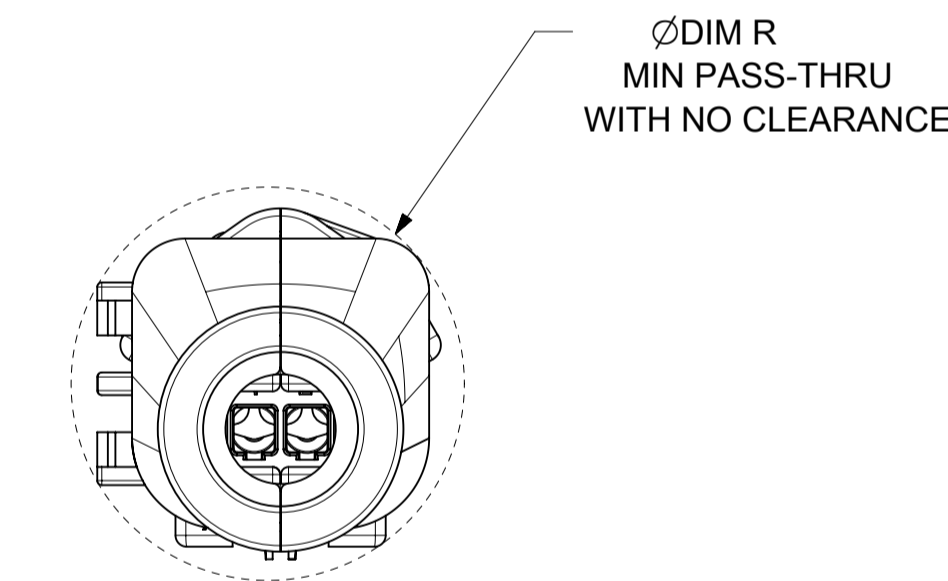
OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL



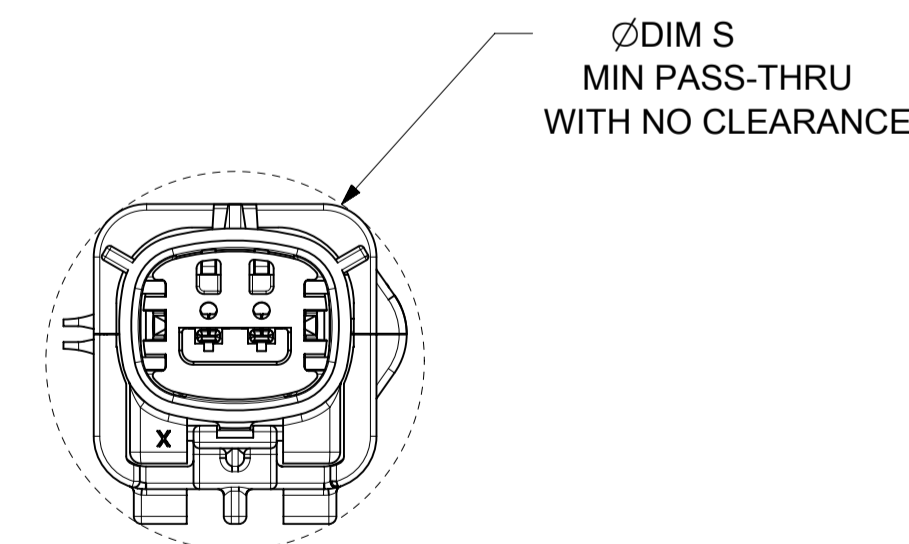
OVERALL MATED SYSTEM WITH BLADE BACKSHELL



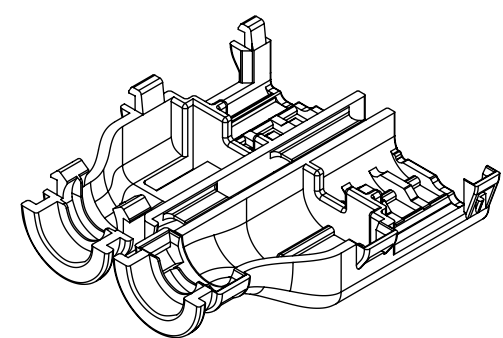
OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL



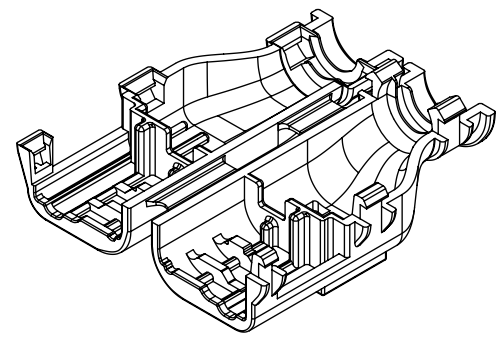
BLADE SEALED ASSEMBLY WITH BLADE BACKSHELL



