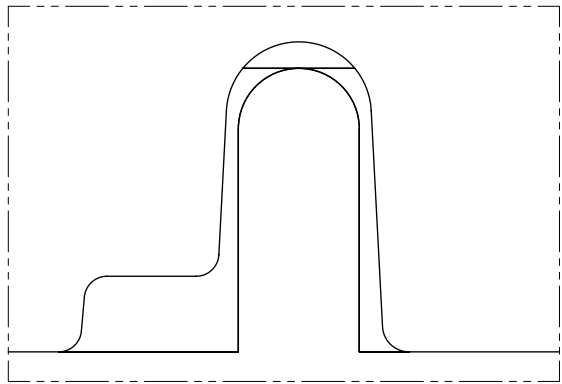
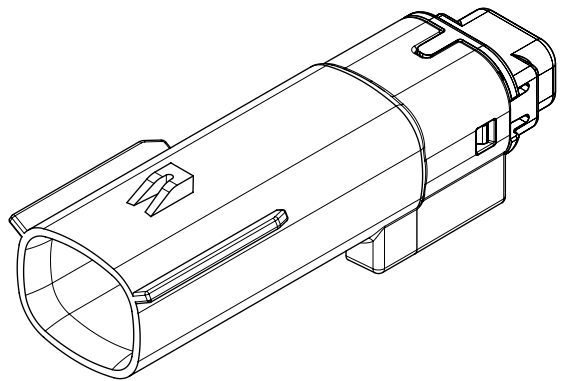




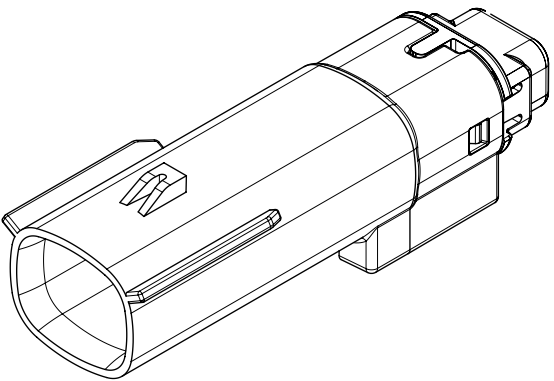
SHEET DESCRIPTION  
CONFIGURATIONS



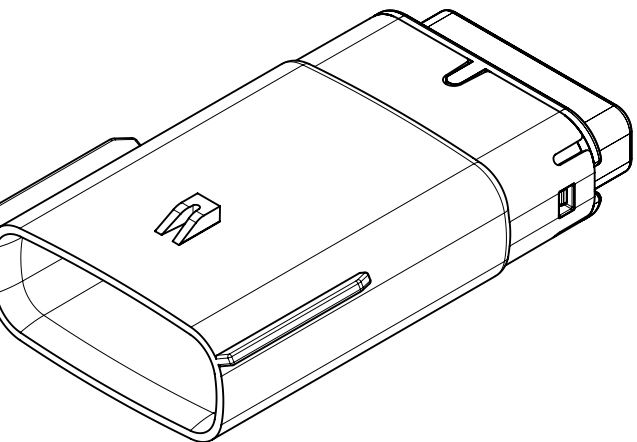
UL V0 UNIQUE FEATURE  
Partial1  
SCALE 10:1



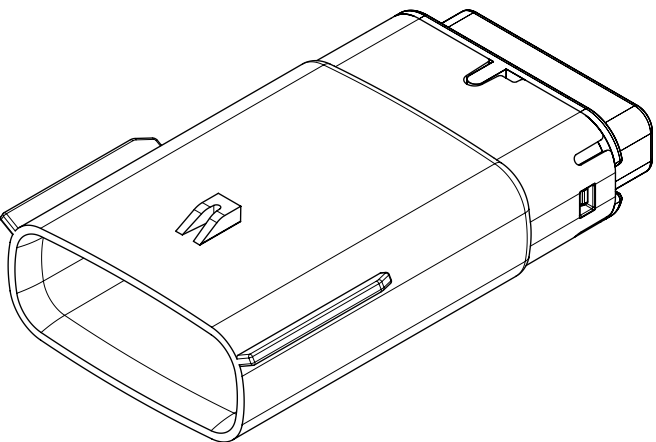
1x2 - STD



1X2 - UL V0\*

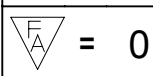
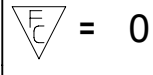
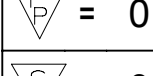

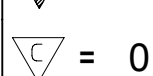
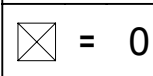
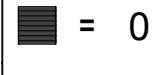
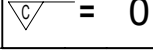
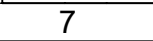
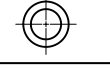


1x6 - STD

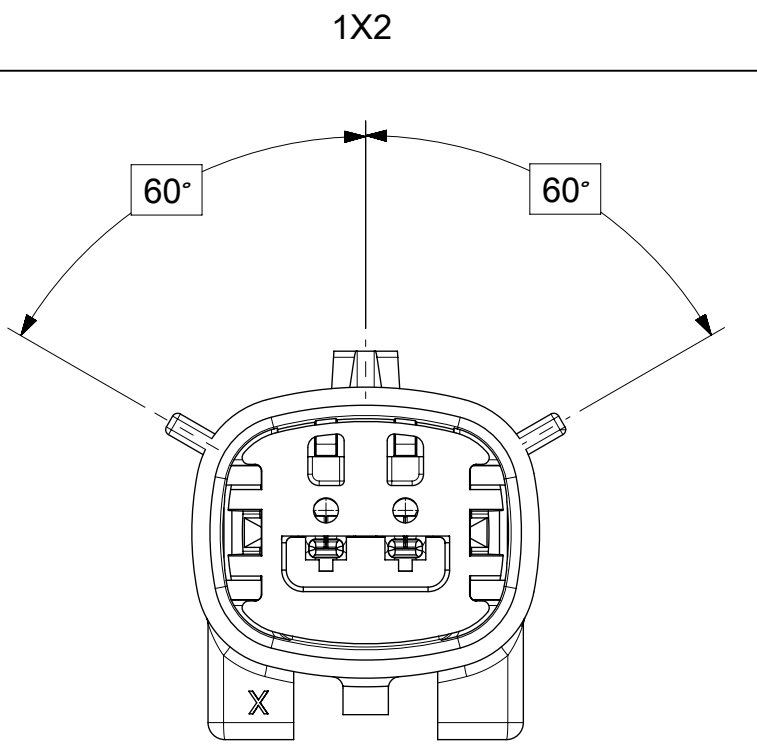


1x6 - UL V0\*

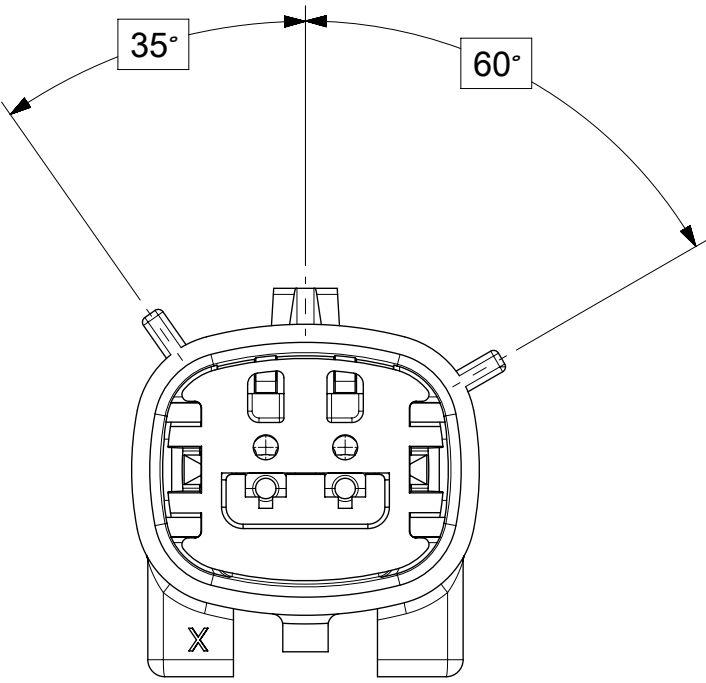
\* MINOR GEOMETRY DIFFERENCE THAN STANDARD CONFIGURATION.  
SEE NOTES 1 & 2 FOR MORE INFORMATION

| 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 |  |         |        |                 |
|  = 0 | MM ONLY   | 1.5:1 | EC NO: 602373<br>DRWN: DSHETTY01 2018/05/25<br>CHK'D: MVANSLAMBROU 2018/10/04<br>APPR: MVANSLAMBROU 2018/10/04<br>INITIAL REVISION:<br>DRWN: APROFFITT 2015/07/21<br>APPR: KDEKOSKI 2016/06/14 |         |        |                 |
|  = 0 |   |       |  |         |        |                 |
|  = 0 |   |       |  |         |        |                 |
|  = 0 | 4 PLACES  | ±     | PRODUCT CUSTOMER DRAWING   |         |        |                 |
|  = 0 | 3 PLACES  | ±     |  |         |        |                 |
|  = 0 | 2 PLACES  | ± 0.1 |  |         |        |                 |
|  = 0 | 1 PLACE   | ± 0.2 | DOCUMENT NUMBER: SD-33481-0001<br>DOC TYPE: PSD<br>DOC PART: 001<br>REVISION: A1   |         |        |                 |
|  = 0 | 0 PLACES  | ±     |  |         |        |                 |
|  = 0 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS  |       | THIRD ANGLE PROJECTION   | DRAWING | SERIES | MATERIAL NUMBER |
|   |   |       |   | A1-SIZE | 33481  | SEE NOTE 2a.    |
|   |   |       |  |         |        | CUSTOMER        |
|   |   |       |  |         |        | SHEET NUMBER    |
|   |   |       |  |         |        | 2 OF 9          |

