

|                   |                                   |
|-------------------|-----------------------------------|
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| SHEET NO.         | SHEET DESCRIPTION                 |
| 1                 | NOTES                             |
| 2                 | CONFIGURATIONS                    |
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| 4                 | BLADE CONNECTOR ASSEMBLY          |
| 5                 | SYSTEM PACKAGING                  |
| 6                 | 12W STANDARD HYBRID CONNECTOR BOM |

NOTES: VALID UNLESS OTHERWISE SPECIFIED

## 1. GENERAL:

1.1 APPLICATION SPECIFICATION SEE: 1601110001-AS

- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLE SHOOTING.

- 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/>]

- CLIPSLOT DESIGN IS BASED ON USCAR/EWCAP 11MM CLIP SLOT EWCAP-005-11

AND WILL ACCEPT CLIPS DESIGNED TO THAT INTERFACE

- ASSEMBLY SHIPPED WITH THE FOLLOWING PARTS IN PRE-LOCK POSITION

(PLR, CPA, ISL, LEVEL. SEE PRE-LOCK VIEW ON SHEET X).

1.2 PRODUCT SPECIFICATION SEE: 1601110001-PS  
CONTAINS SCOPE, PRODUCT DESCRIPTION

CONTAINS: SCOPE, PRODUCT DESCRIPTION, INTEGRAL COMPONENTS AND ACCESSORIES, APPLICABLE DOCUMENTS AND SPECIFICATIONS, RATINGS, PERFORMANCE, PACKAGING, GAUGES AND FIXTURES, AND OTHER INFORMATION.

1.3 PACKAGING SPECIFICATION PER MOLEX DRAWING: SEE TABLE

1.4 PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-300

1.5 DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

## 2. DESIGN - MATERIALS:

## 2.1 SEE BOM TABLE

### 3. DESIGN - GEOMETRY:

3.1 THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.

3.2 THE 3-D CAD DATA IS MASTER FOR THIS PART AND IS TO BE USED TO ESTABLISH DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING. ANY DIMENSIONS UNDERLINED INDICATE A CONFLICT WITH THE MODEL.

3.3 PRODUCT DESIGN MODEL NUMBER(S): SEE BOM TABLE

### 3.4 GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009

### 3.5 EDGES OF UNDEFINED SHAPE PER ISO 13715

### 3.6 CORNERS SHOWN AS SHARP TO BE R 0.2 MAX

3.7 LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD.  
THIS INCLUDES REMOVING CODE ON "TEXT" VENDOR IDENTIFIC

THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.

3.8 VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (CLASS B).

### 3.7 LASER MARKING

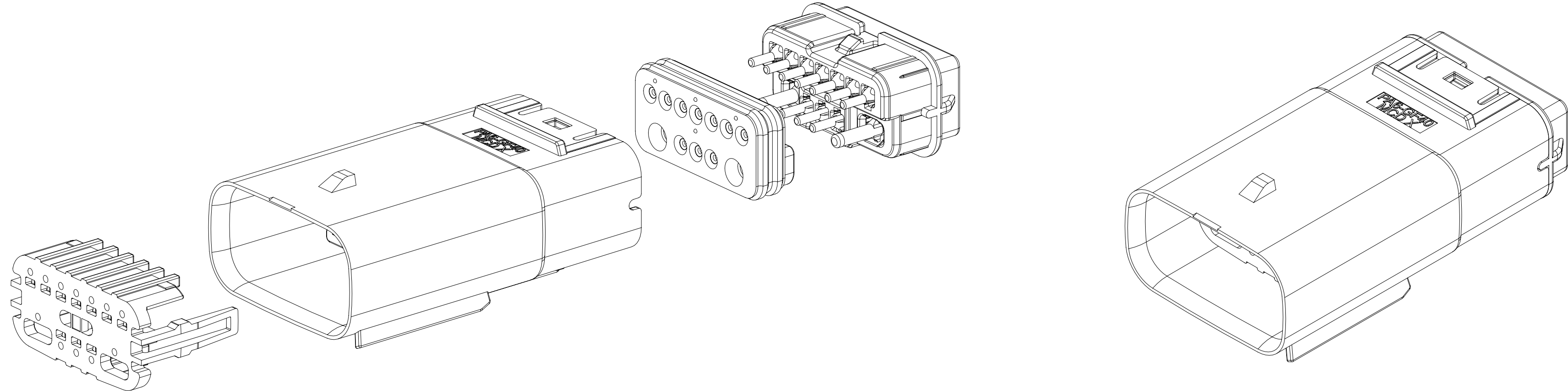
## 1. PART NUMBER

## 2. DAY OF THE YEAR

3. SHIF 1  
4. YEAR

#### 4. YEAR FOR AD

FOR ADDITIONAL INFORMATION SEE SECTION 5 UNDER PROCEDURES IN ES-34733-008.



## 12W STANDARD HYBRID

## 12W HYBRID

| DESCRIPTION         | PACKAGING DRAWING NO. | MATING INTERFACE/CONNECTOR DRAWINGS |                |
|---------------------|-----------------------|-------------------------------------|----------------|
|                     |                       | INTERFACE DEFINITION                | MOLEX INLINE   |
| 12W STANDARD HYBRID | RPK-1601129000        | PSD-1601110000                      | PSD-1601110000 |

