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| 5                 | RECEPTACLE CONNECTOR ASSEMBLY |
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| 7                 | BACKSHELL                     |
| 8                 | BACKSHELL CONFIGURATIONS      |

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-33472-100
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
  - DESIGNED TO MATE WITH DEVICE OR CONNECTOR AS SPECIFIED IN THE MATING INTERFACE/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: SEE PACKAGING CHART
- d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-301
- e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

2. DESIGN - MATERIALS:

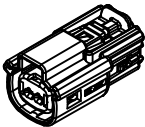
- a. FOR BILL OF MATERIALS SEE:
- STANDARD CONFIGURATION SD-33471-0002
  - UL V0 CONFIGURATION SD-160105-0002

3. DESIGN - GEOMETRY:

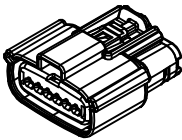
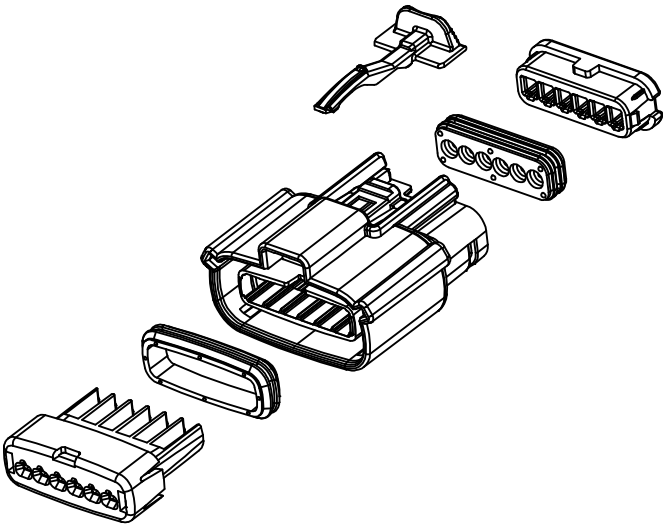
- a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS, DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
- c. EDGES AND UNDIMENSIONED 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.

| PACKAGING   |              |
|-------------|--------------|
| DESCRIPTION | DRAWING NO.  |
| 1X2         | PK-31300-635 |
|             |              |
|             |              |
|             |              |
| 1X6         | PK-31300-903 |

| MATING INTERFACE/CONNECTOR DRAWINGS |                      |               |
|-------------------------------------|----------------------|---------------|
| DESCRIPTION                         | INTERFACE DEFINITION | MOLEX INLINE  |
| 1X2                                 | *150-S-002-1-Z05     | SD-33481-0001 |
|                                     |                      |               |
|                                     |                      |               |
|                                     |                      |               |
| 1X6                                 | *150-S-006-1-Z03     | SD-33481-0001 |



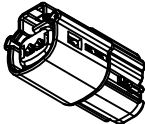
1x2



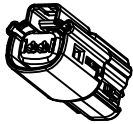
1x6

|                                                                                                                               |  |                            |                                 |
|-------------------------------------------------------------------------------------------------------------------------------|--|----------------------------|---------------------------------|
| INSPECTION NUMBER LOG                                                                                                         |  | A                          | MINOR GEOMETRY CHANGE FOR UL V0 |
| LAST NUMBER: 11                                                                                                               |  | 2                          | UPDATE VIEWSETS                 |
| ADDED: 11                                                                                                                     |  | 1                          | INITIAL RELEASE                 |
| REMOVED:                                                                                                                      |  | REV                        | REV DESCRIPTION                 |
| SCALE 1.5:1                                                                                                                   |  | SCALE                      | DESIGN UNITS METRIC             |
| DIMENSION STYLE MM ONLY                                                                                                       |  | THIRD ANGLE PROJECTION     |                                 |
| DRAWN BY DATE                                                                                                                 |  | TITLE                      |                                 |
| APPROVED BY DATE                                                                                                              |  | MX150 RCPT                 |                                 |
| MATERIAL NO.                                                                                                                  |  | SINGLE ROW SEALED ASSY     |                                 |
| SIZE 1                                                                                                                        |  | MAT SEAL                   |                                 |
| SEE NOTE 2a.                                                                                                                  |  | molex                      |                                 |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  | DOCUMENT NO. SD-33471-0001 |                                 |
|                                                                                                                               |  | SHEET NO. 1 OF 8           |                                 |

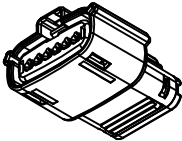
SHEET DESCRIPTION  
CONFIGURATIONS



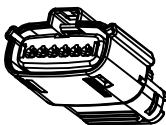
1x2 - STD



1x2 - UL V0\*



1x6 - STD



1x6 - UL V0\*

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

|                                                                                         |                          |                    |                                      |                                                            |  |      |  |                                                                                                                                  |                    |                                                                                            |                        |                        |
|-----------------------------------------------------------------------------------------|--------------------------|--------------------|--------------------------------------|------------------------------------------------------------|--|------|--|----------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------|------------------------|------------------------|
| ENTER DESCRIPTION<br>EC NO: UAU2016-1641<br>DRAWN BY: CHYKD<br>CHKD: APPR:KDEKOSKI<br>A | 2016/05/10<br>2016/06/14 | DESCRIPTION<br>REV | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |  |      |  | DIMENSION STYLE<br>MM ONLY                                                                                                       |                    | SCALE<br>1.5:1                                                                             | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |
|                                                                                         |                          |                    |                                      | mm                                                         |  | INCH |  | DRAWN BY<br>APPROFIT                                                                                                             | DATE<br>2015/11/04 | TITLE<br>MX150 RCPT<br>SINGLE ROW SEALED ASSY<br>MAT SEAL<br><b>molex</b><br>SD-33471-0001 |                        |                        |
|                                                                                         |                          |                    |                                      |                                                            |  |      |  | CHECKED BY                                                                                                                       | DATE               |                                                                                            |                        |                        |
|                                                                                         |                          |                    |                                      |                                                            |  |      |  | APPROVED BY<br>KDEKOSKI                                                                                                          | DATE<br>2016/06/14 |                                                                                            |                        |                        |
|                                                                                         |                          |                    |                                      |                                                            |  |      |  | MATERIAL NO.                                                                                                                     | SEE NOTE 2a.       |                                                                                            |                        |                        |
|                                                                                         |                          |                    |                                      | ANGULAR ± 1 °                                              |  |      |  | DOCUMENT NO.                                                                                                                     |                    | SHEET NO.<br>2 OF 8                                                                        |                        |                        |
|                                                                                         |                          |                    |                                      | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  |      |  | SIZE<br>A 1                                                                                                                      |                    |                                                                                            |                        |                        |
|                                                                                         |                          |                    |                                      |                                                            |  |      |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                                                            |                        |                        |