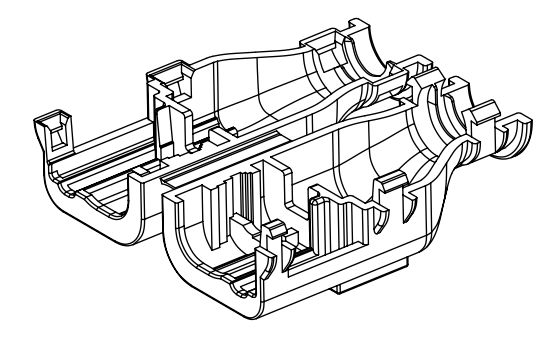
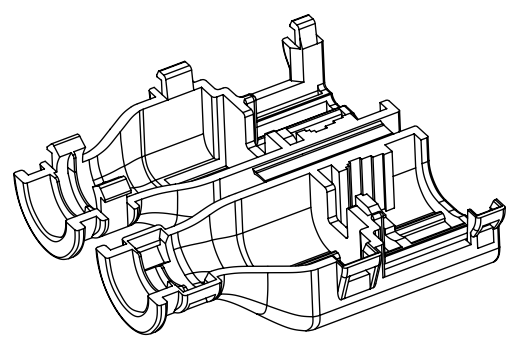
<b>SYMBOLS</b> = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: <b>MM ONLY</b> SCALE: <b>2:1</b>	CURRENT REV DESC:  EC NO: 602373 DRWN: DSHETTY01 2018/05/25 CHK'D: MVANSLAMBROU 2018/10/04 APPR: MVANSLAMBROU 2018/10/04  INITIAL REVISION: DRWN: APROFFITT 2015/07/21 APPR: KDEKOSKI 2016/06/14	  MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL		
	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	THIRD ANGLE PROJECTION 	DRAWING: <b>A1-SIZE</b> SERIES: <b>33481</b>	MATERIAL NUMBER: SEE NOTE 2a. CUSTOMER: GENERAL MARKET



1X2 RECEPTACLE



1X3 RECEPTACLE



## TABLE OF CONTENTS

SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONFIGURATIONS
3	BACKSHELL DETAIL

BILL OF MATERIALS (BOM)				
PART NUMBER	CIRCUIT SIZE	RIBS	STATUS	MATING ASSEMBLY DRAWING
34949-0210	1X2	YES	SALEABLE	SD-33471-021
34949-0220	1X2	NO	SALEABLE	SD-33471-021
34949-0310	1X3	YES	SALEABLE	SD-33471-031
34949-0320	1X3	NO	NOT TOOLED	SD-33471-031

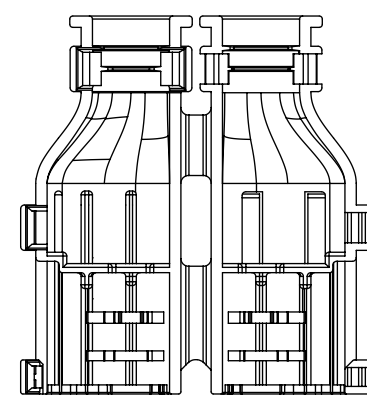
### BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
  - a. APPLICATION SPECIFICATION SEE: AS-34951-001
    - DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY AS SPECIFIED IN BOM
    - COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPERATELY
    - BACKSHELL DESIGN IS OWNED BY SCHLEMMER
  - b. PRODUCT SPECIFICATION
    - THESE PRODUCTS ARE ONE TIME USE ONLY.
    - REMOVAL FORCE OF THE BACKSHELL FROM THE MOLEX CONNECTOR TO BE 100N MIN.
    - REMOVAL FORCE OF SLIT CONVOLUTE FROM THE WITH RIB OPTION BACKSHELLS TO BE 100N MIN.
    - REMOVAL FORCE OF UNSLIT CONVOLUTE FROM THE WITH RIB OPTION BACKSHELLS TO BE 100N MIN.
  - c. PACKAGING SPECIFICATION SEE PK-31302-118
  - 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)
  - f. FOLLOWING PRODUCTION CODES TO BE PRESENT
    - DATE CODE
    - MOLD CAVITY CODE
    - MOLEX LOGO
    - RECYCLE CODE
    - SUPPLIER PART NUMBER
2. DESIGN - MATERIALS:
  - a. PA66 0% GLASS FILLED
  - b. BLACK
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 - 2009
  - c. CORNERS SHOWN AS SHARP TO BE R 0.1.
  - d. VISUAL DEFECTS SHALL MEET COSMETEIC STANDARD PS-45499-002 (CLASS B).
  - e. DRAFT OF 2° PRESENT.
  - f. ALLOWABLE FLASH, PARTING LINES MISMATCH, EJECTOR PINS MARK, AND GATE VESTIGE TO BE +0.30 MAX PROTUSION.