|     |                                                                                                                                                                                                                                                 |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F3  | ADDED NEW PN 160112-6055                                                                                                                                                                                                                        |
| F2  | DIM 6 ADDED & CLIPSLOT NOTE ADDED                                                                                                                                                                                                               |
| F1  | ADDED NEW PN 160112-6054                                                                                                                                                                                                                        |
| F   | REMOVED MXDaSH PRODUCTS. REFERENCE 3000920000 PSD FOR ALL MXDaSH BLADE INFORMATION.                                                                                                                                                             |
| E11 | UPDATED PN SATUS FOR 300092-0001 & 300092-0005 FROM OKAY TO TOOL TO SALEABLE<br>10+2 P/N'S 300092-0009 to 300092-0015 ADDED                                                                                                                     |
| E9  | ADDED PN FOR 300159-0014. UPDATED MISSING PN FROM 1601120000/E9 PDD. UPDATED PN FOR E8 REV TO 300159-0016 & E9 REV TO 300159-0017                                                                                                               |
| E8  | ADDED PART NUMBER FOR 300159-0013                                                                                                                                                                                                               |
| E7  | ADDED NEW PN 160112-6053                                                                                                                                                                                                                        |
| E6  | 10+1+1 P/N'S 300159-0013,300159-0014, & 300159-0015 REMOVED                                                                                                                                                                                     |
| E5  | MINIMUM PASS THROUGH UPDATED<br>10+1+1 KEY A COMPONENT'S STATUS UPDATED TO SALEABLE                                                                                                                                                             |
| E4  | MSDaSH 10+2 & 10+1+1 MATERIAL UPDATED FROM PA6-GF40 TO PA66-GF35<br>10+1+1 KEY A COMPONENT'S STATUS UPDATED TO SALEABLE FOR INTERIM PPAP<br>300159-0013 UPDATED FROM OKAY TO TOOL TO OBSOLUTE<br>10+1+1 P/N'S 300159-0014 AND 300159-0015 ADDED |
| E3  | ADD NEW PN 160112-6051 AND 160112-6052<br>UPDATED 10+1+1/10+2 HOUSING MATERIAL TO PA66 GF35                                                                                                                                                     |
| E2  | ADD NEW PN 160112-6049 AND 160112-6050                                                                                                                                                                                                          |
| E1  | ADD NEW PN 160112-6048, 300159-0013                                                                                                                                                                                                             |
| E   | ADDED BOM FOR SERIES 300092 & 300159                                                                                                                                                                                                            |
| D7  | ADD NEW PN 160112-6047                                                                                                                                                                                                                          |
| D6  | ADD NEW PN 160112-6046                                                                                                                                                                                                                          |
| D5  | ADD NEW PN 160112-6045                                                                                                                                                                                                                          |
| D4  | ADD NEW PN 160112-6044                                                                                                                                                                                                                          |
| D3  | ADD NEW PN 160112-6043                                                                                                                                                                                                                          |
| D2  | ADD NEW PN 160112-6042                                                                                                                                                                                                                          |
| D1  | ADD NEW PN 160112-6041                                                                                                                                                                                                                          |
| D   | ADD NEW PN 160112-6039 AND 160112-6040                                                                                                                                                                                                          |
| C2  | UPDATED NOTES                                                                                                                                                                                                                                   |
| C1  | CHANGE DOCUMENT TYPE FROM RSD TO SD                                                                                                                                                                                                             |
| C   | ADD NEW PN 160112-6030 THRU 6038                                                                                                                                                                                                                |
| B   | UPDATED INFORMATION TO PRODUCTION LEVEL                                                                                                                                                                                                         |
| A2  | ADDED NEW PN. 160112-6023 160112-6024 160112-6025<br>160112-6026 160112-6027 160112-6028<br>160112-6029                                                                                                                                         |
| A1  | ADDED NEW PN. 160112-6022                                                                                                                                                                                                                       |
| A   | INITIAL RELEASE                                                                                                                                                                                                                                 |
| REV | REV DESCRIPTION                                                                                                                                                                                                                                 |

|                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                               |  |                                      |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| FUNCTIONAL SYMBOLS                                                                                                                                                                                                                               |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION                                                                                                                                                                     |  |                                                                                                                                                                                                                               |  | CURRENT REV DESC: SEE REVISION TABLE |  |  |  | <div><div>molex</div><div>MX150 HYBRID MAT SEAL BLD CONN ASM SALES</div><div>PRODUCT CUSTOMER DRAWING</div><div><div><div>DOCUMENT NUMBER</div><div>1601120000</div></div><div><div>DOC TYPE</div><div>PSD</div></div><div><div>DOC PART</div><div>000</div></div><div><div>REVISION</div><div>F3</div></div></div><div><div>MATERIAL NUMBER</div><div>CUSTOMER</div><div>SEE TABLE</div></div><div><div>SHEET NUMBER</div><div>1 OF 6</div></div></div> |  |  |  |
| <div><div><div><div><div>F</div><div>A</div></div><div>=</div><div>0</div></div><div><div>F</div><div>C</div></div><div>=</div><div>0</div></div><div><div>F</div><div>P</div></div><div>=</div><div>0</div></div> <div>DIVISIONAL SYMBOLS</div> |  | <div><div><div>DIMENSION UNITS</div><div>mm</div></div><div><div>SCALE</div><div>2:1</div></div></div> <div><div>GENERAL TOLERANCES (UNLESS SPECIFIED)</div><div>ANGULAR TOL ± 0.5°</div><div><div>4 PLACES ±</div><div>3 PLACES</div><div>2 PLACES ±</div><div>1 PLACES ±</div><div>0 PLACES ±</div></div></div> |  | <div><div>STATUS: Production</div><div><div>DRWN: Srikanth CV</div><div>2025-05-26</div></div><div><div>CHK'D: Chaitra D</div><div>2025-05-29</div></div><div><div>APPR: Gurunandan GA</div><div>2025-05-29</div></div></div> |  |                                      |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |
| <div><div>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</div><div><div>THIRD ANGLE PROJECTION</div><div><div>DRAWING</div><div>D-SIZE</div></div></div><div><div>SERIES</div><div>160112</div></div></div>                                |  |                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                               |  |                                      |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |

L

K

J

H

G

F

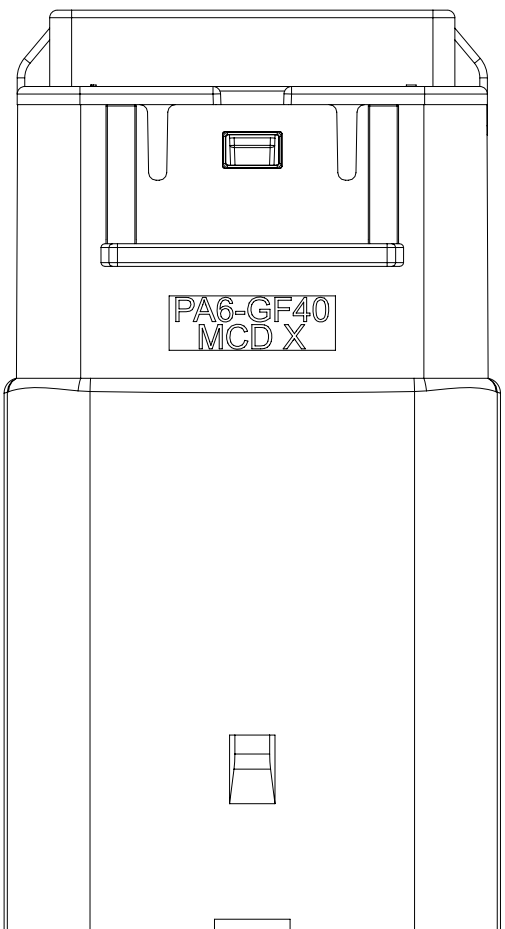
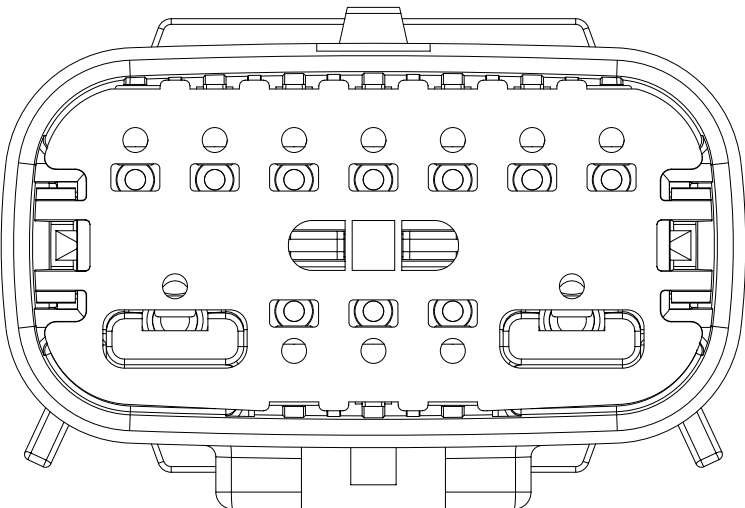
E