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| <div>SHEET DESCRIPTION</div> <div>KEY CONFIGURATIONS</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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|    |    |    |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |

ENTER DESCRIPTION  
EC NO: UAU2016-1641  
DRWN:BTANG 2016/05/10  
CHKD: CHYKD  
APPR:KDEKOSKI 2016/06/14  
REV

| QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                |       |
|-----------------|------------------------------------------------------|-------|
|                 | mm                                                   | INCH  |
| =0              | 4 PLACES ± ---                                       | ± --- |
| =0              | 3 PLACES ± ---                                       | ± --- |
| =0              | 2 PLACES ± 0.10                                      | ± --- |
| =0              | 1 PLACE ± 0.2                                        | ± --- |
| =0              | 0 PLACE ± ---                                        | ± --- |
|                 | ANGULAR ± 1 °                                        |       |
|                 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |       |

| DIMENSION STYLE |      |
|-----------------|------|
| MM ONLY         |      |
| DRAWN BY        | DATE |
| APPROVED BY     | DATE |
| MATERIAL NO.    |      |

|              |     |                                                  |        |                        |
|--------------|-----|--------------------------------------------------|--------|------------------------|
| SCALE        | 3:1 | DESIGN UNITS                                     | METRIC | THIRD ANGLE PROJECTION |
| TITLE        |     | MX150 RCPT<br>SINGLE ROW SEALED ASSY<br>MAT SEAL |        |                        |
| DOCUMENT NO. |     | SD-33471-0001                                    |        |                        |
| SHEET NO.    |     | 3 OF 8                                           |        |                        |



SEE NOTE 2a.  
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

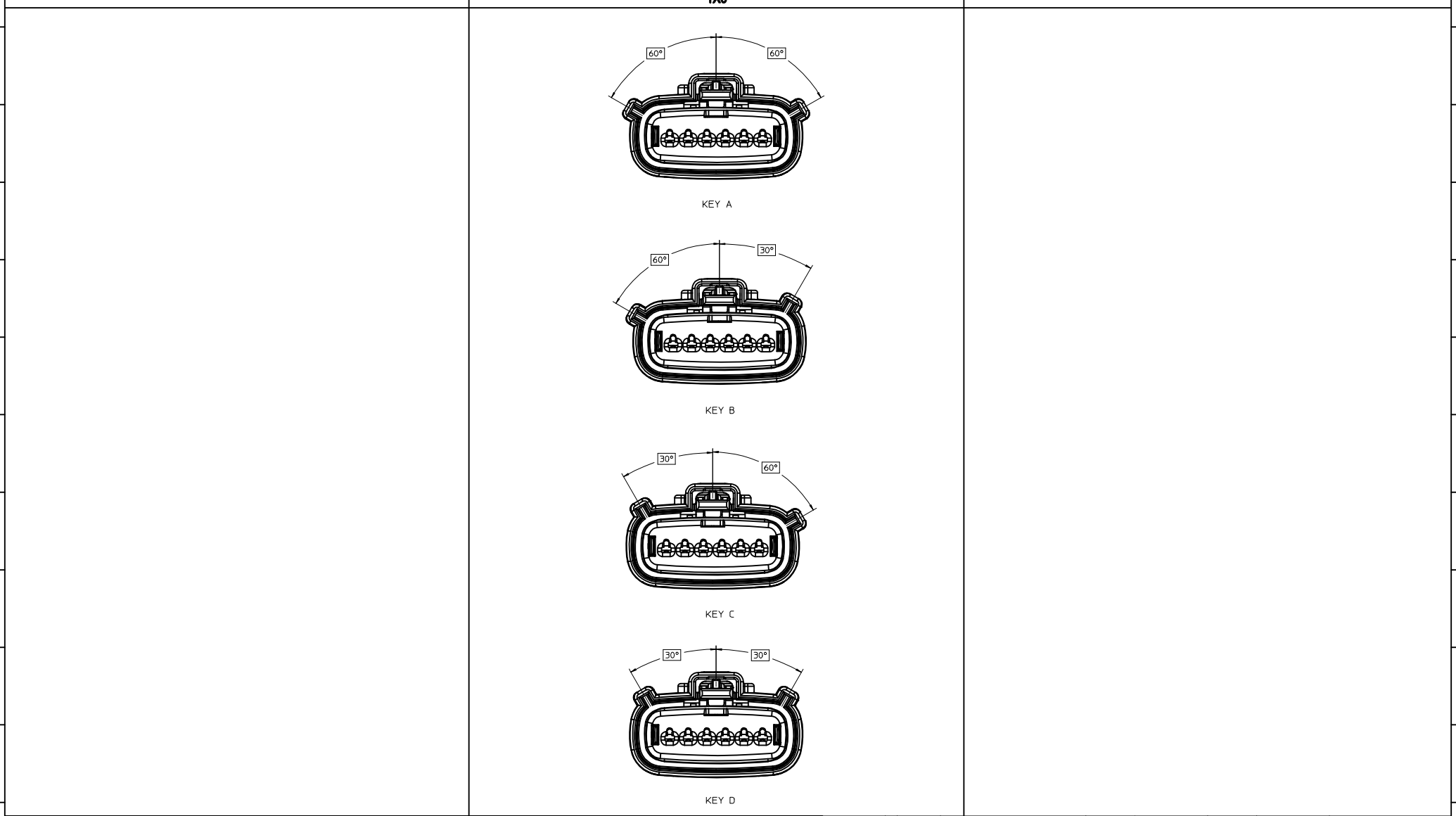
M

SHEET DESCRIPTION

KEY CONFIGURATIONS CONT.