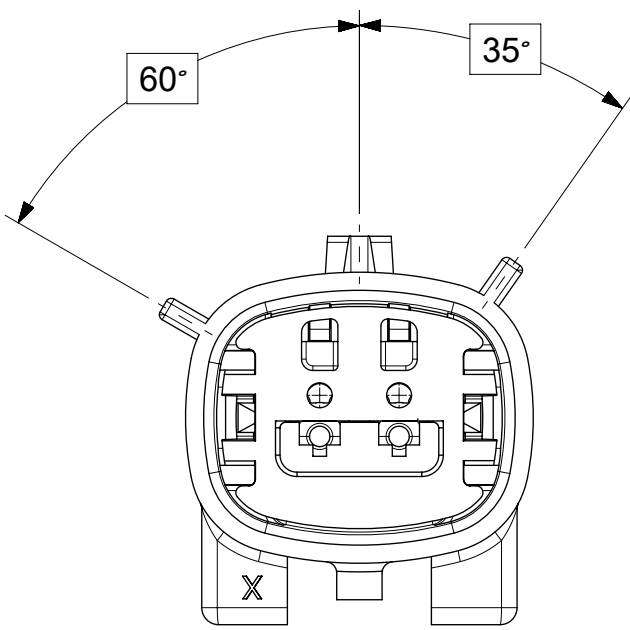
SHEET DESCRIPTION  
KEY CONFIGURATIONS



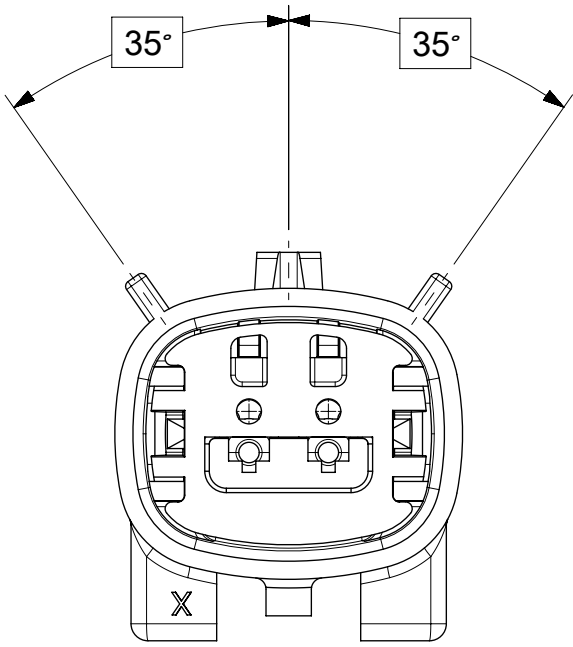
KEY A














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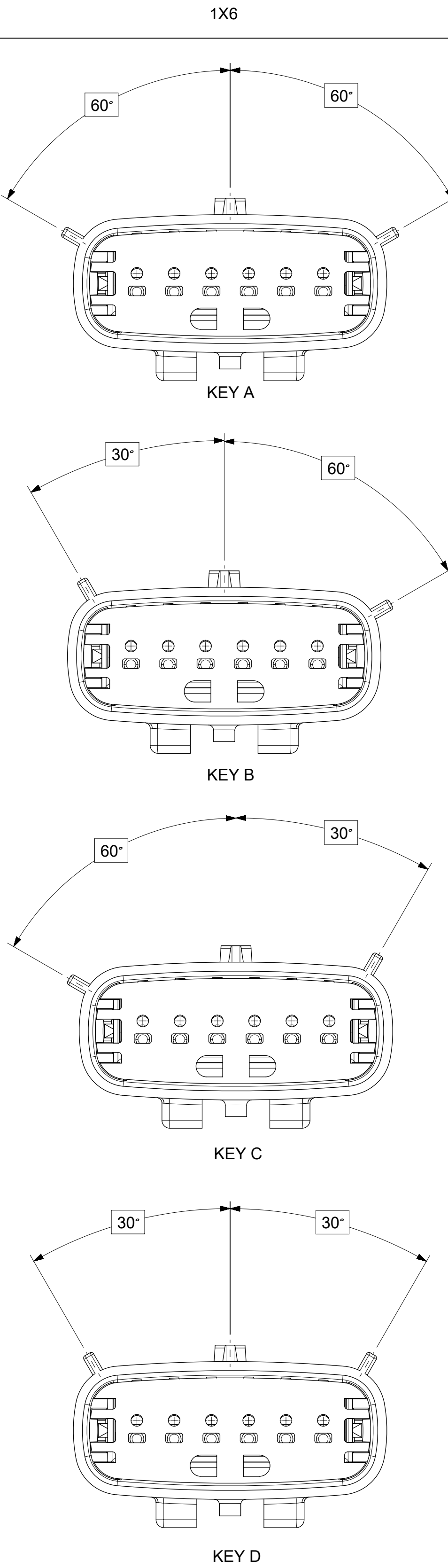
KEY C















KEY D

| SYMBOLS   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |       |  |  |  |   |  |         |  |       |
|---|---|--|-------|--|--|--|---|--|---------|--|-------|
|  = 0 | DIMENSION UNITS   |  | SCALE |  | CURRENT REV DESC:  |  |   |  |         |  |       |
|   | MM ONLY   |  | 3:1   |  |  |  |   |  |         |  |       |
|  = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED)   |  |       |  | <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>INITIAL REVISION:</div> <div>DRWN: APROFFITT      2015/07/21</div> <div>APPR: KDEKOSKI      2016/06/14</div> |  |   |  |         |  |       |
|  = 0 | ANGULAR TOL ± 1.0 °   |  |       |  |  |  |   |  |         |  |       |
|  = 0 | 4 PLACES ±  |  |       |  |  |  |   |  |         |  |       |
|  = 0 | 3 PLACES ±  |  |       |  |  |  |   |  |         |  |       |
|  = 0 | 2 PLACES ± 0.1  |  |       |  |  |  |   |  |         |  |       |
|  = 0 | 1 PLACE ± 0.2   |  |       |  | THIRD ANGLE PROJECTION   |  |   |  |         |  |       |
|  = 0 | 0 PLACES ±  |  |       |  |  |  |   |  |         |  |       |
|  = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |  |       |  |  |  |   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | THIRD ANGLE PROJECTION   |  | DRAWING   |  | SERIES  |  |       |
|   |   |  |       |  |   |  |  |  | A1-SIZE |  | 33481 |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
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|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
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|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
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|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
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|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
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|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
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|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
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|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
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|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
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|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
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|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
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|   |   |  |       |  | A1-SIZE  |  | 33481   |  |         |  |       |
|   |   |  |       |  | DRAWING  |  | SERIES  |  |         |  |       |
|   |   |  |       |  | A1-SIZE  |  |   |  |         |  |       |