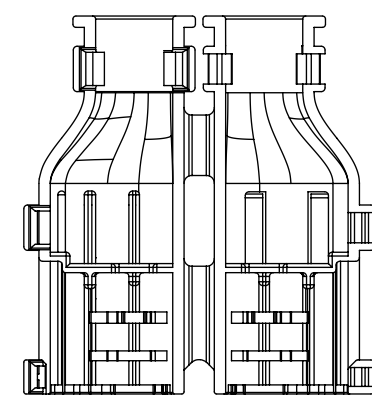
REV	DESCRIPTION
A6	NX REMASTERING
A5	REVISION CREATED FOR SYSTEM CLEAN UP
A4	UPDATED BOM TABLE
A3	CHANGE THE 34949-0310 STATUS TO "SALEABLE"
A2	ADD 1X3 CIRCUIT SIZE
A1	UPDATED STATUS COLUMN
A	INITIAL RELEASE

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		
	DIMENSION UNITS	SCALE			
= 0	mm	1:1			<b>MX150 RECEPTACLE SINGLE ROW BACKSHELL</b>
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				
= 0	ANGULAR TOL ± 1.0°		EC NO: 620021		<b>PRODUCT CUSTOMER DRAWING</b>
= 0	4 PLACES	±	DRWN: RYELAVATTITH 2019/06/27		
= 0	3 PLACES	±	CHK'D: HGIBOR 2019/07/02		
= 0	2 PLACES	± 0.13	APPR: MVANSLAMBROU 2019/07/03		
= 0	1 PLACE	± 0.25	INITIAL REVISION:		
= 0	0 PLACES	±	DRWN: KCUNNINGHAM 2013/06/10		
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: VKOSHY 2013/06/11		
= 0	THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER	
		<b>D-SIZE</b>	<b>34949</b>	<b>SD-34949-0001</b>	
				DOC TYPE	DOC PART
				PSD	001
				CUSTOMER	REVISION
				GENERAL MARKET	<b>A6</b>
				MATERIAL NUMBER	SHEET NUMBER
				SEE BOM	1 OF 3

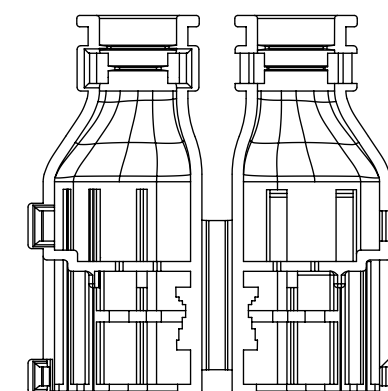
# CONFIGURATION



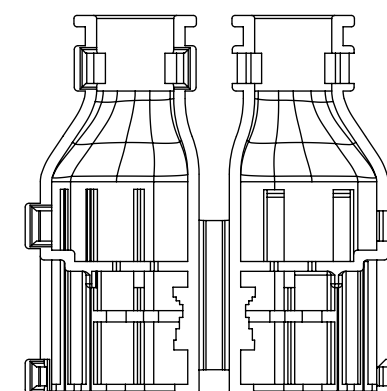
34949-0210  
1X2 FEMALE WITH RIBS



34949-0220  
1X2 FEMALE WITHOUT RIBS



34949-0310  
1X3 FEMALE WITH RIBS



34949-0320  
1X3 FEMALE WITHOUT RIBS

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:
= 0	mm	1:1	<p>EC NO: 620021                  DRWN: RYELAVATTITH 2019/06/27                  CHK'D: HGIBOR 2019/07/02                  APPR: MVANSLAMBROU 2019/07/03</p> <p>INITIAL REVISION:                  DRWN: KCUNNINGHAM 2013/06/10                  APPR: VKOSHY 2013/06/11</p>
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= 0	ANGULAR TOL ± 1.0°		
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= 0	3 PLACES	±	
= 0	2 PLACES	± 0.13	
= 0	1 PLACE	± 0.25	
= 0	0 PLACES	±	
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING SERIES
= 0			D-SIZE 34949
DOCUMENT STATUS		RELEASE DATE	DOCUMENT NUMBER
P1	2019/07/03 13:19:21	SD-34949-0001	DOC TYPE DOC PART REVISION
		SEE BOM	PSD 001 A6
		GENERAL MARKET	SHEET NUMBER
			2 OF 3