1X6

M



|                                                                                                                             |  |  |                                                      |                                                                                                                               |            |              |               |  |  |                 |                                       |             |     |                 |      |                      |              |                                   |  |            |                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------|--|--|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------|--------------|---------------|--|--|-----------------|---------------------------------------|-------------|-----|-----------------|------|----------------------|--------------|-----------------------------------|--|------------|----------------------------------------------------------------------|
| <div>ENTER DESCRIPTION<br/>EC NO: UAU2016-1641<br/>DRWN&amp;BTANG 2016/05/10<br/>CHKD: A<br/>APPR:KDEKOSKI 2016/06/14</div> |  |  |                                                      |                                                                                                                               |            |              |               |  |  | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |             |     | DIMENSION STYLE |      | SCALE                | DESIGN UNITS | <div>THIRD ANGLE PROJECTION</div> |  |            |                                                                      |
|                                                                                                                             |  |  |                                                      |                                                                                                                               |            |              |               |  |  |                 |                                       |             |     | MM ONLY         |      | 3:1                  | METRIC       |                                   |  |            |                                                                      |
|                                                                                                                             |  |  |                                                      |                                                                                                                               |            |              |               |  |  |                 | <div>▽=0<br/>▽=0<br/>▽=0</div>        | DESCRIPTION | REV | mm              | INCH | DRAWN BY             | DATE         |                                   |  | TITLE      |                                                                      |
|                                                                                                                             |  |  |                                                      |                                                                                                                               |            |              |               |  |  |                 |                                       |             |     |                 |      | 4 PLACES ± --- ± --- | APPROFIT     |                                   |  | 2015/11/04 | MX150 RCPT<br>SINGLE ROW SEALED ASSY<br>MAT SEAL<br><div>molex</div> |
|                                                                                                                             |  |  |                                                      |                                                                                                                               |            |              |               |  |  |                 |                                       |             |     |                 |      | 3 PLACES ± --- ± --- | CHECKED BY   |                                   |  | DATE       |                                                                      |
| 2 PLACES ± 0.10 ± ---                                                                                                       |  |  |                                                      |                                                                                                                               |            |              |               |  |  |                 |                                       |             |     |                 |      |                      |              |                                   |  |            |                                                                      |
|                                                                                                                             |  |  | 1 PLACE ± 0.2 ± ---                                  | APPROVED BY                                                                                                                   | DATE       |              |               |  |  |                 |                                       |             |     |                 |      |                      |              |                                   |  |            |                                                                      |
|                                                                                                                             |  |  | 0 PLACE ± --- ± ---                                  | KDEKOSKI                                                                                                                      | 2016/06/14 |              |               |  |  |                 |                                       |             |     |                 |      |                      |              |                                   |  |            |                                                                      |
|                                                                                                                             |  |  | ANGULAR ± 1 °                                        |                                                                                                                               |            | MATERIAL NO. | DOCUMENT NO.  |  |  |                 |                                       |             |     |                 |      |                      |              |                                   |  |            |                                                                      |
|                                                                                                                             |  |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                                                                               |            | SEE NOTE 2a. | SD-33471-0001 |  |  | SHEET NO.       |                                       |             |     |                 |      |                      |              |                                   |  |            |                                                                      |
|                                                                                                                             |  |  | SIZE 1                                               | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |            |              |               |  |  |                 | 4 OF 8                                |             |     |                 |      |                      |              |                                   |  |            |                                                                      |

1b\_frame\_A1\_P\_AM.T  
Rev. G 2012/01/11

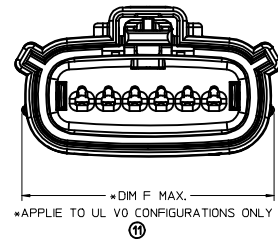
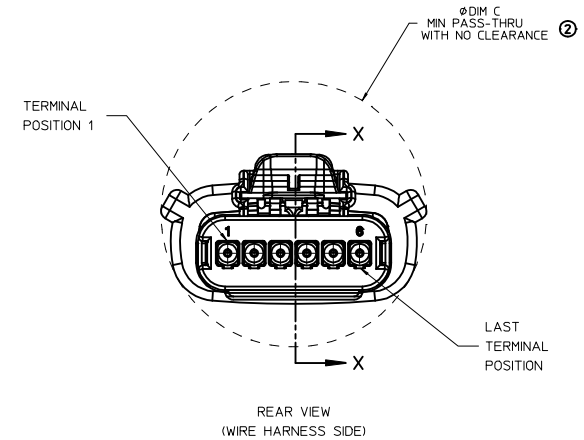
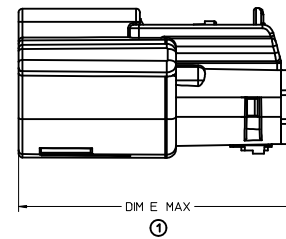
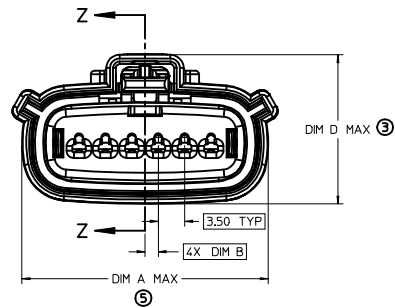
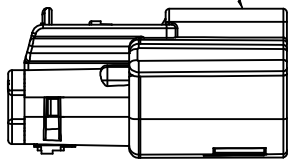
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## SHEET DESCRIPTION

RECEPTACLE CONNECTOR ASSEMBLY - STD

## CHARTED DIMENSIONS

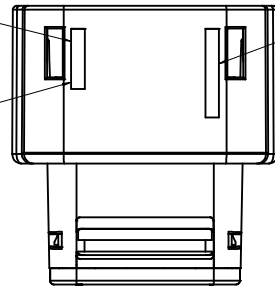
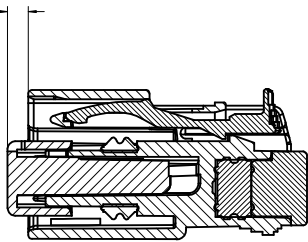
| DESCRIPTION | DIMENSIONS |      |       |       |       |       |
|-------------|------------|------|-------|-------|-------|-------|
|             | A          | B    | C     | D     | E     | F     |
| 1X2         | 19.40      | 1.75 | 21.73 | 20.55 | 37.65 | 19.64 |
|             |            |      |       |       |       |       |
| 1X6         | 32.75      | 1.75 | 35.21 | 19.90 | 37.65 | N/A   |
| 1X6 UL V0   | N/A        | 1.75 | 35.23 | 19.90 | 37.65 | 33.64 |

LASER MARKING ON THIS SURFACE  
SEE NOTE 3g.