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

molex

MX150 BLADE  
SINGLE ROW SEALED ASSY MAT SEAL

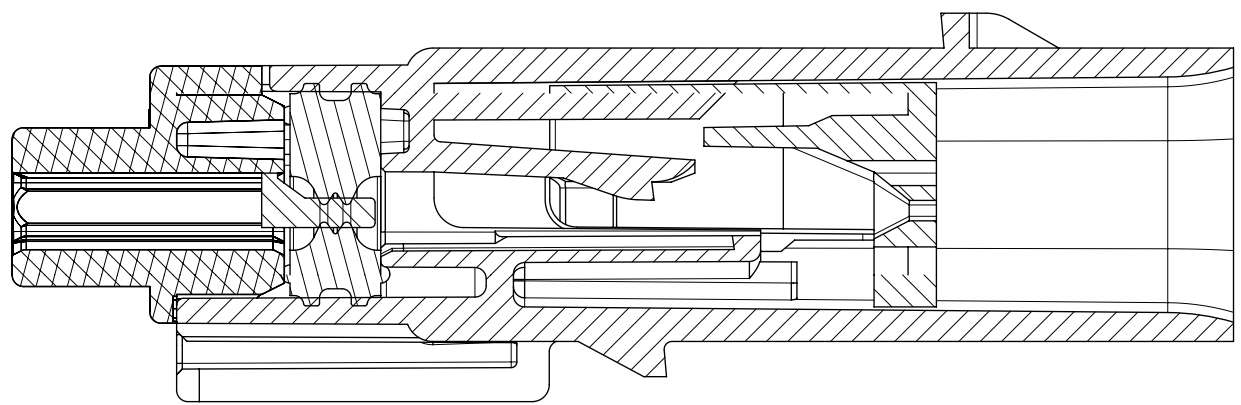
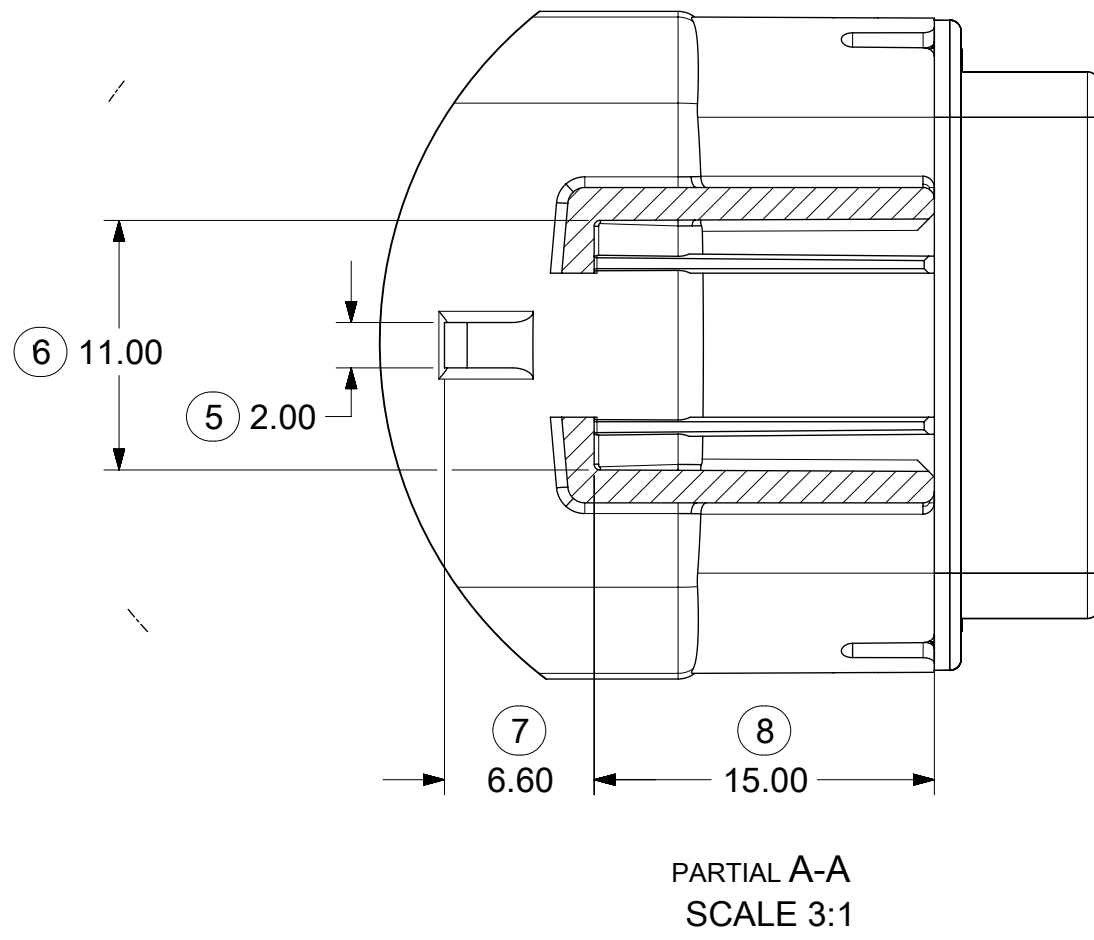
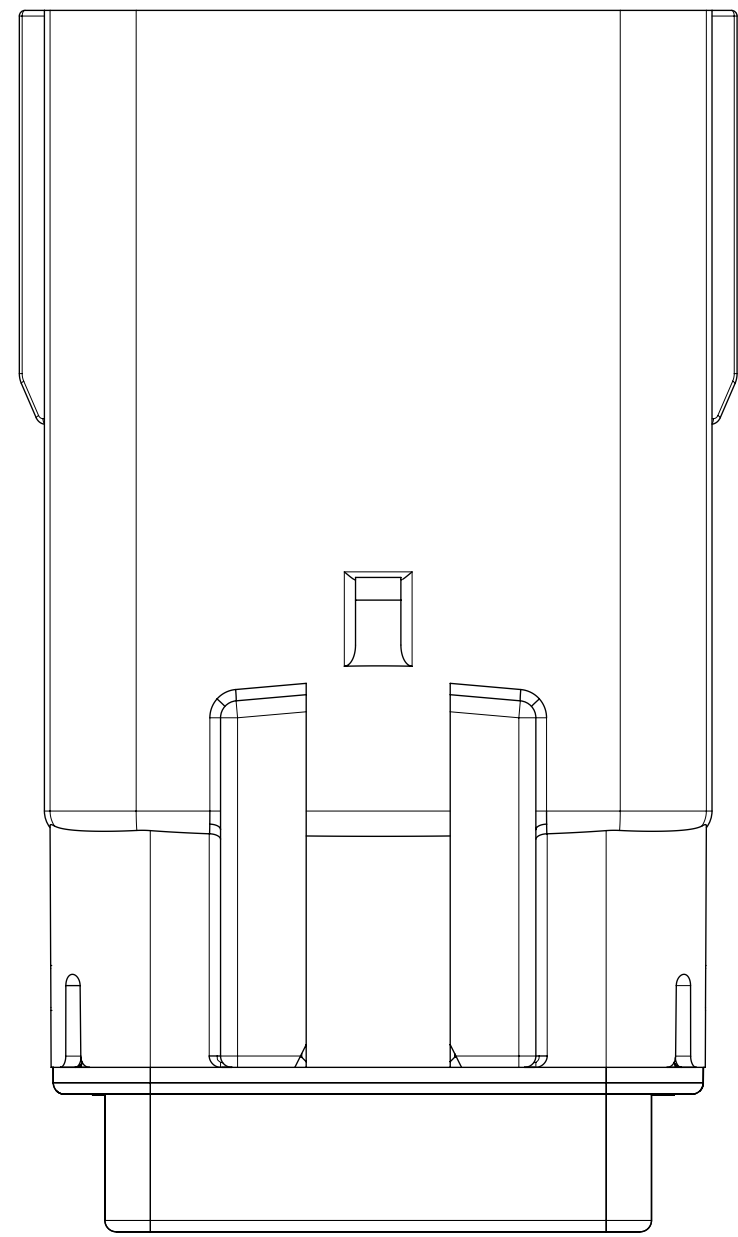
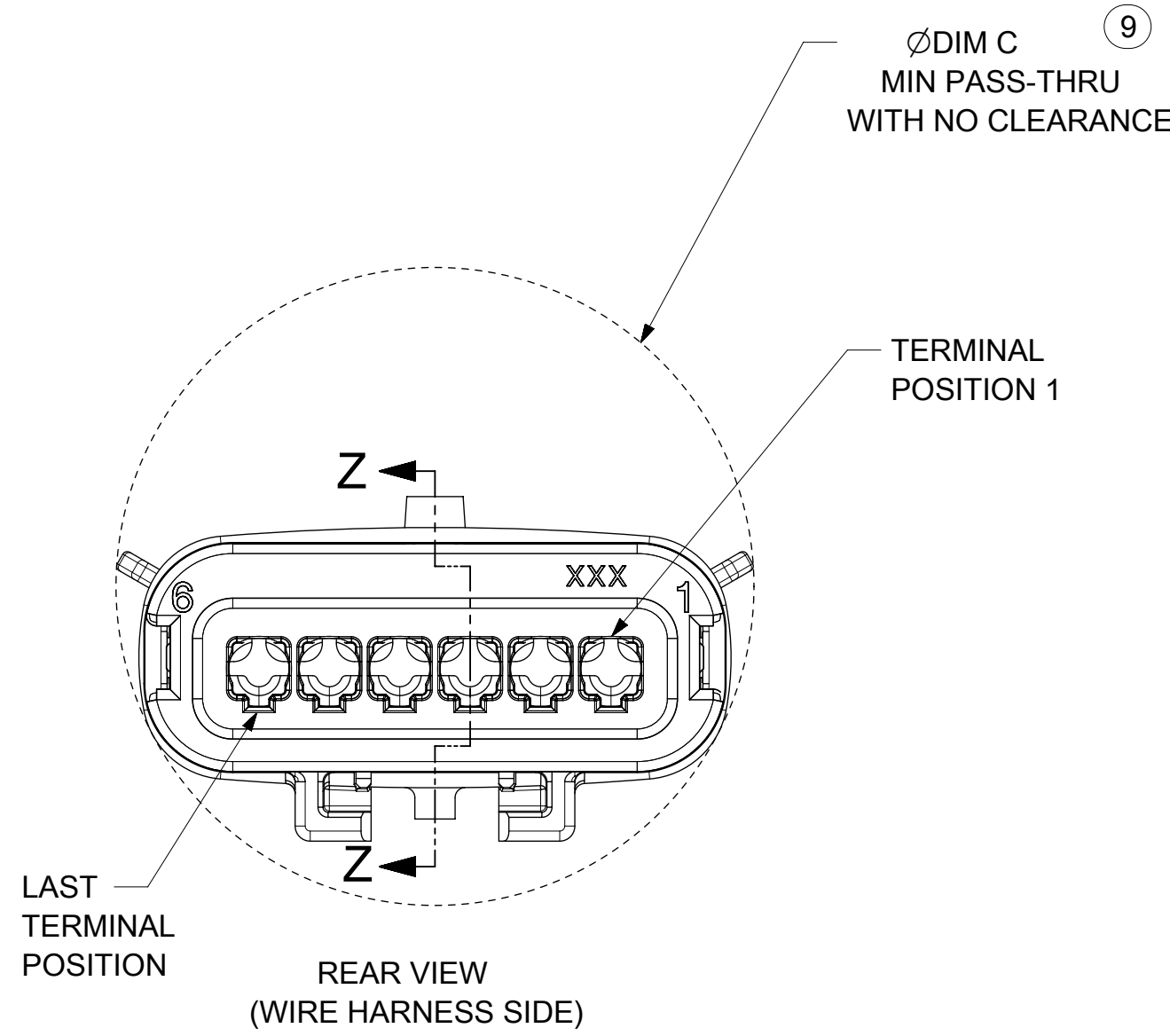
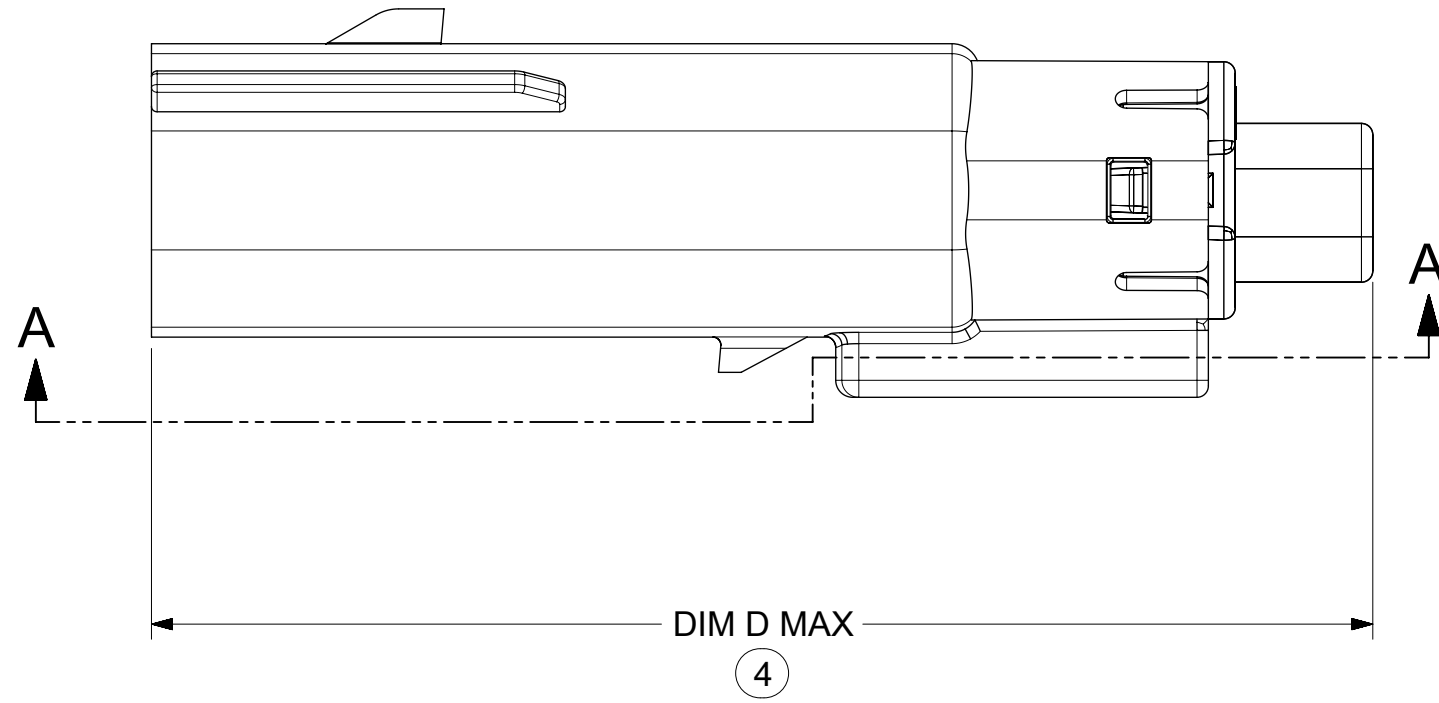
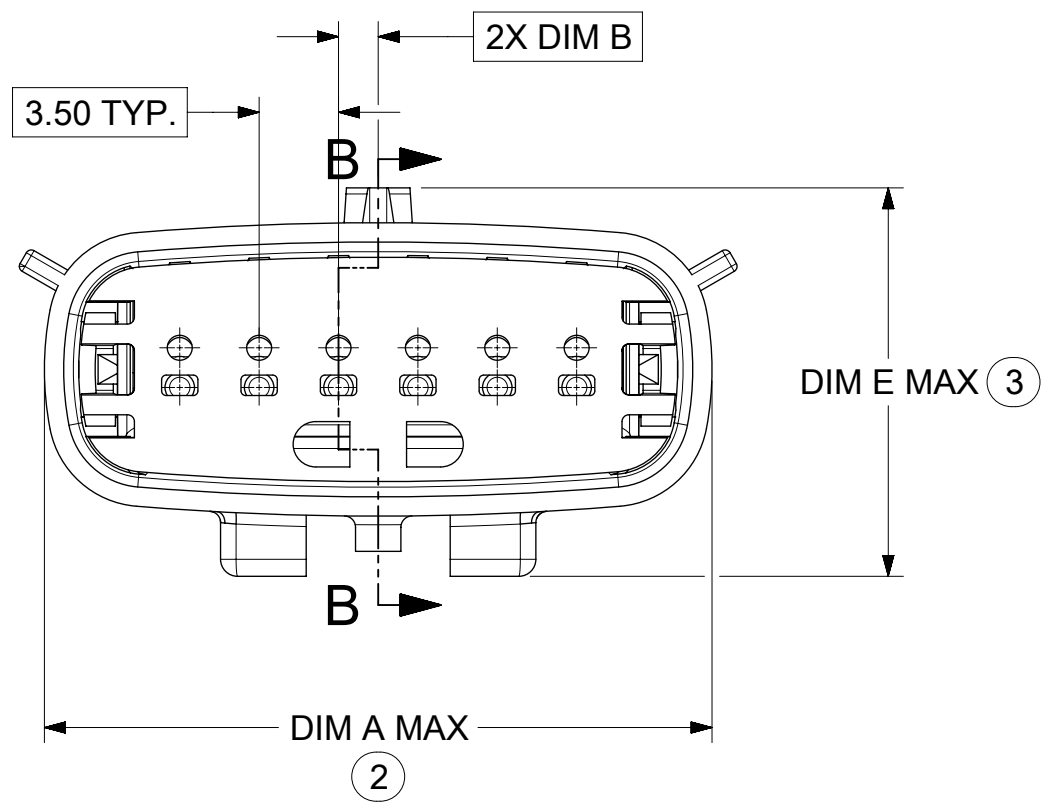
PRODUCT CUSTOMER DRAWING