# molex

MX150 RECEPTACLE  
SINGLE ROW BACKSHELL

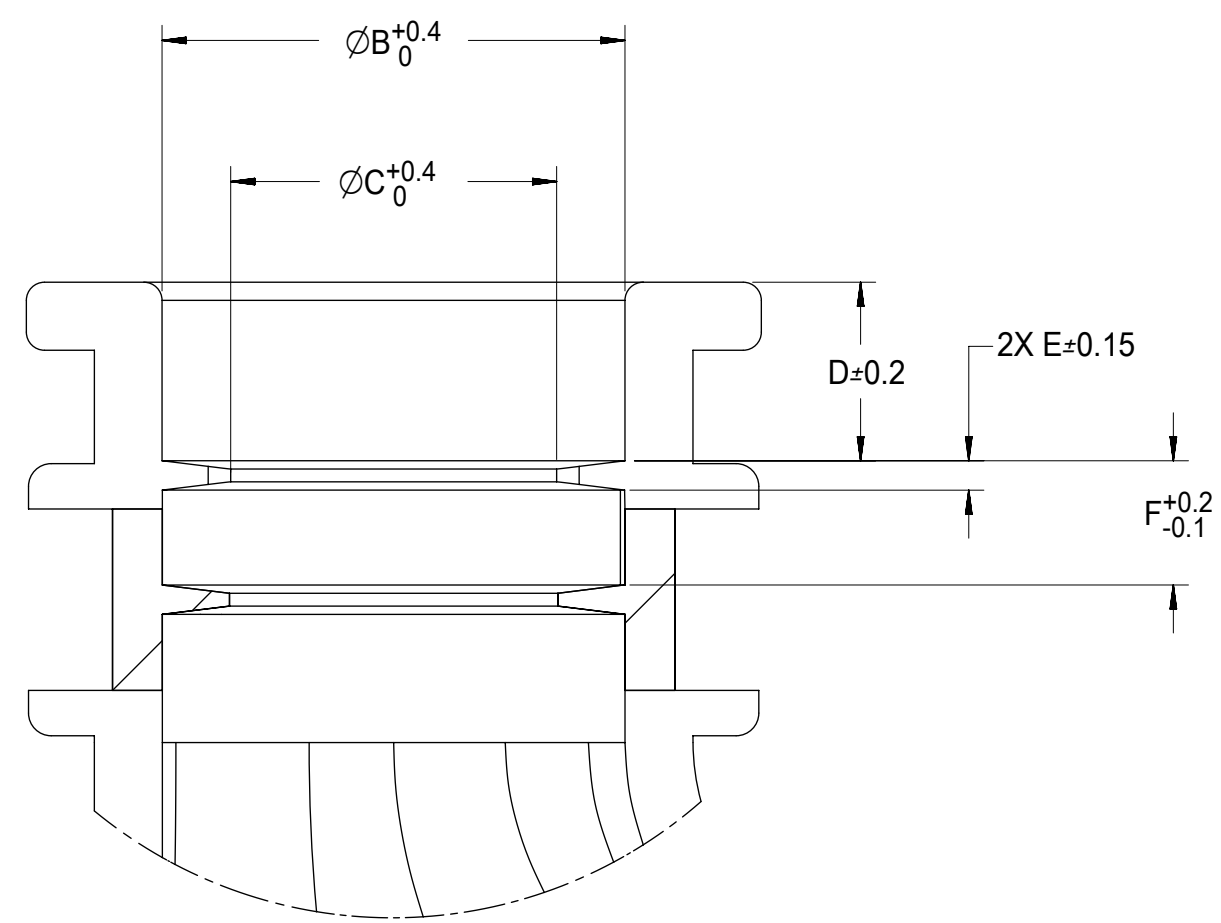
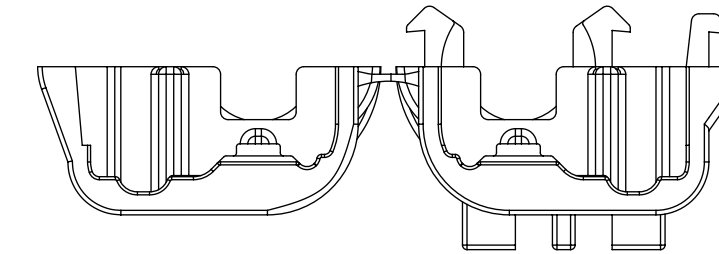