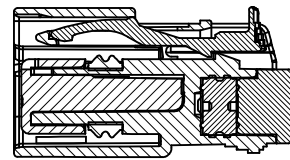
MOLD CAVITY I.D.  
THIS LOCATION

RECYCLE CODE  
THIS LOCATION

MANUFACTURING LOCATION  
CODE THIS LOCATION

2.75±0.50  
⑥

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

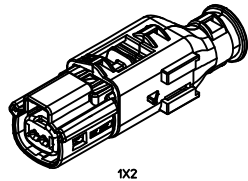


PRIMARY LOCK REINFORCEMENT (PLR) SHOWN  
IN FINAL-LOCK POSITION  
SECTION X-X

|                                                                                                              |                                      |                                                                                                                                  |                                             |                                              |                              |                    |                                                                           |                                                                                                              |                               |
|--------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------------------|------------------------------|--------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------|
| ENTER DESCRIPTION<br>EC NO: UAU2016-1641<br>DRAWN BY: DRWNBKTBANG<br>CHKD: CHYKD<br>APPR: KDEKOSKI<br>REV: A | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                            |                                             | DIMENSION STYLE<br>MM ONLY                   |                              | SCALE<br>3:1       | DESIGN UNITS<br>METRIC                                                    |  THIRD ANGLE PROJECTION |                               |
|                                                                                                              |                                      | 4 PLACES<br>3 PLACES<br>2 PLACES<br>1 PLACE<br>0 PLACE                                                                           | mm<br>+---<br>+---<br>+0.10<br>+0.2<br>+--- | INCH<br>+---<br>+---<br>+---<br>+---<br>+--- | DRAWN BY<br>APPROFF ITT      | DATE<br>2015/11/04 | TITLE<br>MX150 RCPT<br>SINGLE ROW SEALED ASSY<br>MAT SEAL<br><b>molex</b> |                                                                                                              |                               |
|                                                                                                              |                                      |                                                                                                                                  |                                             |                                              | CHECKED BY<br>DATE           |                    |                                                                           |                                                                                                              |                               |
|                                                                                                              |                                      |                                                                                                                                  |                                             |                                              | APPROVED BY<br>KDEKOSKI      |                    |                                                                           |                                                                                                              | DATE<br>2016/06/14            |
|                                                                                                              |                                      |                                                                                                                                  |                                             |                                              | MATERIAL NO.<br>SEE NOTE 2a. |                    |                                                                           |                                                                                                              | DOCUMENT NO.<br>SD-33471-0001 |
| ANGULAR ± 1 °                                                                                                |                                      | SIZE<br>A 1                                                                                                                      |                                             | SHEET NO.<br>5 OF 8                          |                              |                    |                                                                           |                                                                                                              |                               |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS                                                      |                                      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                             |                                              |                              |                    |                                                                           |                                                                                                              |                               |

SHEET DESCRIPTION

BACKSHELL NOTES



1X2

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

BACKSHELL CUSTOMER  
MODEL NUMBER LEGEND

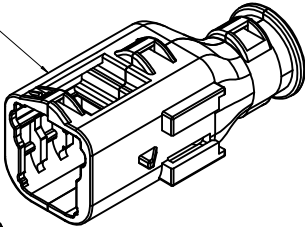
34949-XXXX

- 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

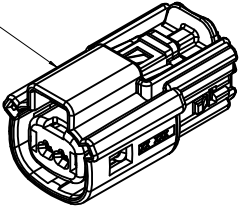
- BACKSHELL FEATURES
- 1 - WITH RIBS
  - 2 - WITHOUT RIBS

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

BACKSHELL (BKS)