D

C

B

A



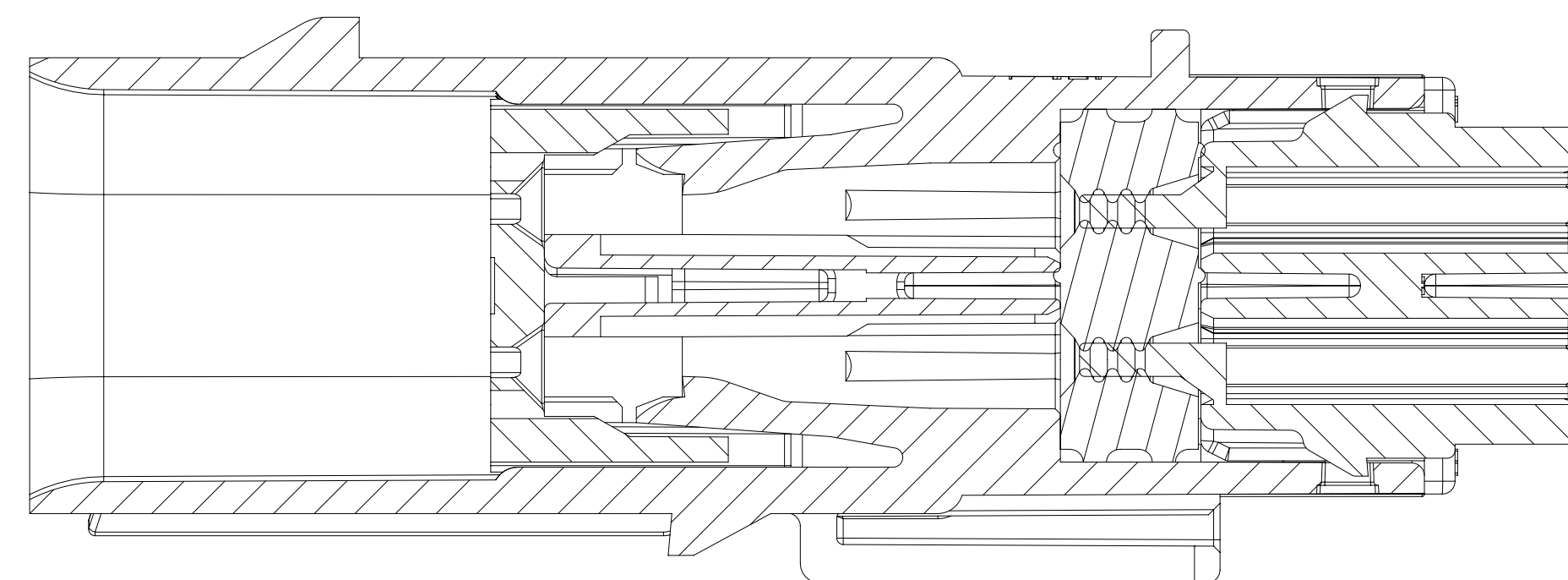
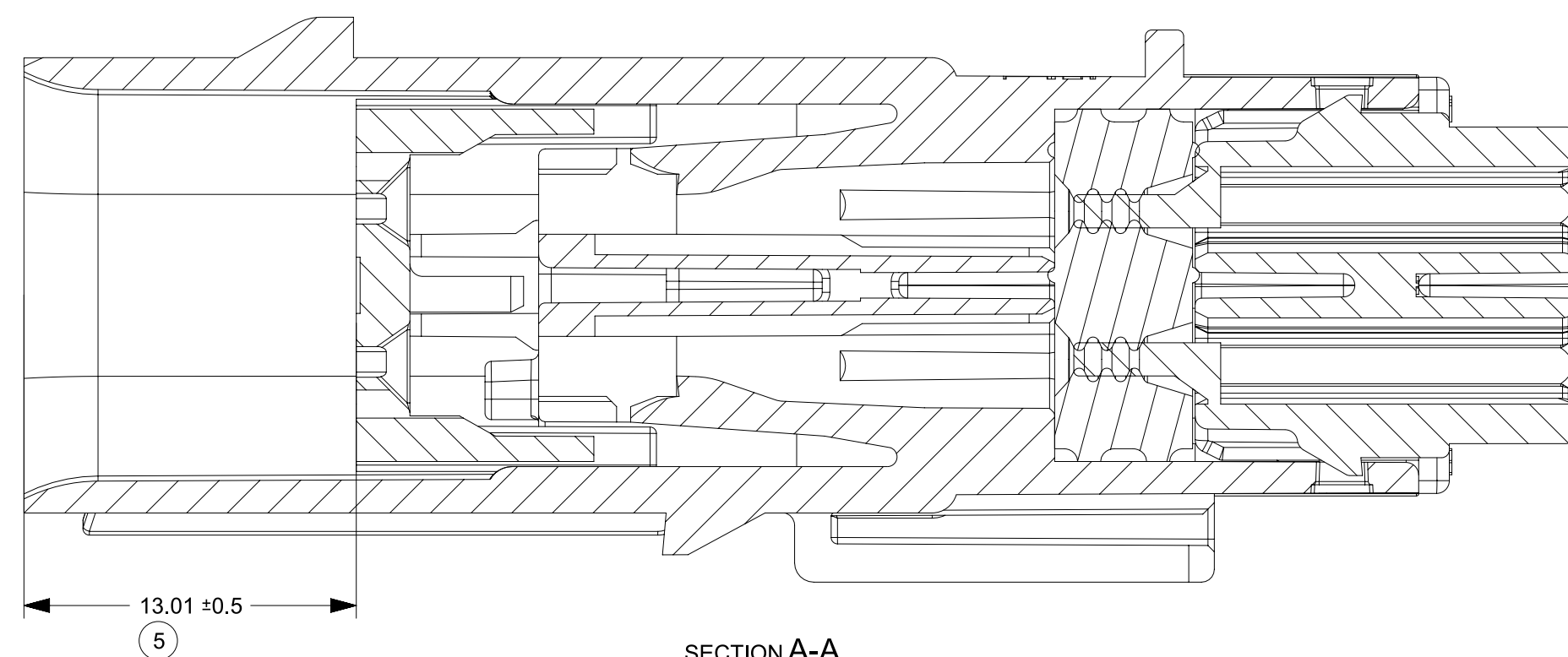