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

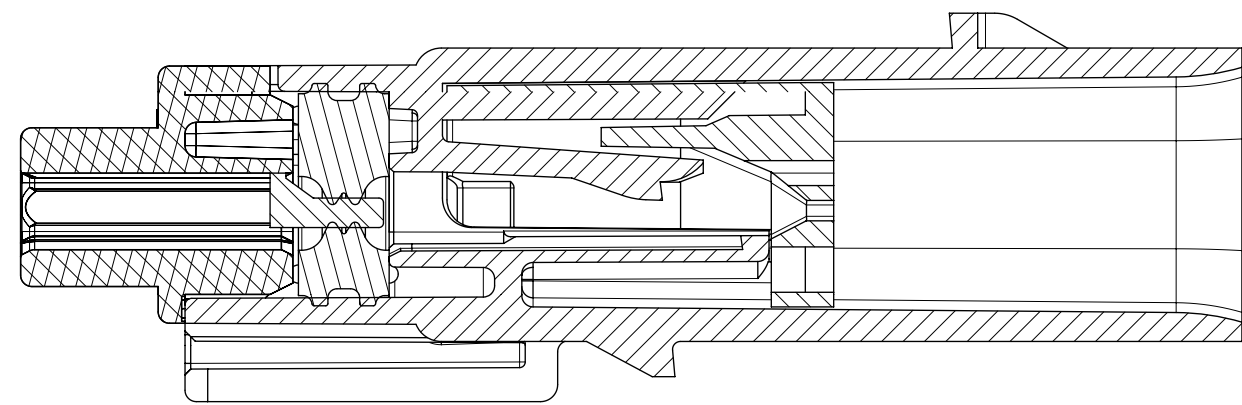
| DOCUMENT STATUS | P1 | RELEASE DATE | 2018/10/04 15:02:02 |
|-----------------|----|--------------|---------------------|
|-----------------|----|--------------|---------------------|

## 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



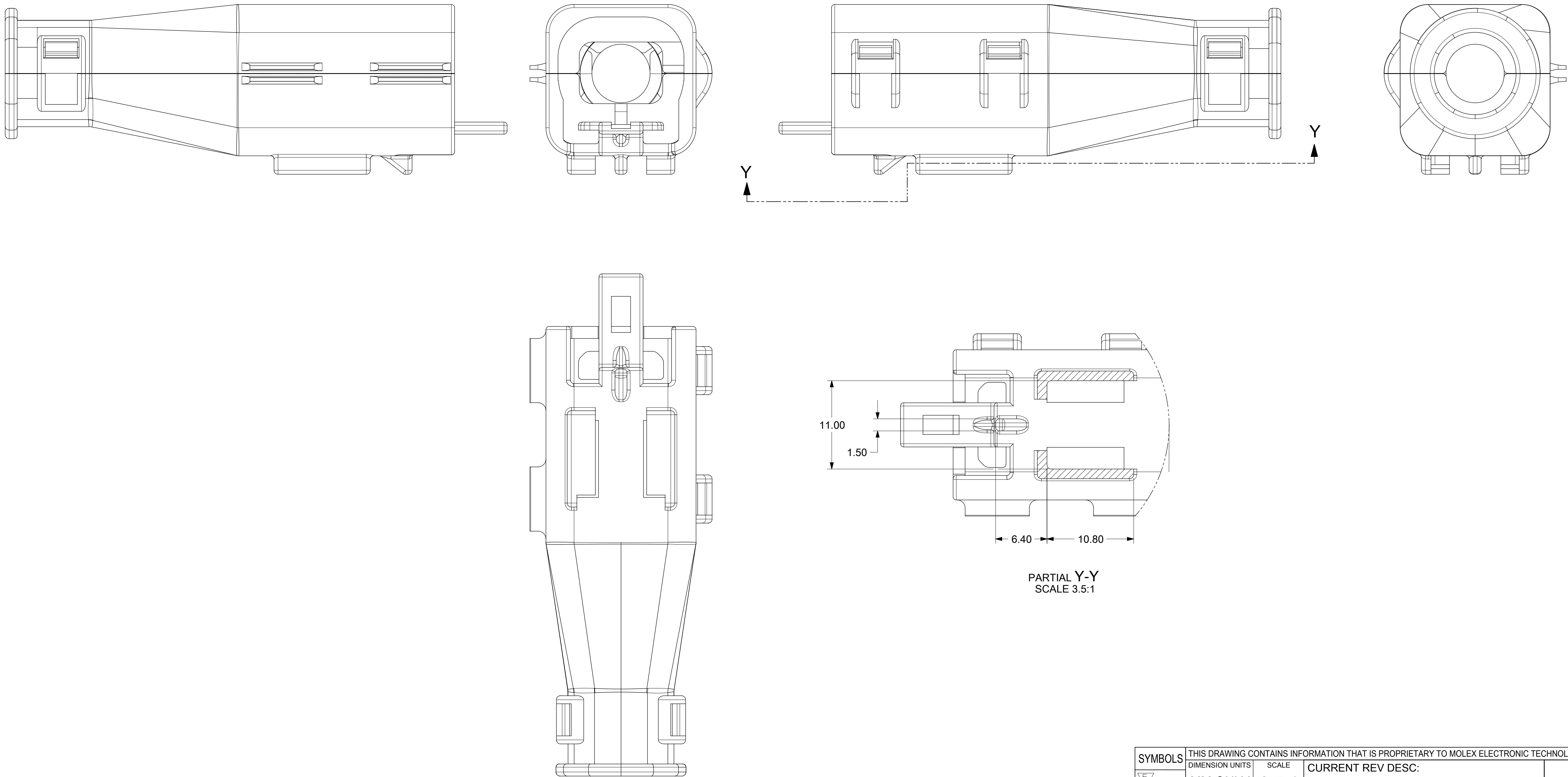
PRIMARY LOCK REINFORCEMENT (PLR) SHOWN  
IN FINAL-LOCK POSITION

SECTION Z-Z

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

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

SHEET DESCRIPTION  
BACKSHELL

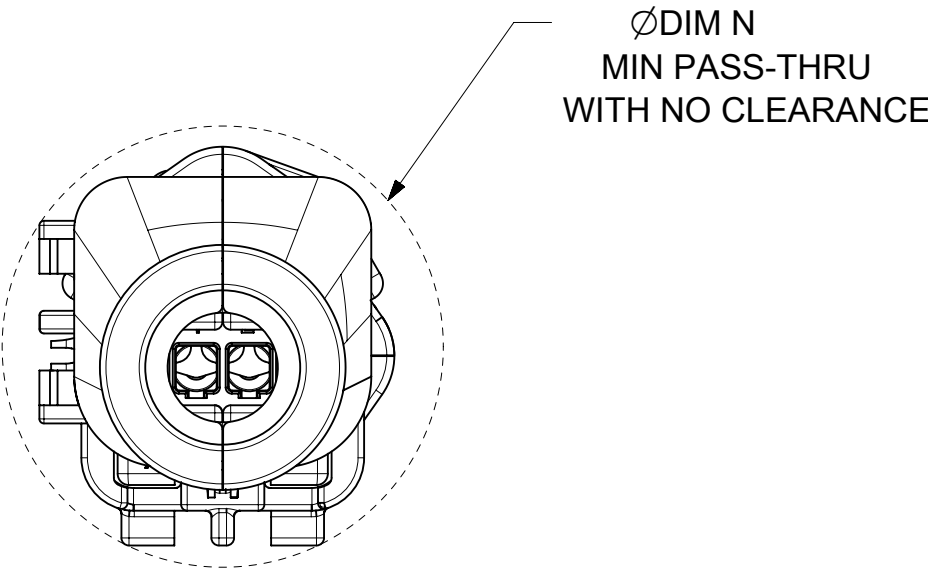
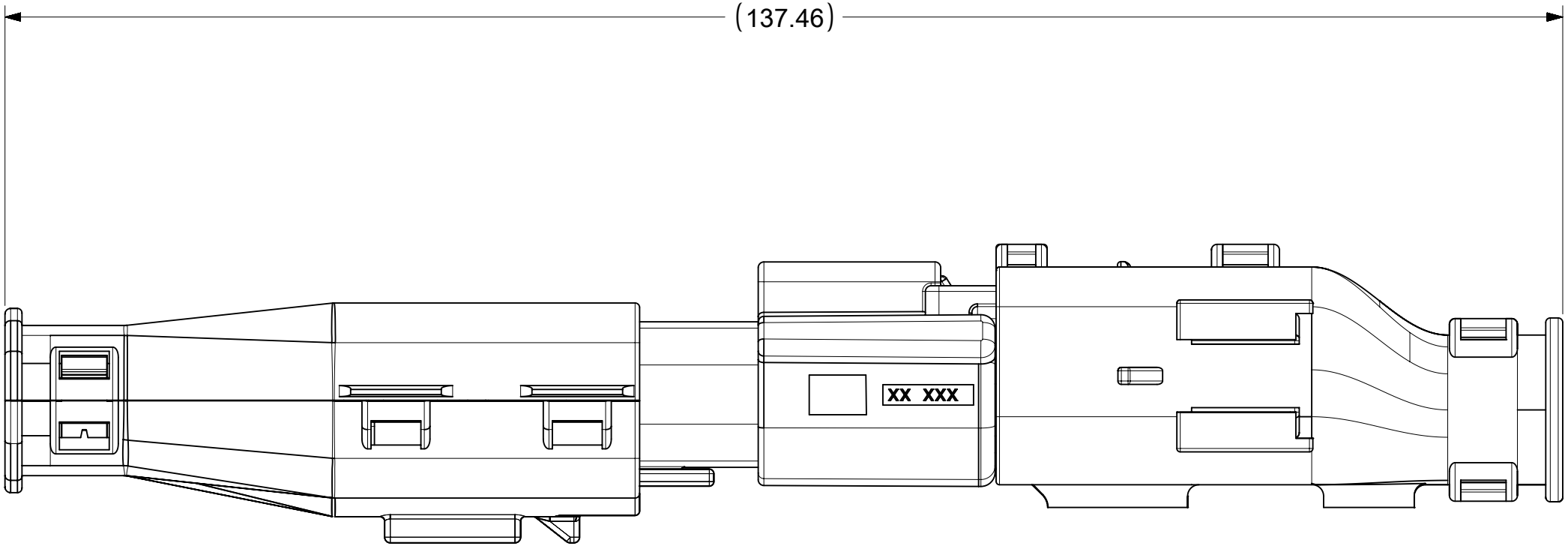


| SYMBOLS |     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                |
|---------|-----|---|----------------|
|         | = 0 | DIMENSION UNITS   | SCALE          |
|         | = 0 | MM ONLY   | 3.5:1          |
|         | = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED)   |                |
|         | = 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         |