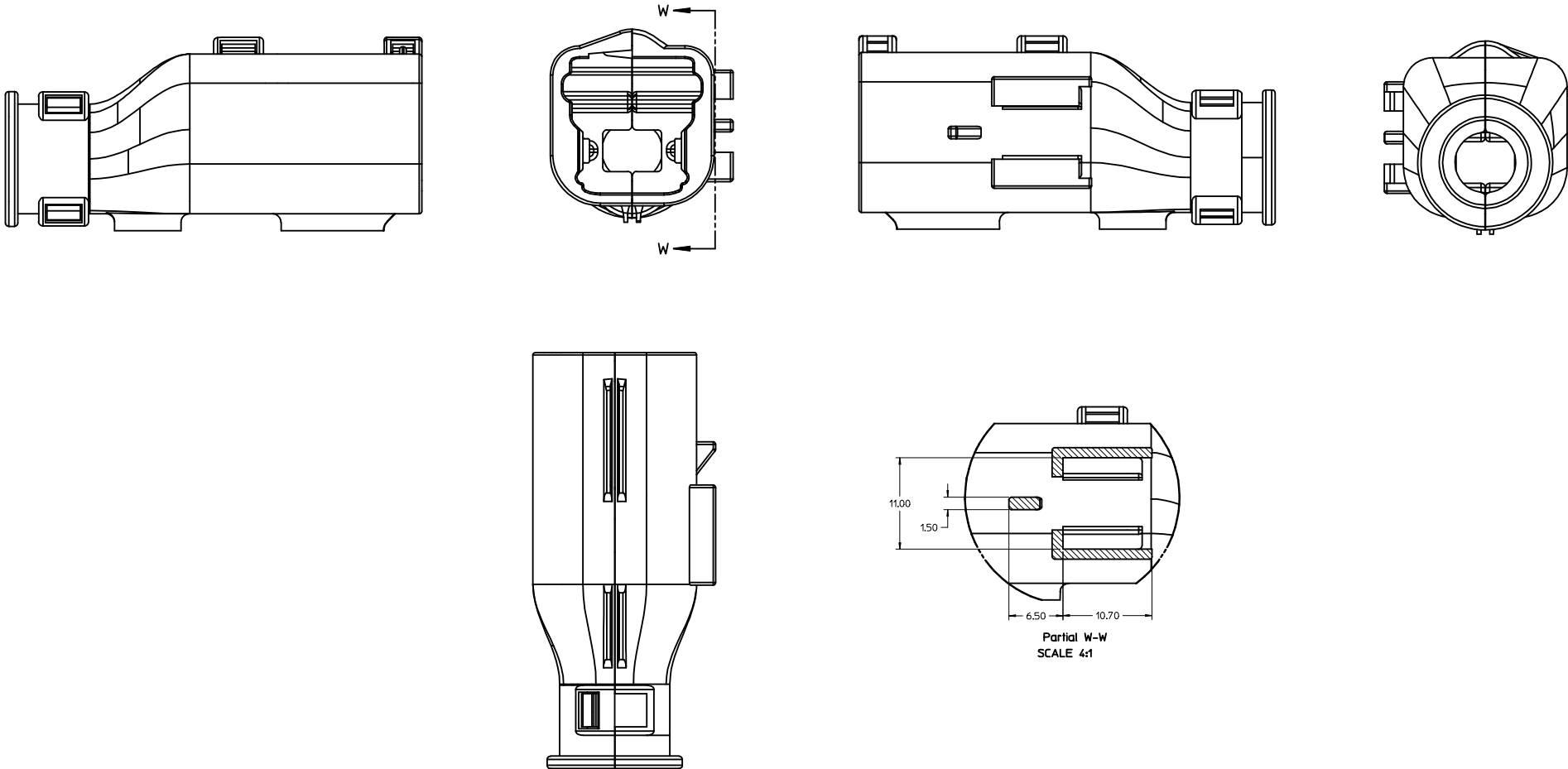
RECEPTACLE SEALED ASSEMBLY



|                                                                                                        |                           |                                      |                                       |       |      |                              |                                                            |                                                                                                                                  |                                                                               |                        |                                                                                                              |  |
|--------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------|---------------------------------------|-------|------|------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------|--|
| ENTER DESCRIPTION<br>EC NO: UAU2016-1641<br>DRAWN BY: TANG<br>CHKD: CHEN<br>APPR: KDEKOSKI<br>REV<br>A | DESCRIPTION<br>2016/06/14 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |       |      |                              | DIMENSION STYLE<br>MM ONLY                                 |                                                                                                                                  | SCALE<br>4:1                                                                  | DESIGN UNITS<br>METRIC |  THIRD ANGLE PROJECTION |  |
|                                                                                                        |                           |                                      | mm                                    |       | INCH |                              | DRAWN BY<br>APPROFIT                                       | DATE<br>2015/11/04                                                                                                               | TITLE<br>MX150 RCPT<br>SINGLE ROW SEALED ASSY<br>MAT SEAL<br><br><b>molex</b> |                        |                                                                                                              |  |
|                                                                                                        |                           |                                      | 4 PLACES                              | ±---  | ±--- | CHECKED BY                   | DATE                                                       |                                                                                                                                  |                                                                               |                        |                                                                                                              |  |
|                                                                                                        |                           |                                      | 3 PLACES                              | ±---  | ±--- | APPROVED BY<br>KDEKOSKI      |                                                            |                                                                                                                                  |                                                                               |                        |                                                                                                              |  |
|                                                                                                        |                           |                                      | 2 PLACES                              | ±0.10 | ±--- |                              |                                                            |                                                                                                                                  |                                                                               |                        |                                                                                                              |  |
|                                                                                                        |                           |                                      | 1 PLACE                               | ±0.2  | ±--- | DATE<br>2016/06/14           |                                                            | DOCUMENT NO.<br>SD-33471-0001                                                                                                    |                                                                               |                        |                                                                                                              |  |
|                                                                                                        |                           |                                      | 0 PLACE                               | ±---  | ±--- | MATERIAL NO.<br>SEE NOTE 2a. |                                                            |                                                                                                                                  |                                                                               |                        |                                                                                                              |  |
|                                                                                                        |                           |                                      | ANGULAR ± 1 °                         |       |      |                              | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                  |                                                                               | SHEET NO.<br>6 OF 8    |                                                                                                              |  |
|                                                                                                        |                           |                                      |                                       |       |      |                              | SIZE<br>A1                                                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                               |                        |                                                                                                              |  |

SHEET DESCRIPTION

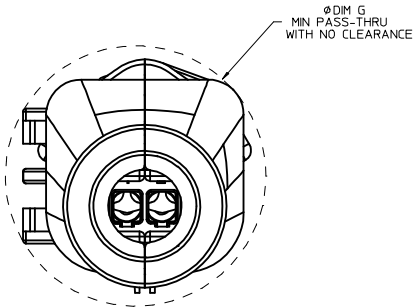
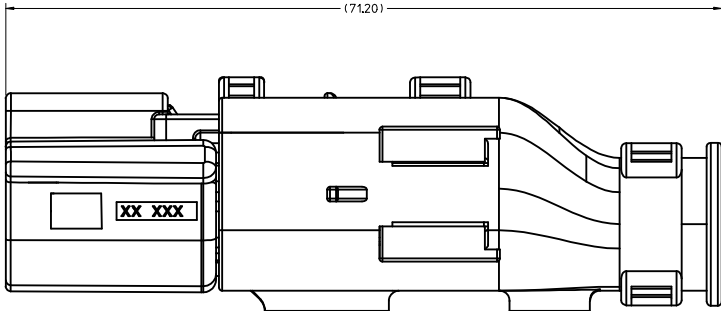
BACKSHELL



|                                                                                   |                           |                                      |                                                                                                                               |                      |                            |                    |                                                           |                                                                                                              |                     |
|-----------------------------------------------------------------------------------|---------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------|--------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------|
| ENTER DESCRIPTION<br>EC NO: UAU2016-1641<br>DRWN: BTANG<br>CHKD:<br>APPR: KDEOSKI | DESCRIPTION<br>2016/06/14 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                         |                      | DIMENSION STYLE<br>MM ONLY | SCALE<br>4:1       | DESIGN UNITS<br>METRIC                                    |  THIRD ANGLE PROJECTION |                     |
|                                                                                   |                           |                                      | mm                                                                                                                            | INCH                 | DRAWN BY<br>APPROFIT       | DATE<br>2015/11/04 | TITLE<br>MX150 RCPT<br>SINGLE ROW SEALED ASSY<br>MAT SEAL |                                                                                                              |                     |
|                                                                                   |                           |                                      | 4 PLACES ± --- ± ---                                                                                                          | 3 PLACES ± --- ± --- | CHECKED BY                 | DATE               | DOCUMENT NO.<br>SD-33471-0001                             |                                                                                                              |                     |
|                                                                                   |                           |                                      | 2 PLACES ± 0.10 ± ---                                                                                                         | 1 PLACE ± 0.2 ± ---  | APPROVED BY<br>KDEOSKI     | DATE<br>2016/06/14 |                                                           |                                                                                                              | SHEET NO.<br>7 OF 8 |
|                                                                                   |                           |                                      | ANGULAR ± 1 °                                                                                                                 |                      | MATERIAL NO.               |                    |                                                           |                                                                                                              |                     |
|                                                                                   |                           |                                      | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                    |                      | SEE NOTE 2a.               |                    |                                                           |                                                                                                              | SD-33471-0001       |
| REV                                                                               |                           | SIZE<br>A 1                          | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                      |                            |                    |                                                           |                                                                                                              |                     |

| SHEET DESCRIPTION        |
|--------------------------|
| BACKSHELL CONFIGURATIONS |

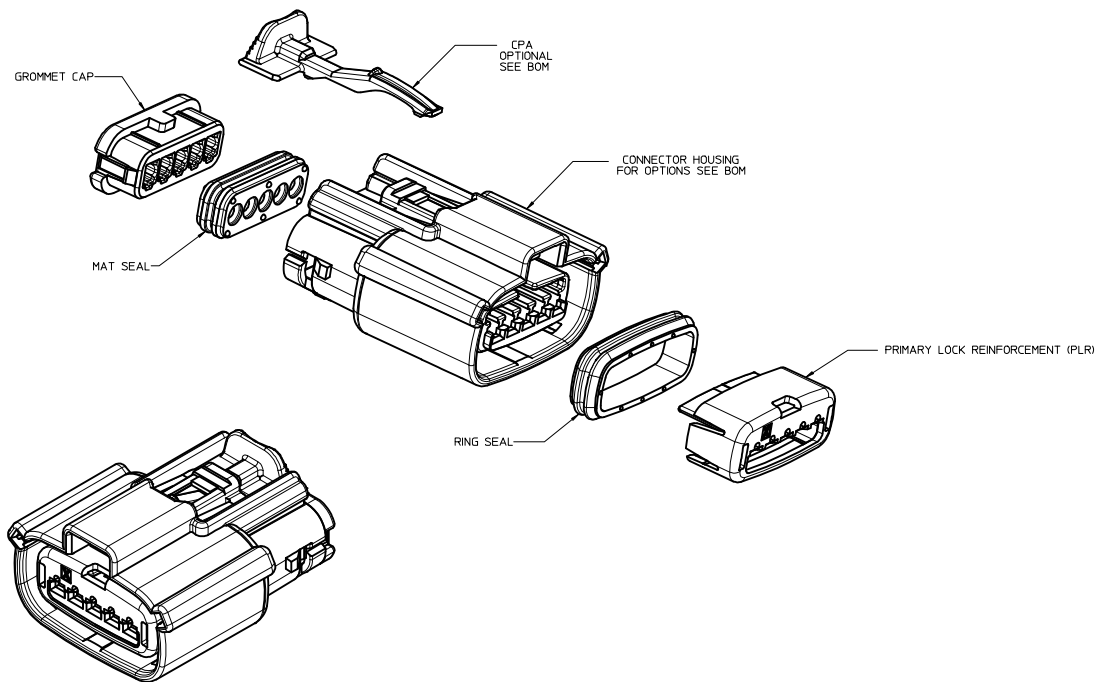
| CHARTED DIMENSIONS |            |
|--------------------|------------|
| DESCRIPTION        | DIMENSIONS |
|                    | G          |
| 1X2                | 26.00      |
|                    |            |
|                    |            |
|                    |            |