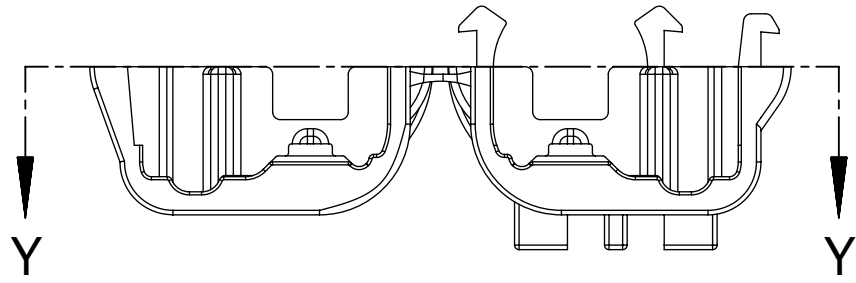
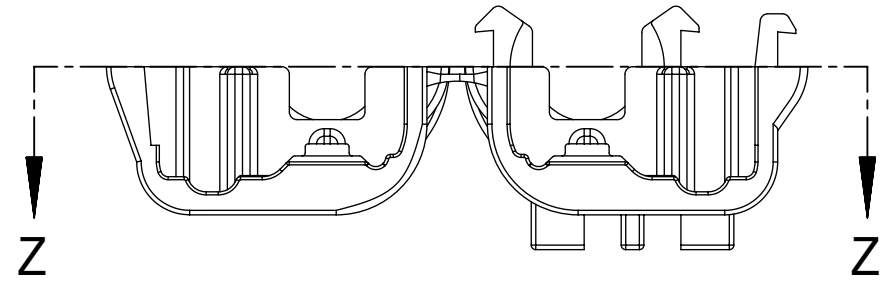
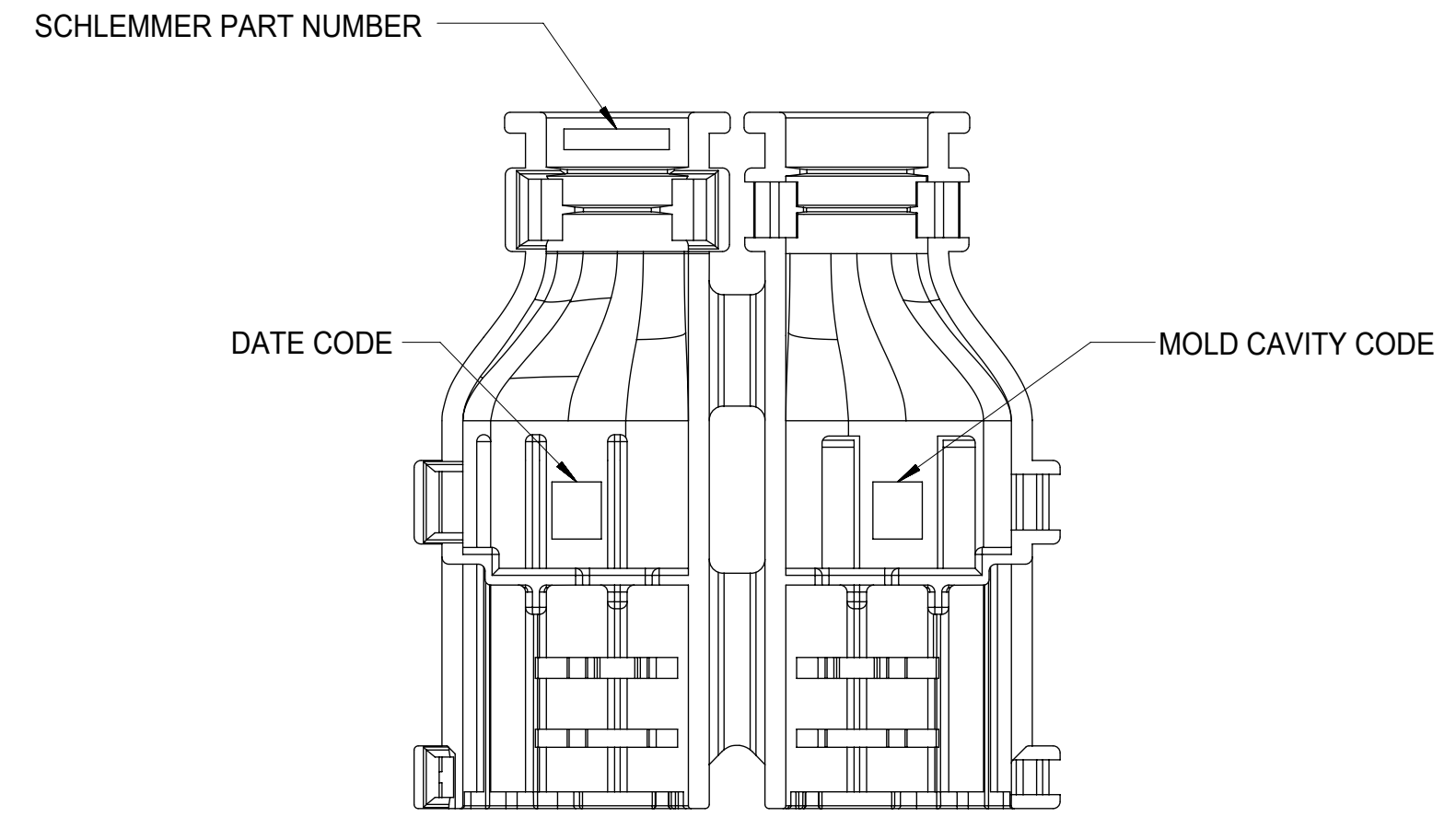