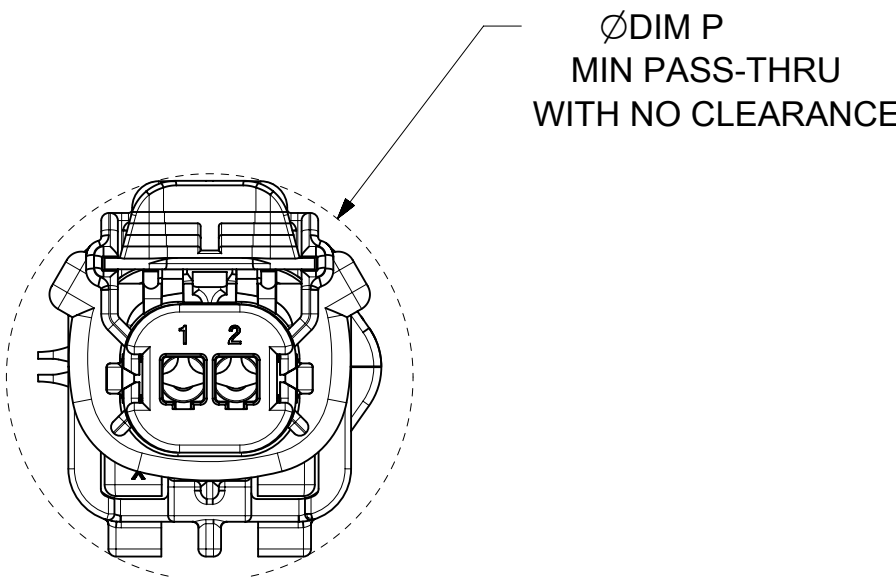
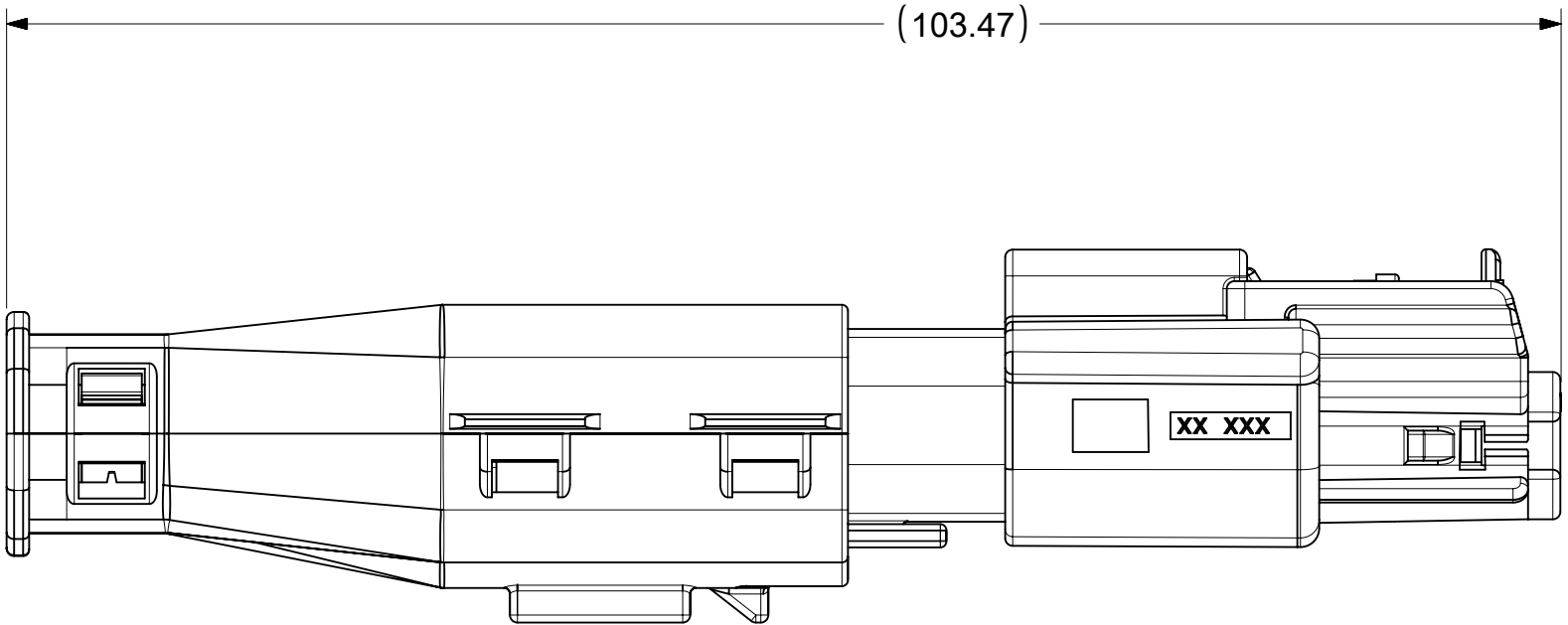
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|---------------------|--|---------------------------------|----------|
| CURRENT REV DESC:   |  | <b>molex</b>                    |          |
| EC NO: 602373       |  | MX150 BLADE                     |          |
| DRWN: DSHETTY01     |  | SINGLE 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

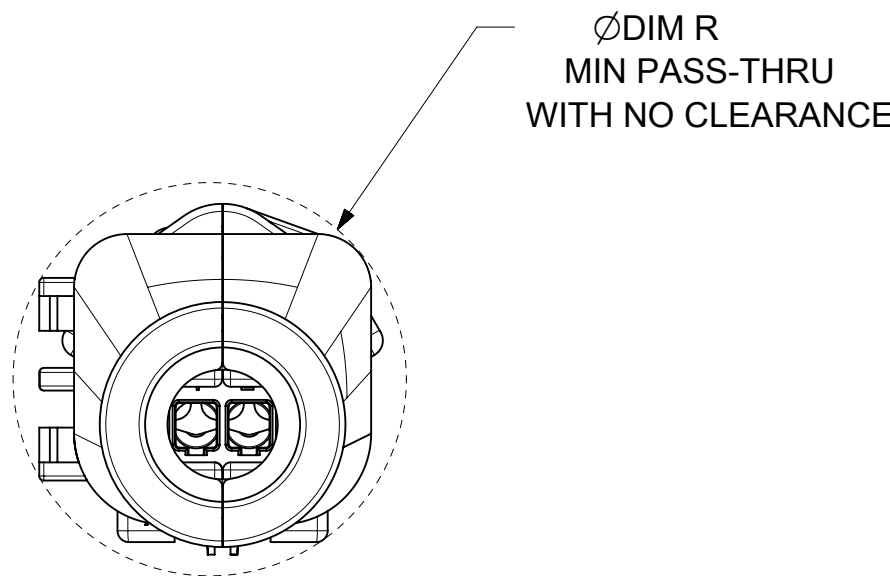
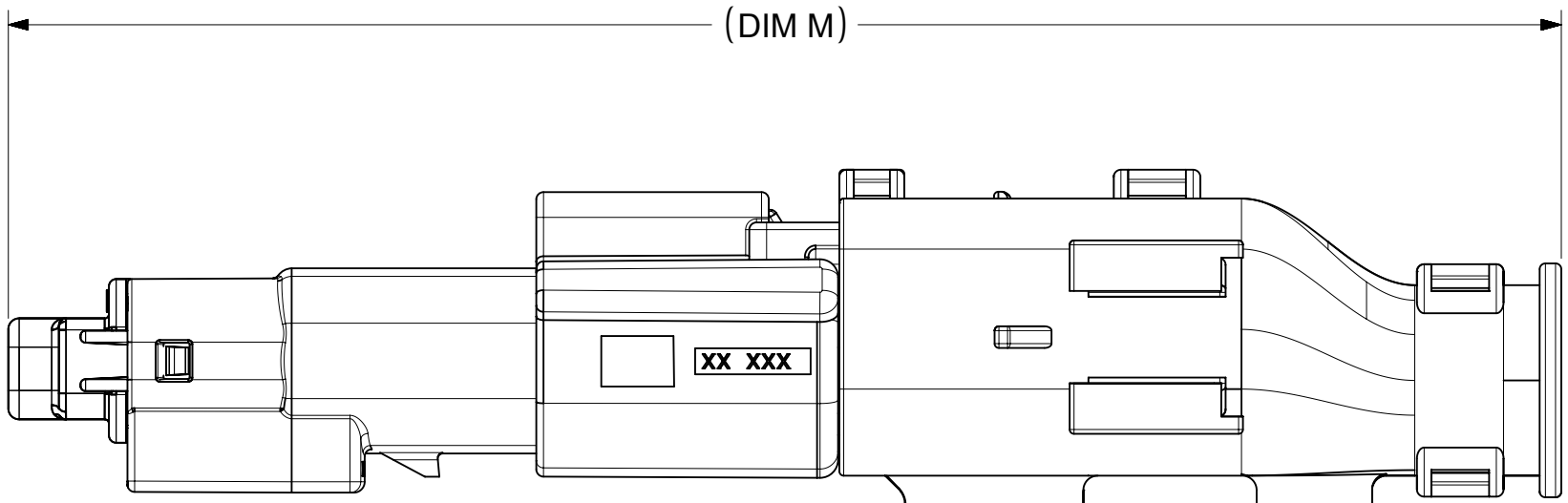
| CHARTED DIMENSIONS |                     |                          |            |       |       |       |       |
|--------------------|---------------------|--------------------------|------------|-------|-------|-------|-------|
| CKT                | BLADE CONFIGURATION | RECEPTACLE CONFIGURATION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