RECEPTACLE SEALED ASSEMBLY WITH RECEPTACLE BACKSHELL

|                                                                                                        |                                      |                                       |              |                            |                                                                                                                               |                        |                        |                        |  |  |
|--------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------|--------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|------------------------|--|--|
| ENTER DESCRIPTION<br>EC NO: UAU2016-1641<br>DRWN:BTANG 2016/05/10<br>CHKD:<br>APPR:KDEKOSKI 2016/06/14 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |              | DIMENSION STYLE<br>MM ONLY |                                                                                                                               | SCALE<br>4:1           | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |  |  |
|                                                                                                        |                                      |                                       |              | DRAWN BY DATE              |                                                                                                                               | TITLE                  |                        |                        |  |  |
|                                                                                                        |                                      |                                       |              | APPROFIT 2015/11/04        |                                                                                                                               | MX150 RCPT             |                        |                        |  |  |
|                                                                                                        |                                      |                                       |              | CHECKED BY DATE            |                                                                                                                               | SINGLE ROW SEALED ASSY |                        |                        |  |  |
|                                                                                                        |                                      |                                       |              | APPROVED BY DATE           |                                                                                                                               | MAT SEAL               |                        |                        |  |  |
|                                                                                                        |                                      |                                       |              | KDEKOSKI 2016/06/14        |                                                                                                                               | molex                  |                        |                        |  |  |
|                                                                                                        |                                      |                                       | MATERIAL NO. |                            | DOCUMENT NO.                                                                                                                  |                        | SHEET NO.              |                        |  |  |
|                                                                                                        |                                      |                                       | SEE NOTE 2a. |                            | SD-33471-0001                                                                                                                 |                        | 8 OF 8                 |                        |  |  |
|                                                                                                        |                                      |                                       | SIZE A1      |                            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                        |                        |  |  |

| TABLE OF CONTENTS |                            |
|-------------------|----------------------------|
| SHEET NO.         | SHEET DESCRIPTION          |
| 1                 | NOTES                      |
| 2                 | KEY CONFIGURATIONS         |
| 3                 | RECEPTACLE SEALED ASSEMBLY |
| 4                 | BOM                        |



NOTES: VALID UNLESS OTHERWISE SPECIFIED

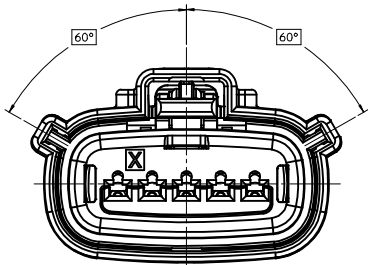
1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-33472-100
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
  - DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN DRAWING EWCAP 150-S-005-1-Z03, AVAILABLE AT <<http://ewcap.uscorteam.org/>>.
  - DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY AS SPECIFIED IN DRAWING SD-33481-051
  - 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 1.2mm TO 2.69mm.
  - 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) <<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-31300-903
- d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
- e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
2. DESIGN - MATERIALS:
- a. SEE BOM TABLE
3. DESIGN - GEOMETRY:
- a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
- c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- d. CORNERS SHOWN AS SHARP TO BE R.02 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

|     |                                                                                     |
|-----|-------------------------------------------------------------------------------------|
| M7  | ADD NEW P/N 33471-0542                                                              |
| M6  | CHANGE THE STATUS TO SALEABLE FROM TOOLED BUT NOT VALIDATED FOR DK GREY AND ST GREY |
| M5  | UPDATE 33471-0503 33471-0504 33471-0508 33471-0509 PRODUCTION STATUS                |
| M4  | UPDATED SHEET 3 NOMENCLATURE                                                        |
| M3  | UPDATED PACKAGING DIMENSIONS                                                        |
| M2  | UPDATED COMPONENT BOM                                                               |
| M1  | UPDATED WIRE DIAMETER RANGE                                                         |
| M   | UPDATED NOTE 1c                                                                     |
| L   | UPDATE PER PRODUCTION DESIGN                                                        |
| REV | DESCRIPTION                                                                         |

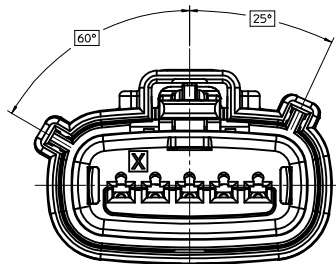
| INSPECTION BALLOON NUMBER LOG |  |
|-------------------------------|--|
| PER DRAWING REVISION: M3      |  |
| LAST BALLOON NUMBER USED: 4   |  |
| ADDED BALLOON NUMBERS: 1a, 2a |  |
| REMOVED BALLOON NUMBERS:      |  |

|                                                                                         |            |             |                 |                                                            |                  |  |                                                     |                            |                                                                                                                                  |              |                        |                                          |
|-----------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------------------------------------------------|------------------|--|-----------------------------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|------------------------------------------|
| SEE REV. COLUMN<br>EC NO: UAU2014-1363<br>DRAWN BY: CHYO<br>CHKD: APPR:WDSHY<br>REV: M7 | 2014/03/03 | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |                  |  |                                                     | DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>3:1 | DESIGN UNITS<br>METRIC | DESCRIPTION<br>THIRD ANGLE<br>PROJECTION |
|                                                                                         | 2014/03/05 |             |                 |                                                            |                  |  |                                                     |                            |                                                                                                                                  |              |                        |                                          |
|                                                                                         |            |             |                 |                                                            | DRAWN BY DATE    |  | TITLE                                               |                            |                                                                                                                                  |              |                        |                                          |
|                                                                                         |            |             |                 |                                                            | CHECKED BY DATE  |  | MX150 1X5 RECEPTACLE<br>SEALED ASSEMBLY<br>MAT SEAL |                            |                                                                                                                                  |              |                        |                                          |
|                                                                                         |            |             |                 |                                                            | APPROVED BY DATE |  | molex                                               |                            |                                                                                                                                  |              |                        |                                          |
|                                                                                         |            |             |                 | ANGULAR ± 3 °                                              |                  |  |                                                     | MATERIAL NO.               | DOCUMENT NO.                                                                                                                     |              | SHEET NO.              |                                          |
|                                                                                         |            |             |                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                  |  |                                                     | SEE BOM                    |                                                                                                                                  | SD-33471-051 |                        | 1 OF 5                                   |
|                                                                                         |            |             |                 |                                                            |                  |  |                                                     | SIZE<br>D                  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                        |                                          |