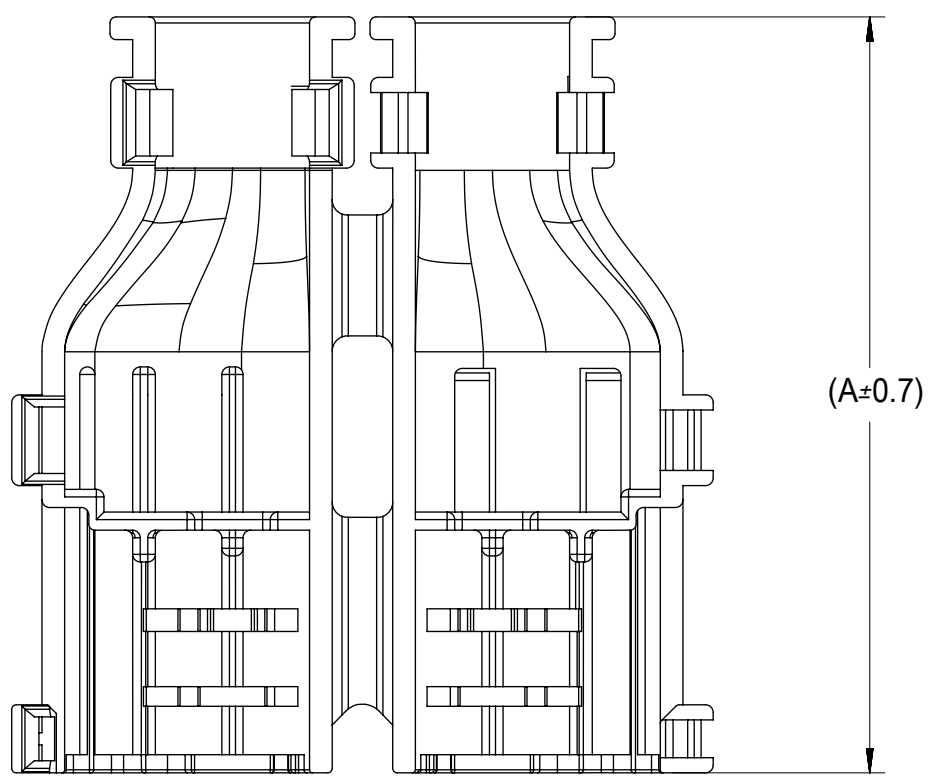
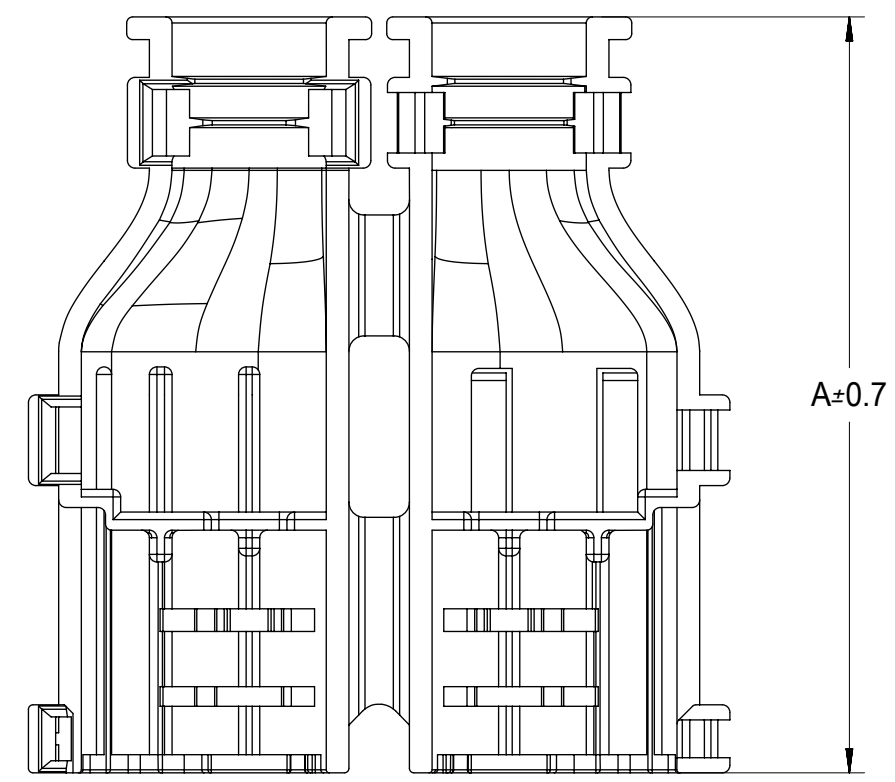
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34949-0001	PSD	001	A6