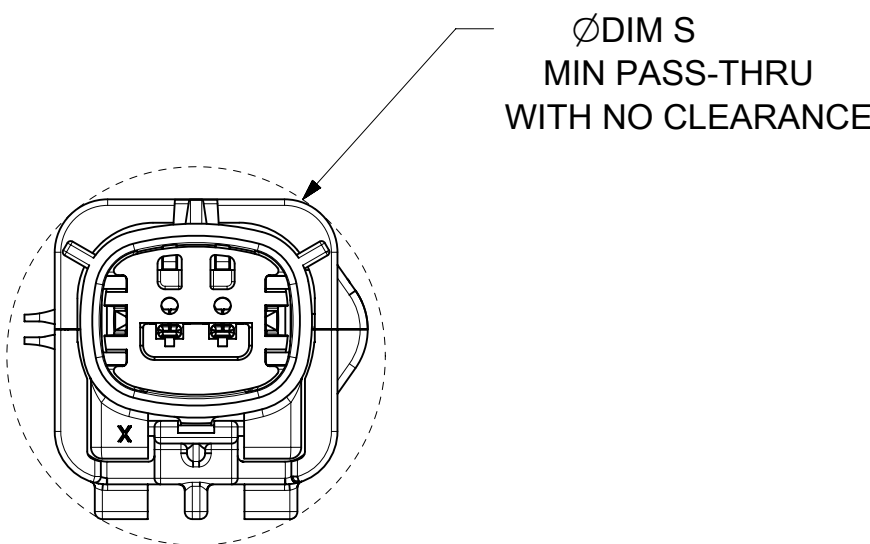
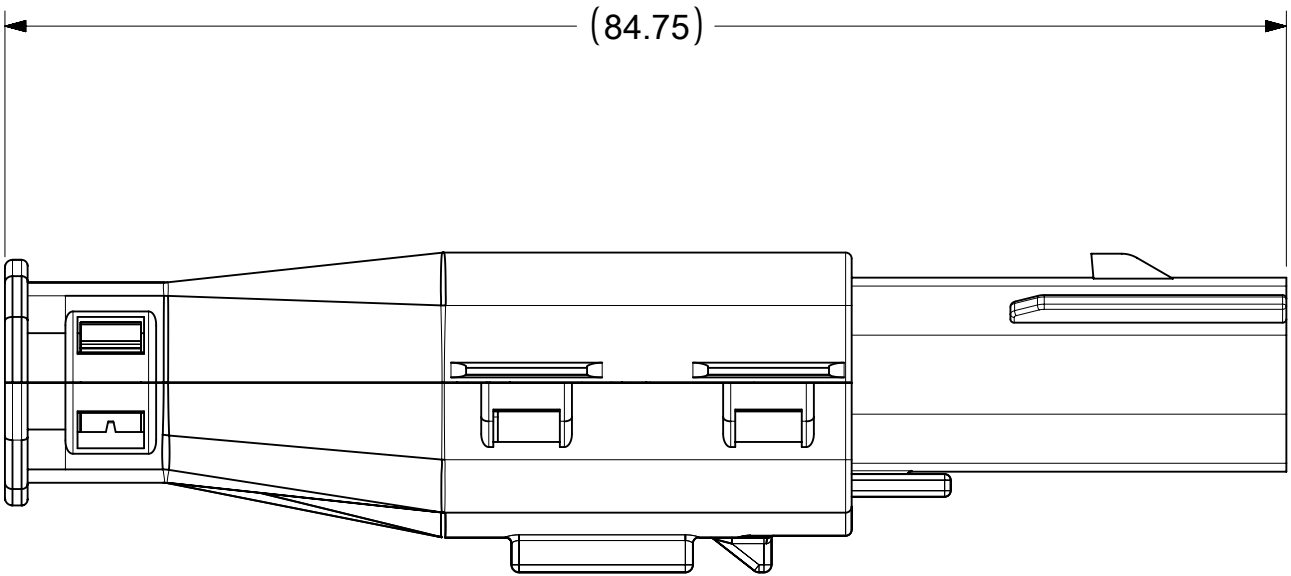
OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL



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 |  |                        |         |   |       |  |  |  |                |          |                 |          |
|---|---|--|------------------------|---------|---|-------|--|--|--|----------------|----------|-----------------|----------|
| <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></div><div><div><div></div></div></div></div> | DIMENSION UNITS   |  | SCALE                  |         | CURRENT REV DESC:<br><br>EC NO: 602373<br>DRWN: DSHETTY01 2018/05/25<br>CHK'D: MVANSLAMBROU 2018/10/04<br>APPR: MVANSLAMBROU 2018/10/04<br><br>INITIAL REVISION:<br>DRWN: APROFFITT 2015/07/21<br>APPR: KDEKOSKI 2016/06/14 |       |  | <div>mo</div> <div>lex</div>                   |  |                |          |                 |          |
|   | MM ONLY   |  | 2:1                    |         |   |       |  |  |  |                |          |                 |          |
|   | GENERAL TOLERANCES (UNLESS SPECIFIED)   |  |                        |         |   |       |  |  |  |                |          |                 |          |
|   | ANGULAR TOL   |  | ± 1.0 °                |         |   |       |  | MX150 BLADE<br>SINGLE ROW SEALED ASSY MAT SEAL |  |                |          |                 |          |
|   | 4 PLACES  |  | ±                      |         |   |       |  |  |  |                |          |                 |          |
|   | 3 PLACES  |  | ±                      |         |   |       |  |  |  |                |          |                 |          |
|   | 2 PLACES  |  | ± 0.1                  |         |   |       |  | PRODUCT CUSTOMER DRAWING                       |  |                |          |                 |          |
|   | 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 |          |
|   |   |  |                        | A1-SIZE |   | 33481 |  | SEE NOTE 2a.                                   |  | GENERAL MARKET | 9 OF 9   |                 |          |

molex

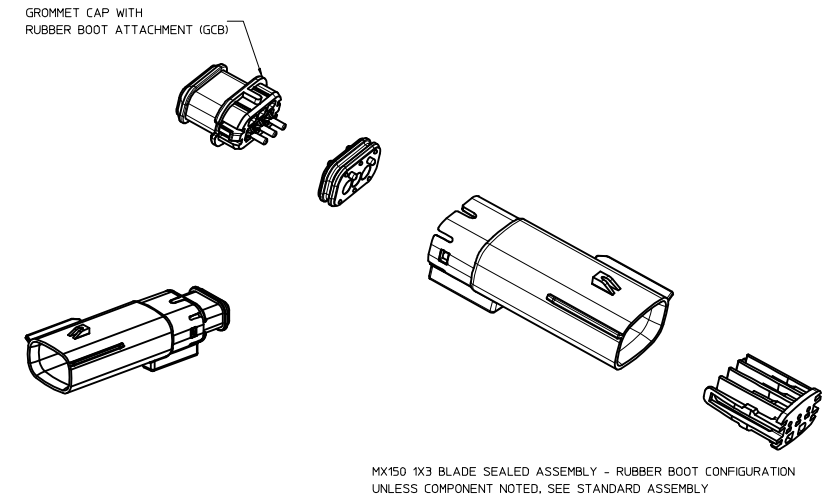
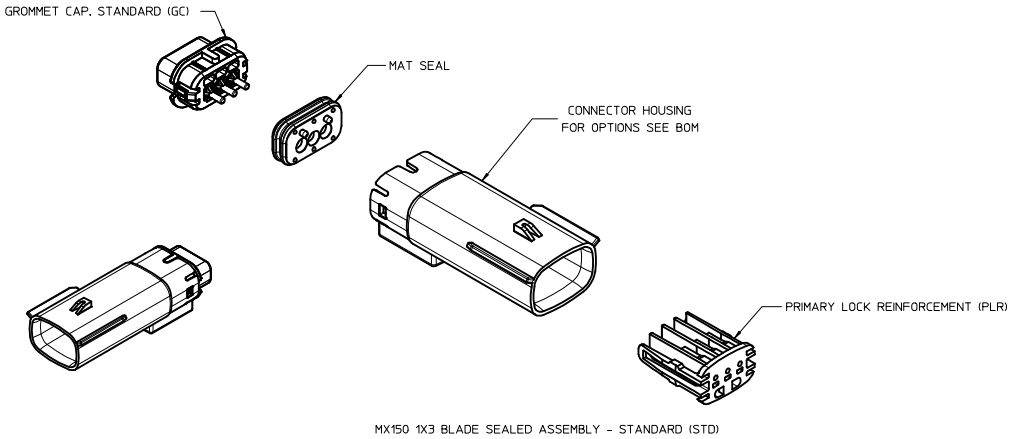
MX150 BLADE  
SINGLE ROW SEALED ASSY MAT SEAL

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 | 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     |



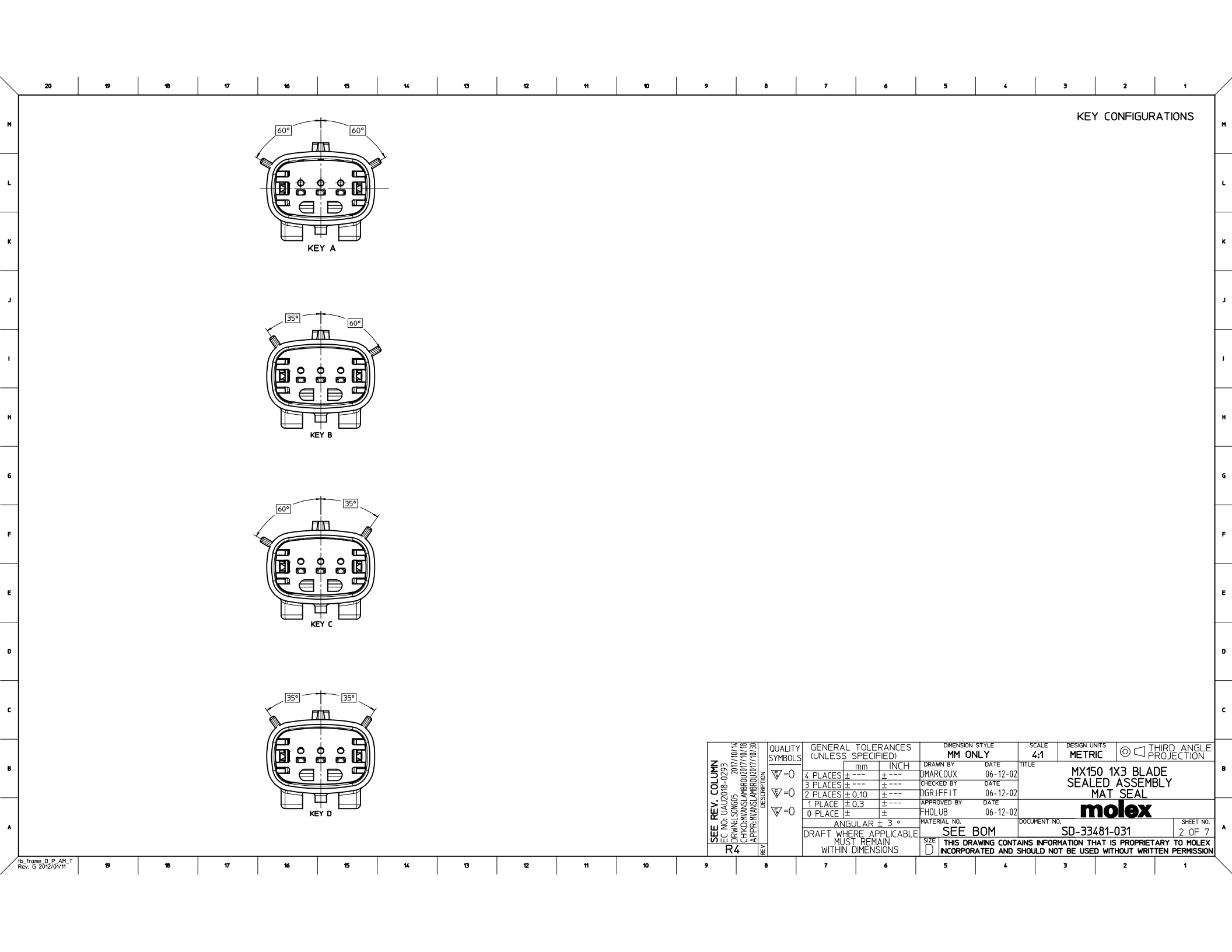
NOTES: VALID UNLESS OTHERWISE SPECIFIED

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) <<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 PS-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