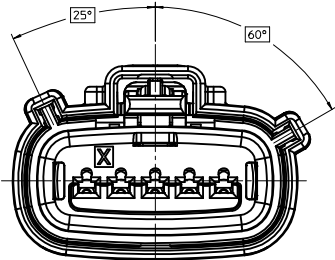
KEY CONFIGURATIONS



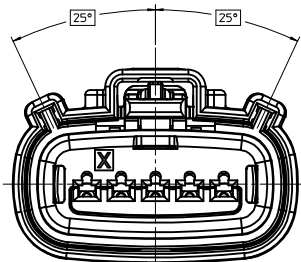
KEY A



KEY B



KEY C



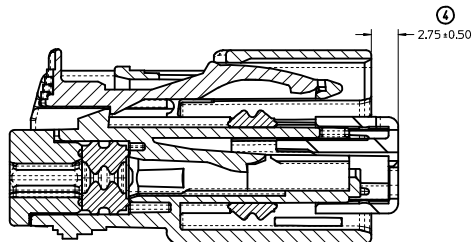
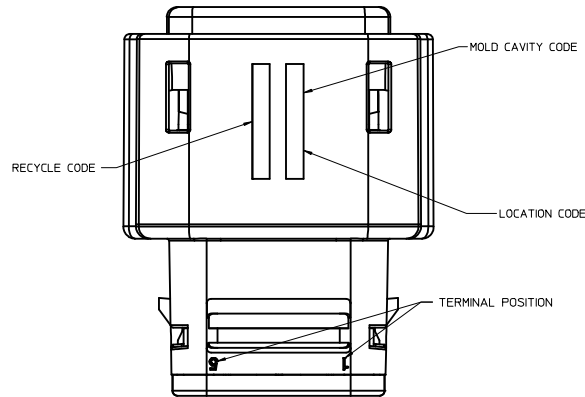
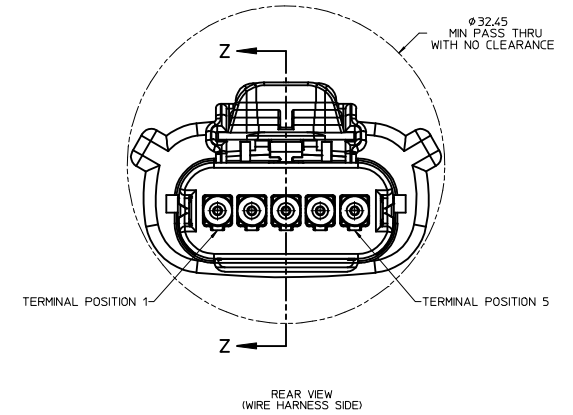
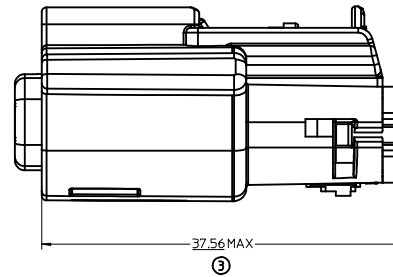
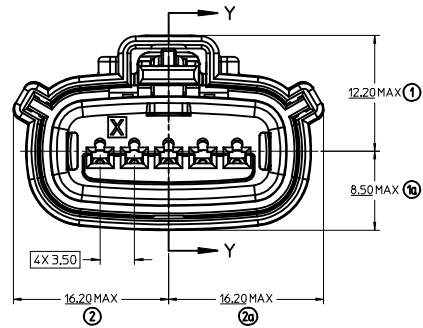
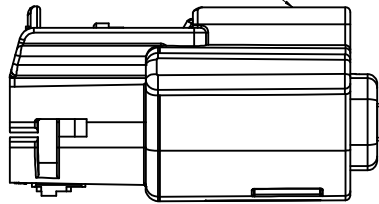
KEY D

|                                                                 |                                           |                                      |                                       |  |                                                                                                                               |            |                                                                              |              |                        |  |
|-----------------------------------------------------------------|-------------------------------------------|--------------------------------------|---------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------|--------------|------------------------|--|
| SEE REV. COLUMN<br>EC NO: UAU2014-1363<br>DRAWN BY: CHYO:<br>M7 | DESCRIPTION<br>2014/03/03<br>APPR: WKOSHY | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE                                                                                                               |            | SCALE                                                                        | DESIGN UNITS | THIRD ANGLE PROJECTION |  |
|                                                                 |                                           |                                      |                                       |  | MM ONLY                                                                                                                       |            | 4:1                                                                          | METRIC       |                        |  |
|                                                                 |                                           |                                      |                                       |  | DRAWN BY                                                                                                                      | DATE       | TITLE<br>MX150 1X5 RECEPTACLE<br>SEALED ASSEMBLY<br>MAT SEAL<br><b>molex</b> |              |                        |  |
|                                                                 |                                           |                                      |                                       |  | MDICK                                                                                                                         | 2012/06/01 |                                                                              |              |                        |  |
|                                                                 |                                           |                                      |                                       |  | CHECKED BY                                                                                                                    | DATE       |                                                                              |              |                        |  |
|                                                                 |                                           |                                      |                                       |  | APPROVED BY                                                                                                                   | DATE       |                                                                              |              |                        |  |
|                                                                 |                                           |                                      |                                       |  | MATERIAL NO.                                                                                                                  |            | DOCUMENT NO.                                                                 |              | SHEET NO.              |  |
|                                                                 |                                           |                                      |                                       |  | SEE BOM                                                                                                                       |            | SD-33471-051                                                                 |              | 2 OF 5                 |  |
|                                                                 |                                           |                                      |                                       |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |            |                                                                              |              |                        |  |

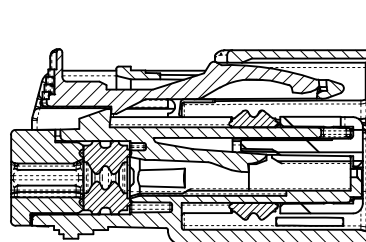
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

RECEPTACLE SEALED ASSEMBLY

LASER MARKING ON THIS SURFACE  
SEE NOTE 3g.