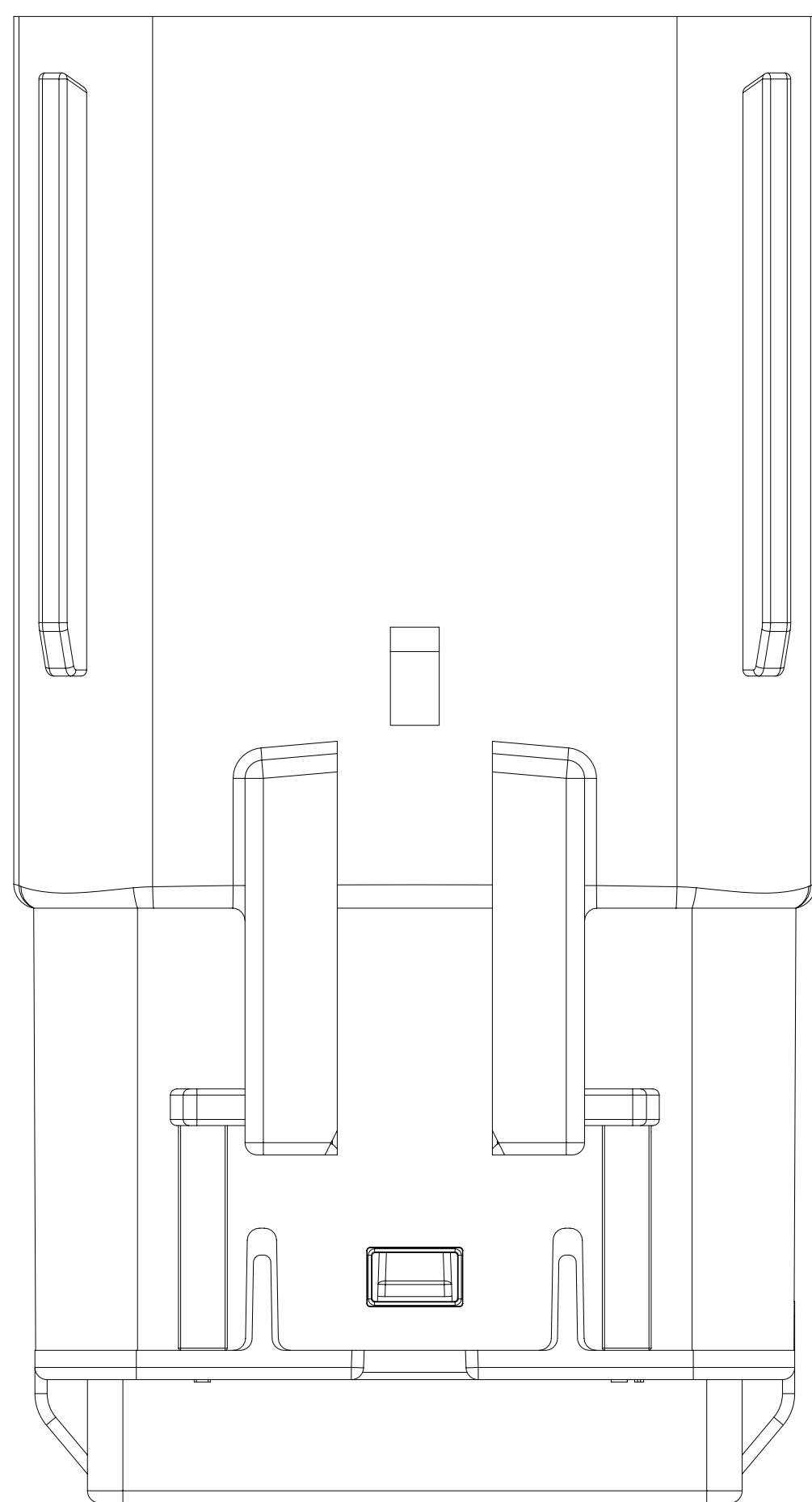
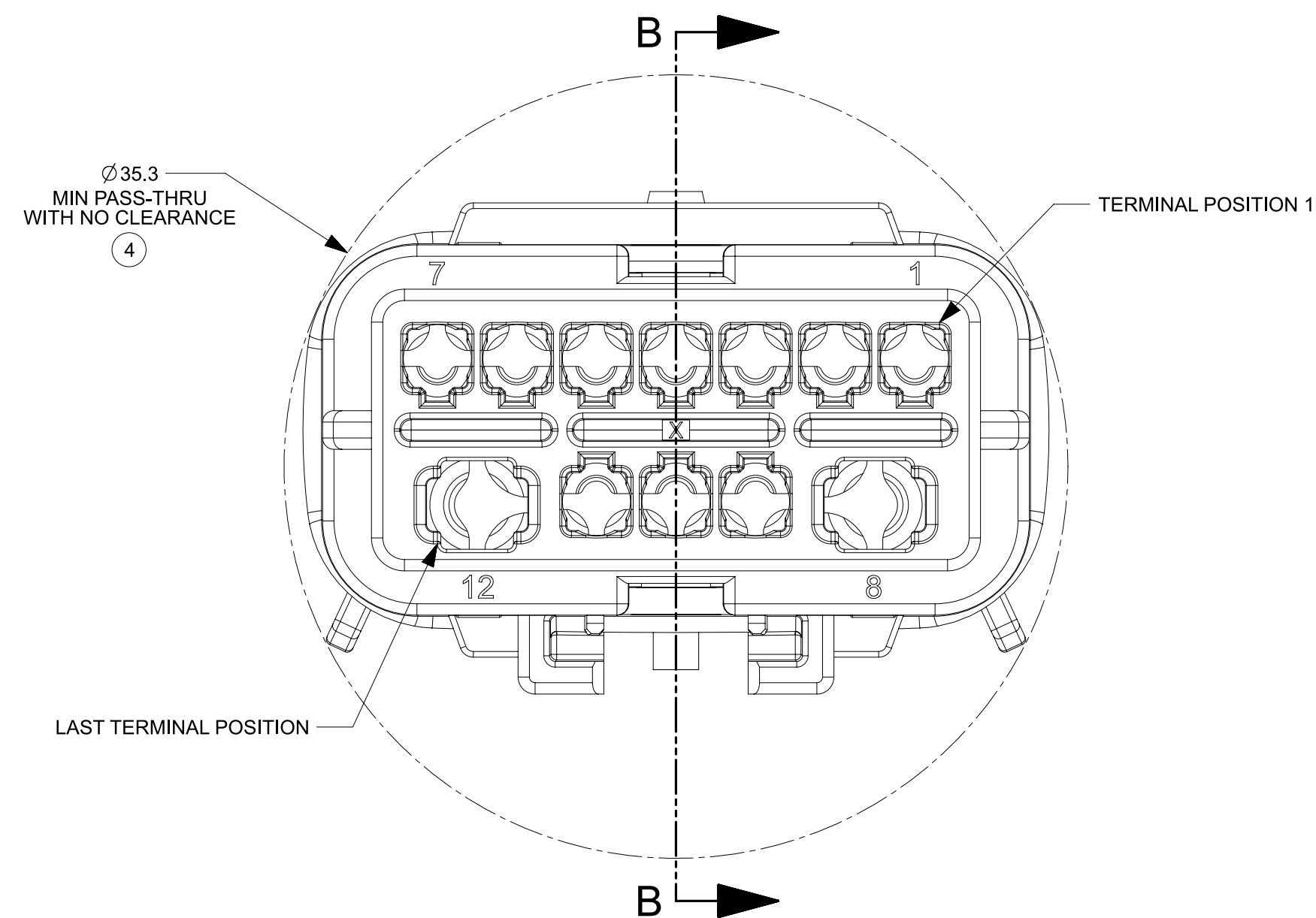