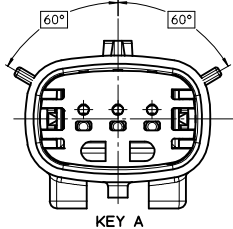
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LAST NUMBER USED: 21  
ADDED:  
REMOVED:

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| SEE REV. COLUMN<br>EC NO: UAU2018-0293<br>DRAWN: SONG05 2017/10/14<br>CHKD: MANSI.AMBROU 2017/10/18<br>APPR: MANSI.AMBROU 2017/10/30 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED):<br><br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± 0.10 ± ---<br>2 PLACES ± 0.3 ± ---<br>1 PLACE ± ± ---<br>0 PLACE ± ± ---<br><br>ANGULAR ± 3 °<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS | DIMENSION STYLE<br>MM ONLY<br>DRAWN BY DATE<br>DMARCOUX 06-12-02<br>CHECKED BY DATE<br>DGRIFIT 06-12-02<br>APPROVED BY DATE<br>FHOLUB 06-12-02 | SCALE<br>3:1<br>METRIC<br>THIRD ANGLE PROJECTION | TITLE<br>MX150 1X3 BLADE<br>SEALED ASSEMBLY<br>MAT SEAL<br><b>molex</b> | MATERIAL NO.<br>SEE BOM | DOCUMENT NO.<br>SD-33481-031 | SHEET NO.<br>1 OF 7 |
|  |                                      |   |  |  |   |                         |                              |                     |
|  |                                      |   |  |  |   |                         |                              |                     |
|  |                                      |   |  |  |   |                         |                              |                     |
|  |                                      |   |  |  |   |                         |                              |                     |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION        |                                      |   |  |  |   |                         |                              |                     |

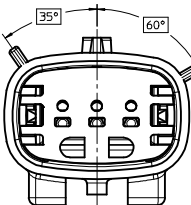




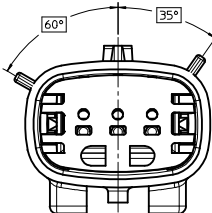
KEY CONFIGURATIONS



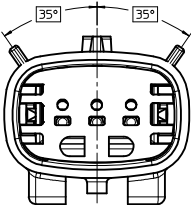
KEY A



KEY B



KEY C

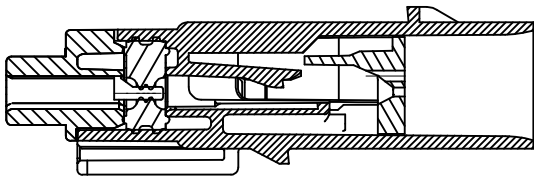
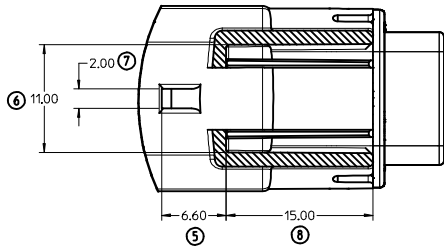
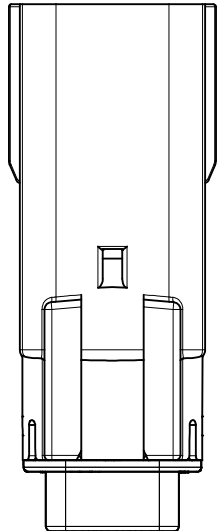
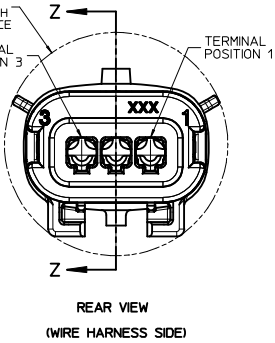
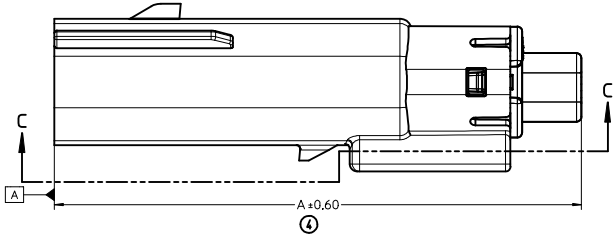
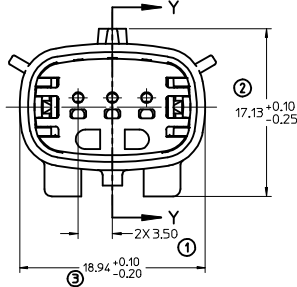
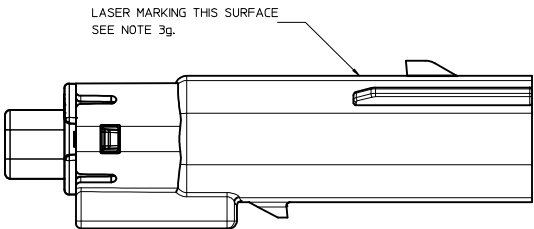


KEY D

|  |                     |  |                         |  |                              |   |                        |                        |
|--|---------------------|--|-------------------------|--|------------------------------|---|------------------------|------------------------|
| SEE REV. COLUMN<br>EC NO. UAU2018-0293<br>DRAWN: SONG05 2017/10/14<br>CHKD: WJANSI, AMBROU 2017/10/18<br>APPR: WJANSI, AMBROU 2017/10/30<br>R4 | QUALITY SYMBOLS     | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |                         | DIMENSION STYLE<br>MM ONLY   |                              | SCALE<br>4:1  | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |
|  | ▽=0                 | mm INCH  |                         | DRAWN BY<br>DMARCOUX   | DATE<br>06-12-02             | TITLE<br>MX150 1X3 BLADE<br>SEALED ASSEMBLY<br>MAT SEAL |                        |                        |
|  | ▽=0                 | 4 PLACES ± --- ± ---                                       |                         | CHECKED BY<br>DGRIFFIT   | DATE<br>06-12-02             | molex   |                        |                        |
|  | ▽=0                 | 3 PLACES ± --- ± ---                                       |                         | APPROVED BY<br>FHOLUB  | DATE<br>06-12-02             |   |                        |                        |
|  | 1 PLACE ± 0.3 ± --- |  | MATERIAL NO.<br>SEE BOM |  | DOCUMENT NO.<br>SD-33481-031 |   |                        |                        |
| REV  | DESCRIPTION         | ANGULAR ± 3 °  |                         | SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                              | SHEET NO.<br>2 OF 7                                     |                        |                        |
|  |                     | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                         |  |                              |   |                        |                        |

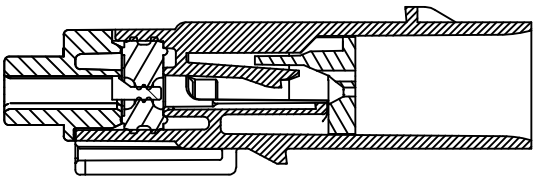
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

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

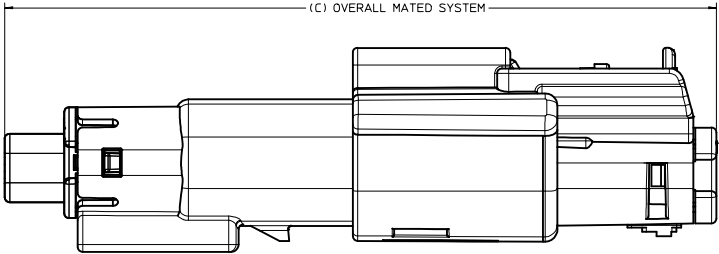
| CHARTED DIMENSIONS  |       |
|---|-------|
| CONFIGURATION   | A     |
| MX150 1X3 BLADE SEALED ASSEMBLY - STANDARD                  | 53.85 |
| MX150 1X3 BLADE SEALED ASSEMBLY - RUBBER BOOT CONFIGURATION | 57.85 |

|   |                                      |   |   |  |  |                         |                              |                     |
|---|--------------------------------------|---|---|--|--|-------------------------|------------------------------|---------------------|
| SEE REV. COLUMN<br>EC NO: UAU2018-0293<br>DRAWN: SONGS 2017/10/14<br>CHKD: WJANS/ANBROU/2017/10/18<br>APPR: WJANS/ANBROU/2017/10/30<br>R4 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.10 ± ---<br>1 PLACE ± 0.3 ± ---<br>0 PLACE ± ±<br>ANGULAR ± 3 °<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE<br>MM ONLY<br>DRAWN BY DATE<br>DMARCOUX 06-12-02<br>CHECKED BY DATE<br>DGRIFFIT 06-12-02<br>APPROVED BY DATE<br>FHOLUB 06-12-02 | SCALE<br>4:1<br>DESIGN UNITS<br>METRIC<br>THIRD ANGLE PROJECTION | TITLE<br>MX150 1X3 BLADE SEALED ASSEMBLY MAT SEAL<br>molex | MATERIAL NO.<br>SEE BOM | DOCUMENT NO.<br>SD-33481-031 | SHEET NO.<br>3 OF 7 |
|   |                                      |   |   |  |  |                         |                              |                     |
|   |                                      |   |   |  |  |                         |                              |                     |
|   |                                      |   |   |  |  |                         |                              |                     |

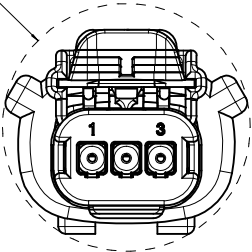
19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

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

SYSTEM PACKAGING



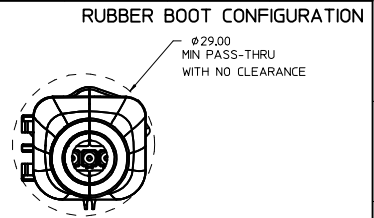
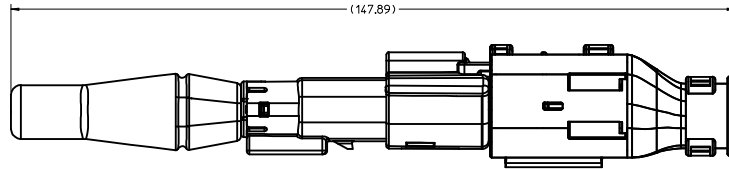
Ø25.30  
MIN. PASS-THROUGH  
WITH NO CLEARANCE