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



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

|                                                                                                              |                                      |                                       |                                                                                                                                  |  |                              |                    |                                                              |                        |                                                                                                              |
|--------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|--------------------|--------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------|
| SEE REV. COLUMN<br>EC NO: UAU2014-1363<br>DRAWN BY: 2014/03/03<br>CHKD: 2014/03/05<br>APPR: W05HY<br>REV: M7 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                                                                                                  |  | DIMENSION STYLE<br>MM ONLY   |                    | SCALE<br>4:1                                                 | DESIGN UNITS<br>METRIC |  THIRD ANGLE PROJECTION |
|                                                                                                              |                                      | mm INCH                               |                                                                                                                                  |  | DRAWN BY<br>MDICK            | DATE<br>2012/06/01 | TITLE<br>MX150 1X5 RECEPTACLE<br>SEALED ASSEMBLY<br>MAT SEAL |                        |                                                                                                              |
|                                                                                                              |                                      | 3 PLACES ±                            |                                                                                                                                  |  | CHECKED BY                   | DATE               | APPROVED BY DATE                                             |                        |                                                                                                              |
|                                                                                                              |                                      | 2 PLACES ± 0.10                       |                                                                                                                                  |  | MATERIAL NO.<br>SEE BOM      |                    |                                                              |                        |                                                                                                              |
|                                                                                                              |                                      | 1 PLACE ± 0.2                         |                                                                                                                                  |  |                              |                    |                                                              |                        |                                                                                                              |
|                                                                                                              |                                      | 0 PLACE ±                             |                                                                                                                                  |  | DOCUMENT NO.<br>SD-33471-051 |                    |                                                              |                        |                                                                                                              |
| ANGULAR ± 3 °                                                                                                |                                      |                                       | SIZE<br>D                                                                                                                        |  | SHEET NO.<br>3 OF 5          |                    |                                                              |                        |                                                                                                              |
| 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 |  |                              |                    |                                                              |                        |                                                                                                              |

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

|                                 |            |                               |
|---------------------------------|------------|-------------------------------|
| MAT SEAL                        | ROYAL BLUE | INHERENTLY LUBRICATED SILICON |
| RING SEAL                       | ROYAL BLUE | INHERENTLY LUBRICATED SILICON |
| PLR                             | NATURAL    | SPS/NYLON GF20                |
| CPA                             | RED        | PBT GF30                      |
| GROMMET CAP (PLUGGED)           | BLACK      | SPS/NYLON GF20                |
| GROMMET CAP (OPEN)              | BLACK      | SPS/NYLON GF20                |
| HOUSING KEYING OPTION D         | STONE GRAY | SPS/NYLON GF20                |
| HOUSING KEYING OPTION C         | DARK GRAY  | SPS/NYLON GF20                |
| HOUSING KEYING OPTION D         | GREEN      | SPS/NYLON GF20                |
| HOUSING KEYING OPTION C         | BROWN      | SPS/NYLON GF20                |
| HOUSING KEYING OPTION B         | LIGHT GRAY | SPS/NYLON GF20                |
| HOUSING KEYING OPTION A         | BLACK      | SPS/NYLON GF20                |
| DESCRIPTION                     | COLOR      | MATERIAL                      |
| BOH/APPLICABLE COMPONENTS TABLE |            |                               |

|                                                            |                                                        |                                        |                                                                                                                             |                                                            |                            |                    |                                                              |                        |                           |  |
|------------------------------------------------------------|--------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------|--------------------|--------------------------------------------------------------|------------------------|---------------------------|--|
| SEE REV. COLUMN<br>REV. NO. 1: 1/1/2014-1963<br>DATE<br>M7 | DESCRIPTION<br>2014/03/05<br>CHD: WOSHY<br>APPR: WOSHY | QUALITY SYMBOLS                        | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                       |                                                            | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>2:1                                                 | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |
|                                                            |                                                        | $\nabla=0$<br>$\nabla=0$<br>$\nabla=0$ | mm                                                                                                                          | INCH                                                       | DRAWN BY<br>MOICK          | DATE<br>2012/06/01 | TITLE<br>MX150 1X5 RECEPTACLE<br>SEALED ASSEMBLY<br>MAT SEAL |                        |                           |  |
|                                                            |                                                        |                                        | 4 PLACES +---+<br>3 PLACES +---+<br>2 PLACES +0.10<br>1 PLACE +0.2<br>0 PLACE +                                             | +---+<br>+---+<br>+---+<br>+---+<br>+                      | CHECKED BY                 | DATE               |                                                              |                        |                           |  |
|                                                            |                                                        |                                        |                                                                                                                             |                                                            | APPROVED BY                | DATE               |                                                              |                        |                           |  |
|                                                            |                                                        |                                        |                                                                                                                             | ANGULAR $\pm 3^\circ$                                      | MATERIAL NO.               |                    | DOCUMENT NO.                                                 |                        | SHEET NO.                 |  |
|                                                            |                                                        |                                        |                                                                                                                             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS | SEE BOM                    |                    | SD-33471-051                                                 |                        | 4 OF 5                    |  |
|                                                            |                                                        | SIZE D                                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>DRAWING AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                            |                            |                    |                                                              |                        |                           |  |

[illegible]

|                                                                                                                         |                 |                                                            |               |                                                                                                                                  |              |                                                                                       |                        |                           |
|-------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------|------------------------|---------------------------|
| ENTER DESCRIPTION<br>EC NO: IAU204-1363<br>DATE: 2014/03/05<br>DRAWN BY: APRR.WSHY<br>CHECKED: 2014/03/05<br>APPR: WSHY | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |               | DIMENSION STYLE<br>MM ONLY                                                                                                       |              | SCALE<br>2:1                                                                          | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |
|                                                                                                                         | ▽=0             | mm                                                         | INCH          | DRAWN BY                                                                                                                         | DATE         | TITLE                                                                                 |                        |                           |
|                                                                                                                         | ▽=0             | 4 PLACES ±                                                 | ±             | MDICK                                                                                                                            | 2012/06/01   | MX150 1X5 RECEPTACLE<br>SEALED ASSEMBLY<br>MAT SEAL                                   |                        |                           |
|                                                                                                                         | ▽=0             | 2 PLACES ±                                                 | ±             | CHECKED BY                                                                                                                       | DATE         |  |                        |                           |
|                                                                                                                         | ▽=0             | 1 PLACE ±                                                  | ±             | APPROVED BY                                                                                                                      | DATE         |                                                                                       |                        |                           |
| ▽=0                                                                                                                     | 0 PLACE ±       | ±                                                          | ANGULAR ± 3 ° |                                                                                                                                  | MATERIAL NO. | DOCUMENT NO.                                                                          | SHEET NO.              |                           |
| M7                                                                                                                      | REV             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |               | SEE BOM                                                                                                                          |              | SD-33471-051                                                                          |                        | 5 OF 5                    |
|                                                                                                                         |                 | SIZE                                                       |               | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                                                                                       |                        |                           |