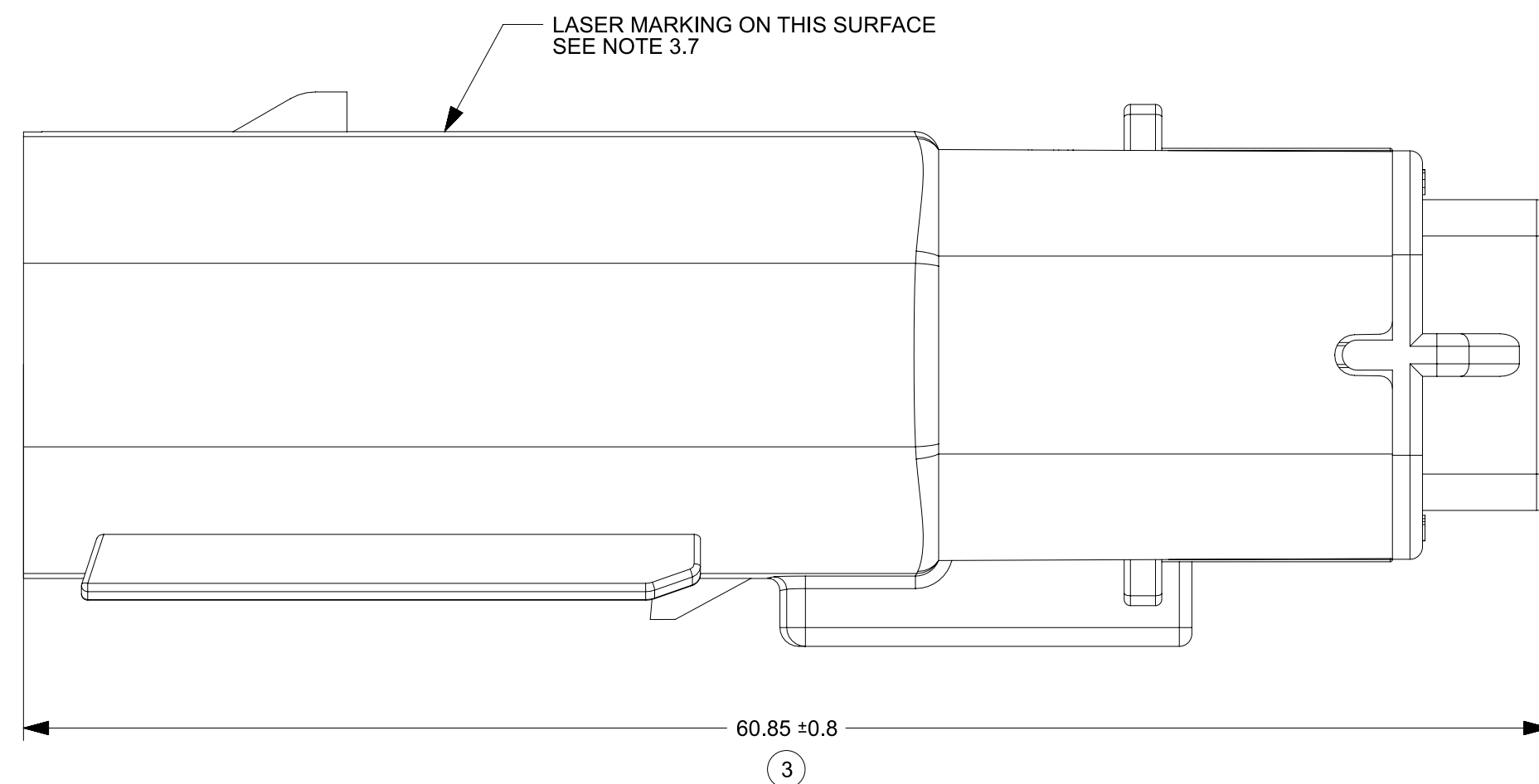
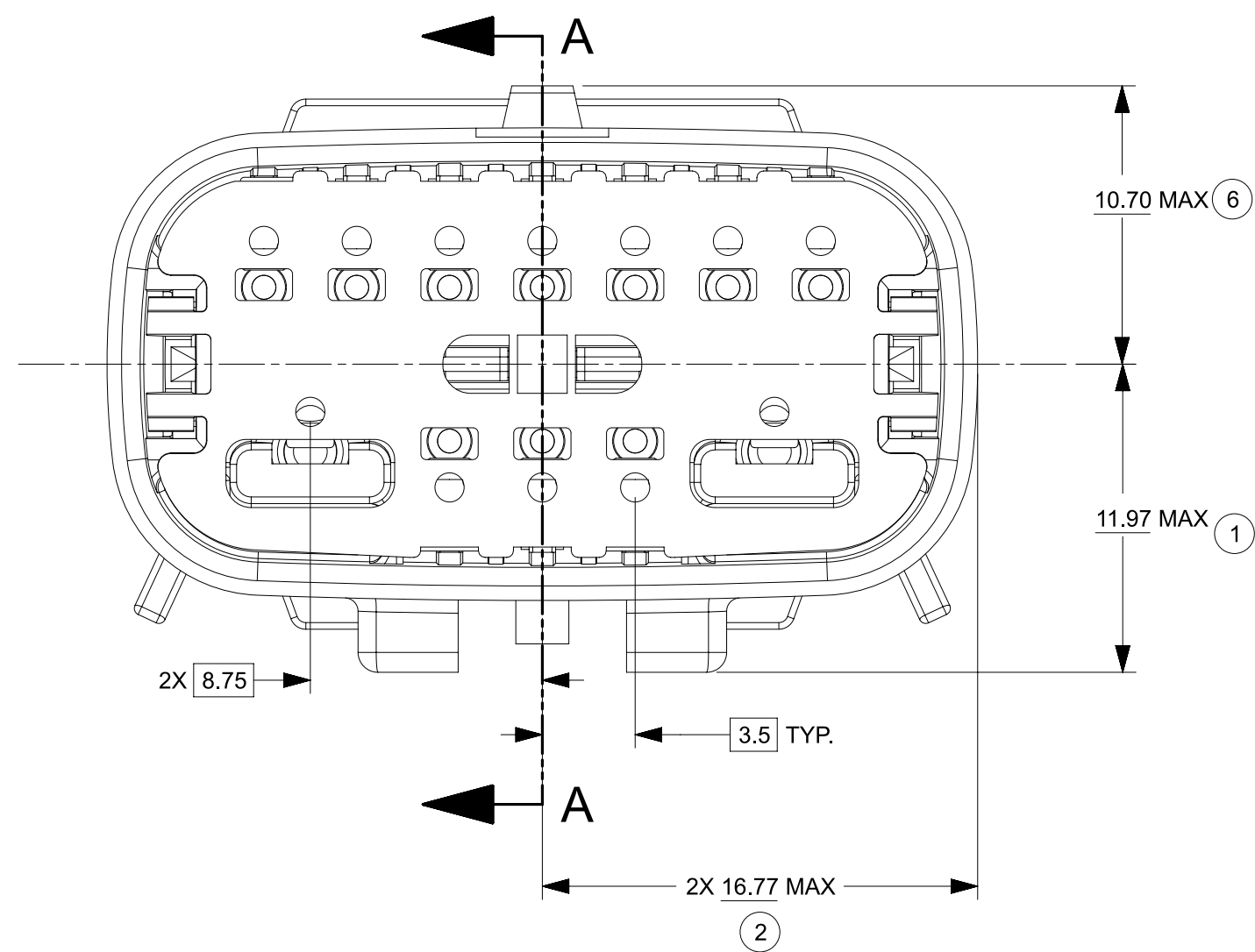
12W HYBRID