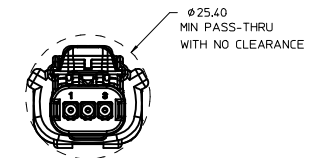
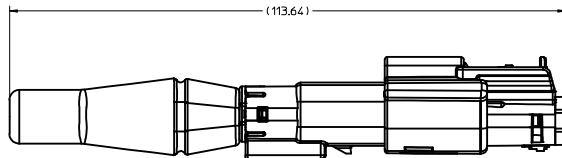
| CHARTED DIMENSIONS  |       |
|---|-------|
| CONFIGURATION   | C     |
| MX150 1X3 BLADE SEALED ASSEMBLY - STANDARD                  | 72.71 |
| MX150 1X3 BLADE SEALED ASSEMBLY - RUBBER BOOT CONFIGURATION | 76.71 |

|  |                                      |  |   |  |  |                         |                              |                     |
|--|--------------------------------------|--|---|--|--|-------------------------|------------------------------|---------------------|
| SEE REV. COLUMN<br>EC NO: UAU2018-0293<br>DRAWN: SONG05 2017/10/14<br>CHKD: WJANSI, AMBROU 2017/10/18<br>APPR: WJANSI, AMBROU 2017/10/30 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.10 ± ---<br>1 PLACE ± 0.3 ± ---<br>0 PLACE ± ±<br>ANGULAR ± 3 °<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE<br>MM ONLY<br>DRAWN BY DATE<br>DMARCOUX 06-12-02<br>CHECKED BY DATE<br>DGRIFFIT 06-12-02<br>APPROVED BY DATE<br>FHOLUB 06-12-02 | SCALE<br>4:1<br>DESIGN UNITS<br>METRIC<br>THIRD ANGLE PROJECTION | TITLE<br>MX150 1X3 BLADE SEALED ASSEMBLY MAT SEAL<br>molex | MATERIAL NO.<br>SEE BOM | DOCUMENT NO.<br>SD-33481-031 | SHEET NO.<br>4 OF 7 |
|  |                                      |  |   |  |  |                         |                              |                     |
|  |                                      |  |   |  |  |                         |                              |                     |
|  |                                      |  |   |  |  |                         |                              |                     |

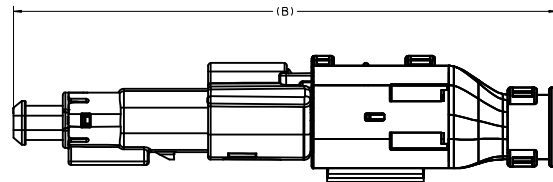
19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



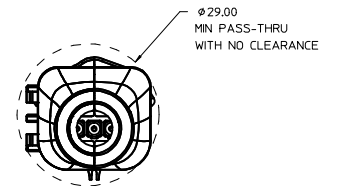
OVERALL MATED SYSTEM WITH BLADE RUBBER BOOT AND RECEPTACLE BACKSHELL



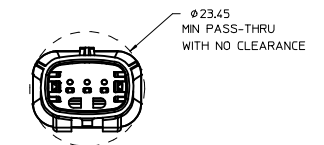
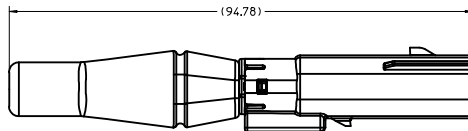
OVERALL MATED SYSTEM WITH BLADE RUBBER BOOT




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



OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL



BLADE SEALED ASSEMBLY WITH BLADE RUBBER BOOT

|  |                                      |             |  |  |  |                  |   |                        |  |
|--|--------------------------------------|-------------|--|--|--|------------------|---|------------------------|--|
| SEE REV. COLUMN<br>EC NO: UAU2018-0293<br>DRAWN: SONGS 2017/10/14<br>CHKD: WJANS/AMROU 2017/10/18<br>APPR: WJANS/AMROU 2017/10/30<br>REV<br>R4 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |  | DIMENSION STYLE<br>MM ONLY   |                  | SCALE<br>2:1  | DESIGN UNITS<br>METRIC |  THIRD ANGLE PROJECTION |
|  |                                      |             |  |  | DRAWN BY<br>DMARCOUX   | DATE<br>06-12-02 | TITLE<br>MX150 1X3 BLADE<br>SEALED ASSEMBLY<br>MAT SEAL |                        |  |
|  |                                      |             |  |  | CHECKED BY<br>DGRIFFIT   | DATE<br>06-12-02 | DOCUMENT NO.<br>SD-33481-031                            |                        |  |
|  |                                      |             |  |  | APPROVED BY<br>FHOLUB  | DATE<br>06-12-02 |   |                        |  |
|  |                                      |             | ANGULAR ± 3 °  |  | MATERIAL NO.<br>SEE BOM  |                  | SHEET NO.<br>5 OF 7                                     |                        |  |
|  |                                      |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                  |   |                        |  |

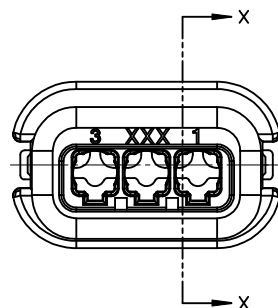
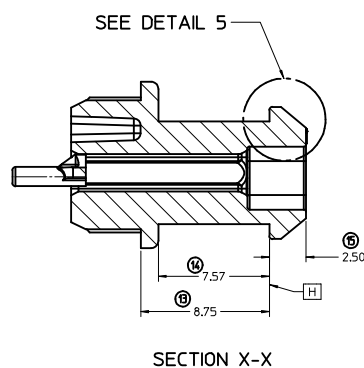
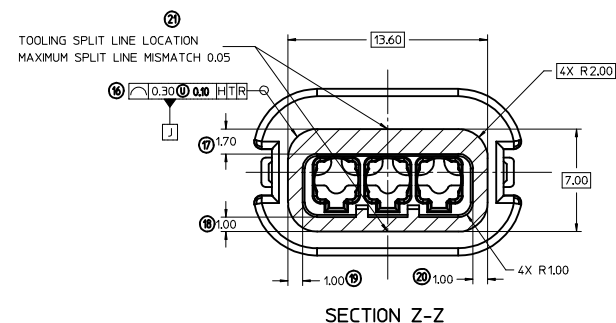
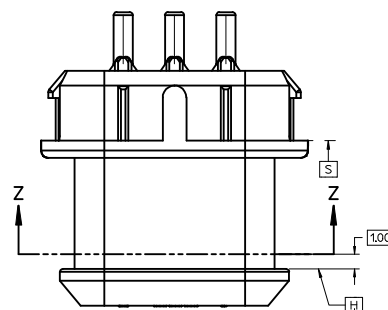
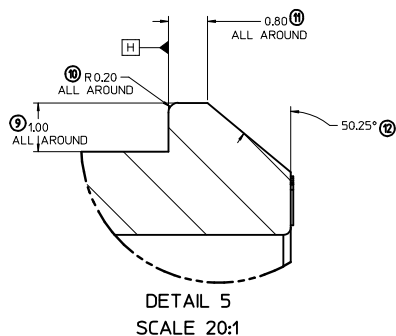
BOM

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

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

|   |   |  |  |       |              |              |                           |  |  |
|---|---|--|--|-------|--------------|--------------|---------------------------|--|--|
| SEE REV. COLUMN<br>SEC NO. UAU2018-0293<br>DRAWN: SONGOS 2017/10/14<br>CHKD: MYANS LAMBROU 2017/10/18<br>APPR: MYANS LAMBROU 2017/10/30<br><br>R4 | QUALITY<br>SYMBOLS<br><br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)   | DIMENSION STYLE  |       | SCALE        | DESIGN UNITS | THIRD ANGLE<br>PROJECTION |  |  |
|   |   |  | MM ONLY  |       |              | METRIC       |                           |  |  |
|   |   |  | mm   | INCH  | DRAWN BY     | DATE         |                           | TITLE  |  |
|   |   |  | 4 PLACES ±.---   | ±.--- | DMARCOUX     | 06-12-02     |                           | MX150 1X3 BLADE<br>SEALED ASSEMBLY<br>MAT SEAL<br><br><b>molex</b> |  |
|   |   |  | 3 PLACES ±.---   | ±.--- | CHECKED BY   | DATE         |                           |  |  |
|   |   |  | 2 PLACES ±0.10   | ±.--- | DGRIFFIT     | 06-12-02     |                           |  |  |
|   |   |  | 1 PLACE ±0.3   | ±.--- | APPROVED BY  | DATE         |                           |  |  |
|   |   |  | 0 PLACE ±  | ±     | FHOLUB       | 06-12-02     |                           |  |  |
|   |   |  | ANGULAR ± 3 °  |       | MATERIAL NO. | DOCUMENT NO. |                           |  |  |
|   |   |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       | SEE BOM      |              |                           | SD-33481-031   |  |
| REV   | SIZE  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |       |              |              |                           |  |  |

# RUBBER BOOT INTERFACE



| REV | DESCRIPTION     | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |      |   | DIMENSION STYLE   |     | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION   |
|-----|-----------------|-----------------|---------------------------------------|------|---|---|-----|-------|--------------|--|
|     |                 |                 | mm                                    | inch |   | MM ONLY   |     |       |              |  |
| R4  | SEE REV. COLUMN | ▽=0             | 4 PLACES ±                            | ---  | ± | ---   | --- | 2:1   | METRIC       | MX150 1X3 BLADE<br>SEALED ASSEMBLY<br>MAT SEAL<br><b>molex</b> |
|     |                 | ▽=0             | 3 PLACES ±                            | ---  | ± | ---   | --- |       |              |  |
|     |                 | ▽=0             | 2 PLACES ±                            | 0.10 | ± | ---   | --- |       |              |  |
|     |                 | ▽=0             | 1 PLACE ±                             | 0.3  | ± | ---   | --- |       |              |  |
|     |                 |                 | 0 PLACE ±                             |      | ± |   |     |       |              |  |
|     |                 |                 | ANGULAR ± 3 °                         |      |   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |     |       |              |  |
|     |                 |                 |                                       |      |   | SIZE D  |     |       |              |  |
|     |                 |                 |                                       |      |   | MATERIAL NO. SEE BOM  |     |       |              |  |
|     |                 |                 |                                       |      |   | DRAWN BY DMARCOUX   |     |       |              |  |
|     |                 |                 |                                       |      |   | CHECKED BY DGRIFFIT   |     |       |              |  |
|     |                 |                 |                                       |      |   | APPROVED BY FHOLUB  |     |       |              |  |
|     |                 |                 |                                       |      |   | DATE 06-12-02   |     |       |              |  |
|     |                 |                 |                                       |      |   | DATE 06-12-02   |     |       |              |  |
|     |                 |                 |                                       |      |   | DOCUMENT NO. SD-33481-031   |     |       |              |  |
|     |                 |                 |                                       |      |   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |     |       |              |  |