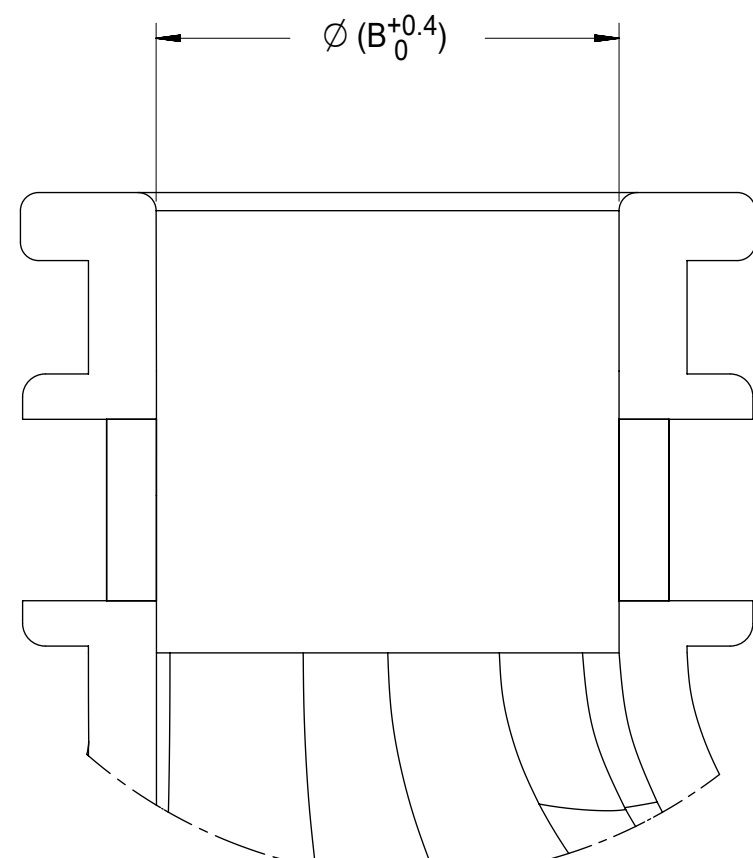
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE BOM	GENERAL MARKET	2 OF 3