CONT.

|                                                                                                                                               |  |                                       |  |                        |  |                      |  |         |  |                                      |  |        |  |  |  |                                                                                                                                                                                         |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |              |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------|--|------------------------|--|----------------------|--|---------|--|--------------------------------------|--|--------|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--------------|--|--|--|--|--|--|--|--|--|--|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                       |  |                        |  |                      |  |         |  | CURRENT REV DESC: SEE REVISION TABLE |  |        |  |  |  |                                                                                                                                                                                         |  |  |  | <div>molex</div> <div>MX150 HYBRID MAT SEAL BLD CONN ASM SALES</div> <div>PRODUCT CUSTOMER DRAWING</div> <div><div>DOCUMENT NUMBER</div><div>1601120000</div><div>DOC TYPE</div><div>PSD</div><div>DOC PART</div><div>000</div><div>REVISION</div><div>F3</div></div> <div><div>MATERIAL NUMBER</div><div>CUSTOMER</div><div>SHEET NUMBER</div><div>SEE TABLE</div><div>2 OF 6</div></div> |  |  |  |              |  |  |  |  |  |  |  |  |  |  |  |
| FUNCTIONAL SYMBOLS                                                                                                                            |  | DIMENSION UNITS                       |  | SCALE                  |  | <div>SEE NOTES</div> |  |         |  |                                      |  |        |  |  |  | <div>STATUS: Production</div> <div>DRWN: Srikanth CV</div> <div>2025-05-26</div> <div>CHK'D: Chaitra D</div> <div>2025-05-29</div> <div>APPR: Gurunandan GA</div> <div>2025-05-29</div> |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |              |  |  |  |  |  |  |  |  |  |  |  |
| <div><div><div><div><div></div></div></div><div><div></div></div></div><div>= 0</div></div>                                                   |  | mm                                    |  | 2:1                    |  |                      |  |         |  |                                      |  |        |  |  |  |                                                                                                                                                                                         |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |              |  |  |  |  |  |  |  |  |  |  |  |
| <div><div><div><div><div></div></div></div><div><div></div></div></div><div>= 0</div></div>                                                   |  | GENERAL TOLERANCES (UNLESS SPECIFIED) |  |                        |  |                      |  |         |  |                                      |  |        |  |  |  |                                                                                                                                                                                         |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |              |  |  |  |  |  |  |  |  |  |  |  |
| <div><div><div><div><div></div></div></div><div><div></div></div></div><div>= 0</div></div>                                                   |  | ANGULAR TOL ± 0.5°                    |  |                        |  |                      |  |         |  |                                      |  |        |  |  |  |                                                                                                                                                                                         |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |              |  |  |  |  |  |  |  |  |  |  |  |
| DIVISIONAL SYMBOLS                                                                                                                            |  | 4 PLACES                              |  | ±                      |  |                      |  |         |  |                                      |  |        |  |  |  |                                                                                                                                                                                         |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |              |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                               |  | 3 PLACES                              |  | ±                      |  |                      |  |         |  |                                      |  |        |  |  |  |                                                                                                                                                                                         |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |              |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                               |  | 2 PLACES                              |  | ±                      |  |                      |  |         |  |                                      |  |        |  |  |  |                                                                                                                                                                                         |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |              |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                               |  | 1 PLACES                              |  | ±                      |  |                      |  |         |  |                                      |  |        |  |  |  |                                                                                                                                                                                         |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |              |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                               |  | 0 PLACES                              |  | ±                      |  |                      |  |         |  |                                      |  |        |  |  |  |                                                                                                                                                                                         |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |              |  |  |  |  |  |  |  |  |  |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |  |                                       |  | THIRD ANGLE PROJECTION |  |                      |  | DRAWING |  |                                      |  | SERIES |  |  |  | MATERIAL NUMBER                                                                                                                                                                         |  |  |  | CUSTOMER                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  | SHEET NUMBER |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                               |  |                                       |  |                        |  |                      |  | D-SIZE  |  |                                      |  | 160112 |  |  |  | SEE TABLE                                                                                                                                                                               |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |              |  |  |  |  |  |  |  |  |  |  |  |

[illegible]

|                          |
|--------------------------|
| SHEET DESCRIPTION        |
| BLADE CONNECTOR ASSEMBLY |



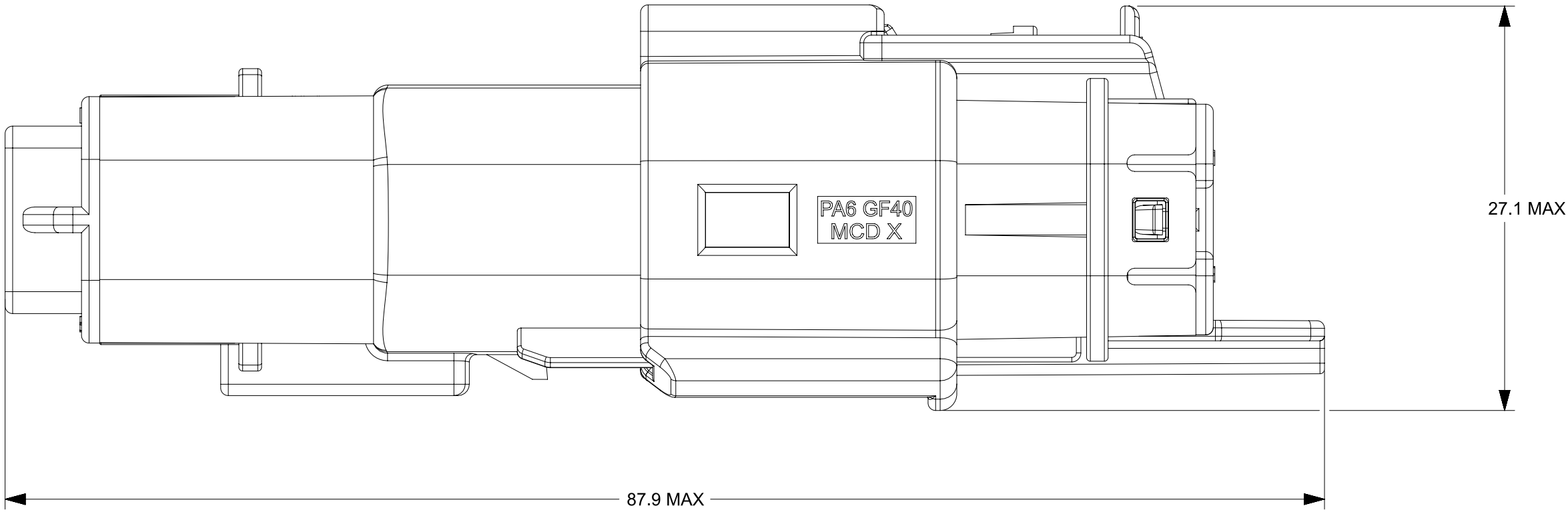
SECTION A-A

PRIMARY LOCK REINFORCER (PLR) SHOWN  
IN PRE-STAGE POSITION

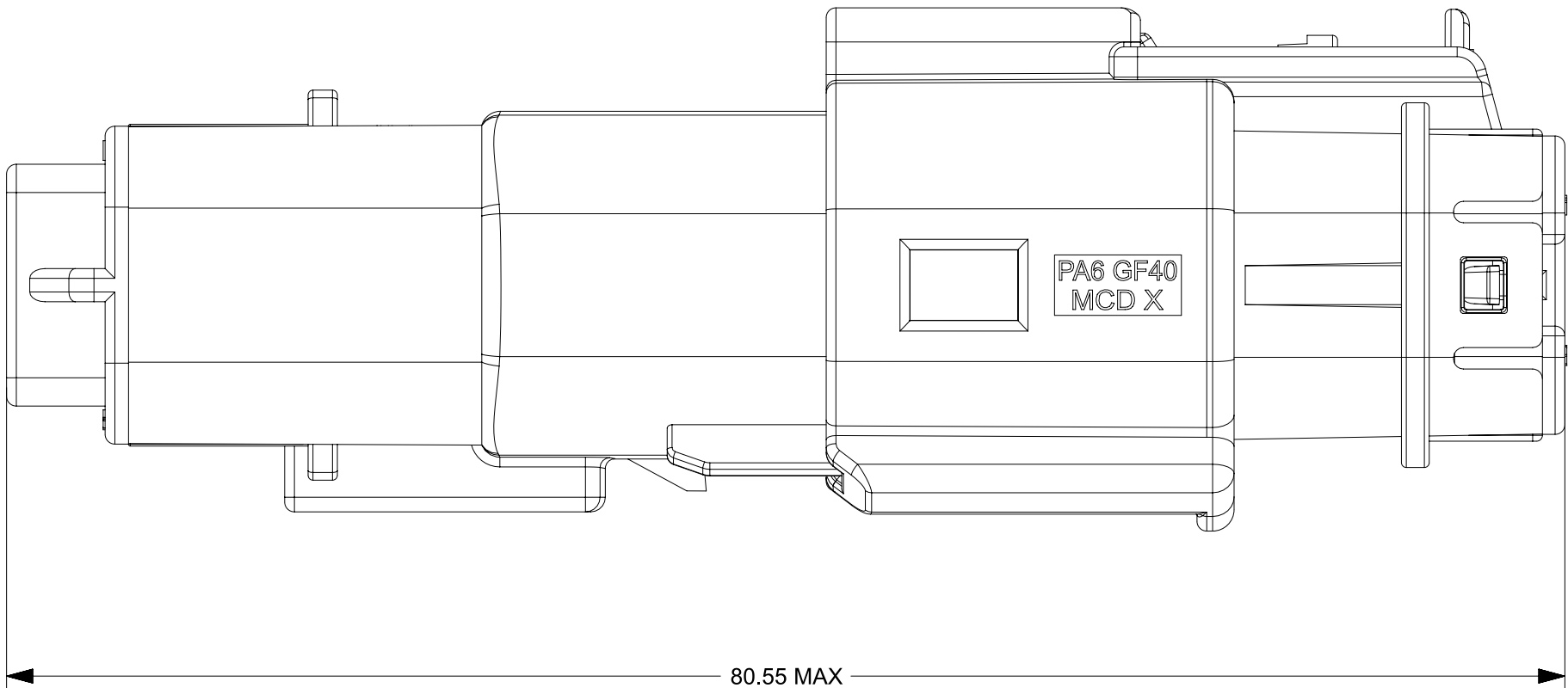
SECTION B-B

PRIMARY LOCK REINFORCER (PLR) SHOWN  
IN FINAL-STAGE POSITION

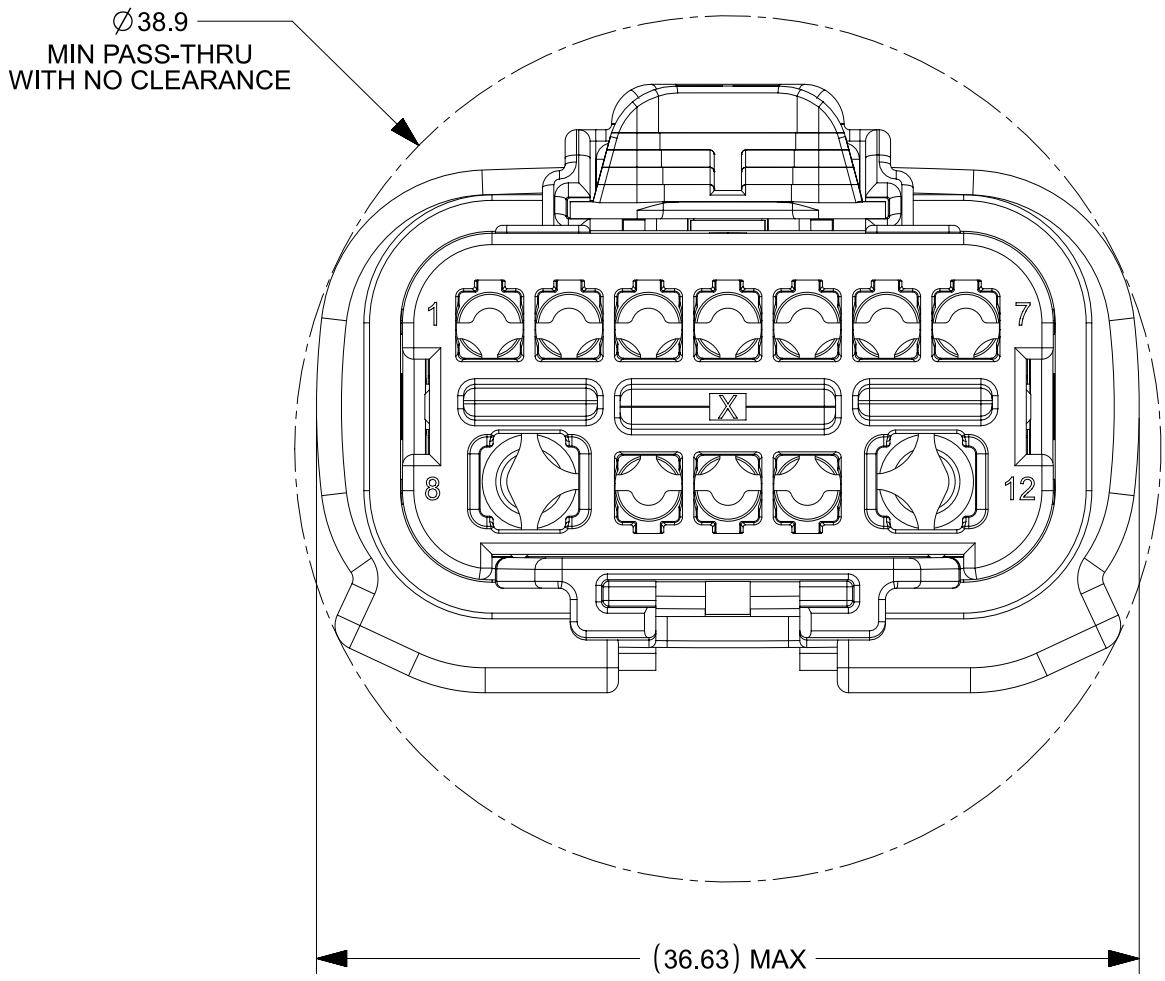
|                                                      |                                                                                                                                               |  |                                                                                                                                                     |  |                                      |                          |  |                                                                      |          |              |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------|--------------------------|--|----------------------------------------------------------------------|----------|--------------|
| FUNCTIONAL 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: SEE REVISION TABLE |                          |  | <div>molex</div> <div>MX150 HYBRID MAT SEAL BLD CONN ASM SALES</div> |          |              |
|                                                      | mm                                                                                                                                            |  | 4:1                                                                                                                                                 |  |                                      |                          |  |                                                                      |          |              |
|                                                      | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  | <div>STATUS: Production</div> <div>DRWN: Srikanth CV2025-05-26</div> <div>CHK'D: Chaitra D2025-05-29</div> <div>APPR: Gurunandan GA2025-05-29</div> |  |                                      | PRODUCT CUSTOMER DRAWING |  |                                                                      |          |              |
|                                                      | ANGULAR TOL ± 0.5°                                                                                                                            |  |                                                                                                                                                     |  |                                      | DOCUMENT NUMBER          |  | DOC TYPE                                                             | DOC PART | REVISION     |
|                                                      | 4 PLACES ±                                                                                                                                    |  |                                                                                                                                                     |  |                                      | 1601120000               |  | PSD                                                                  | 000      | F3           |
|                                                      | 3 PLACES ±                                                                                                                                    |  |                                                                                                                                                     |  |                                      | MATERIAL NUMBER          |  | CUSTOMER                                                             |          | SHEET NUMBER |
|                                                      | 2 PLACES ±                                                                                                                                    |  |                                                                                                                                                     |  |                                      | THIRD ANGLE PROJECTION   |  | DRAWING                                                              | SERIES   |              |
|                                                      | 1 PLACE ±                                                                                                                                     |  |                                                                                                                                                     |  | D-SIZE                               | 160112                   |  |                                                                      |          |              |
|                                                      | 0 PLACES ±                                                                                                                                    |  |                                                                                                                                                     |  |                                      |                          |  |                                                                      |          |              |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                                                                                               |  |                                                                                                                                                     |  |                                      |                          |  |                                                                      |          |              |



WITH EXTENDED CLIPSLOT RECEPTACLE HOUSING



NON CLIPSLOT RECEPTACLE HOUSING