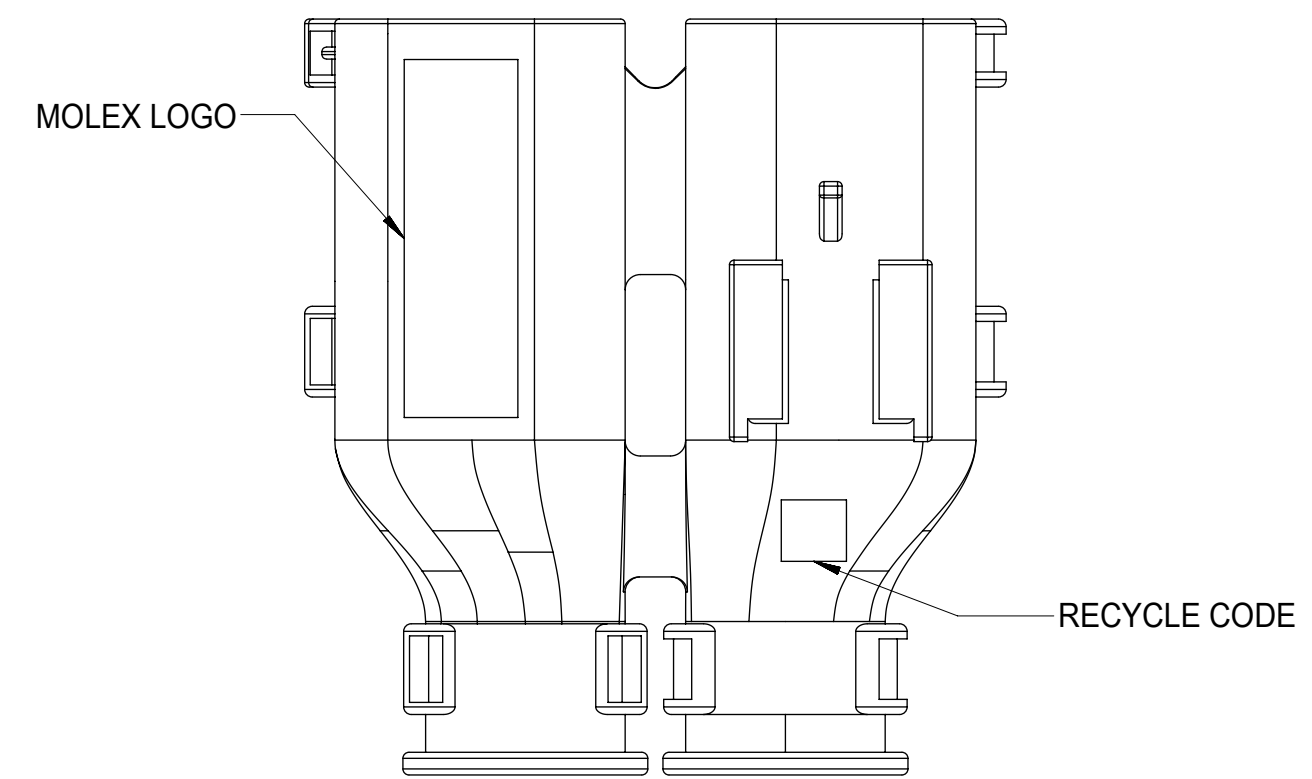
BACKSHELL DETAIL



Partial Z-Z  
SCALE 6:1  
WITH RIBS



Partial Y-Y  
SCALE 6:1  
WITHOUT RIBS



PART NUMBER	DIMENSIONS					
	A	B	C	D	E	F
34949-0210	50	10.2	7.2	3.9	0.65	2.7
34949-0220	50	10.2	N/A	N/A	N/A	N/A
34949-0310	50	10.2	7.2	3.9	0.65	2.7
34949-0320	50	10.2	N/A	N/A	N/A	N/A

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC:					
▽ = 0		mm		1:1		EC NO: 620021					
▽ = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)						DRWN: RYELAVATTITH		2019/06/27	
▽ = 0		ANGULAR TOL ± 1.0°						CHK'D: HGIBOR		2019/07/02	
▽ = 0		4 PLACES		±		APPR: MVANSLAMBROU		2019/07/03		INITIAL REVISION:	
▽ = 0		3 PLACES		±		DRWN: KCUNNINGHAM		2013/06/10		2013/06/11	
▽ = 0		2 PLACES		± 0.13		APPR: VKOSHY		2013/06/11		DOCUMENT NUMBER	
▽ = 0		1 PLACE		± 0.25		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DOC TYPE	
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▽ = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		D-SIZE		34949		REVISION	
DOCUMENT STATUS			P1			RELEASE DATE			2019/07/03 13:19:21		
DOCUMENT STATUS			P1			RELEASE DATE			2019/07/03 13:19:21		
DOCUMENT STATUS			P1			RELEASE DATE			2019/07/03 13:19:21		

**molex**

MX150 RECEPTACLE  
SINGLE ROW BACKSHELL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34949-0001	PSD	001	A6

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE BOM	GENERAL MARKET	3 OF 3