|                                                                                                                                                                                                                                                                               |                                                                                                                                               |   |       |                      |                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---|-------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| <div>FUNCTIONAL SYMBOLS</div> <div><div><div><div><div><div>FA</div><div>=</div><div>0</div></div></div><div><div><div>FC</div><div>=</div><div>0</div></div></div><div><div><div>FP</div><div>=</div><div>0</div></div></div></div><div>DIVISIONAL SYMBOLS</div></div></div> | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |       |                      |                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                               | DIMENSION UNITS                                                                                                                               |   | SCALE |                      | CURRENT REV DESC: SEE REVISION TABLE                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                               | mm                                                                                                                                            |   | 3:1   |                      |                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                               | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |   |       |                      | <div>STATUS: Production</div> <div>DRWN: Srikanth CV</div> <div>CHK'D: Chaitra D</div> <div>APPR: Gurunandan GA</div> <div>2025-05-26</div> <div>2025-05-29</div> <div>2025-05-29</div> <div>THIRD ANGLE PROJECTION</div> <div>DRAWING</div> <div>SERIES</div> <div>MATERIAL NUMBER</div> <div>CUSTOMER</div> <div>SHEET NUMBER</div> |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                               | ANGULAR TOL ± 0.5°                                                                                                                            |   |       |                      |                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |
| 4 PLACES                                                                                                                                                                                                                                                                      |                                                                                                                                               | ± |       |                      |                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |
| 3 PLACES                                                                                                                                                                                                                                                                      |                                                                                                                                               | ± |       |                      |                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |
| 2 PLACES                                                                                                                                                                                                                                                                      |                                                                                                                                               | ± |       |                      |                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |
| 1 PLACE                                                                                                                                                                                                                                                                       |                                                                                                                                               | ± |       |                      |                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |
| 0 PLACES                                                                                                                                                                                                                                                                      |                                                                                                                                               | ± |       |                      |                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                                                                                                                                                          |                                                                                                                                               |   |       | <div>SEE NOTES</div> |                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |

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| <div>molex</div>                         |  |          |          |          |  |
| MX150 HYBRID MAT SEAL BLD CONN ASM SALES |  |          |          |          |  |
| PRODUCT CUSTOMER DRAWING                 |  |          |          |          |  |
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| 1601120000                               |  | PSD      | 000      | F3       |  |
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| M | 19                       | 18 | 17 | 16                                                                                                                                                                                                                                                                                             | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|   | SHEET DESCRIPTION        |    |    |                                                                                                                                                                                                                                                                                                |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |
|   | 12W HYBRID CONNECTOR BOM |    |    |                                                                                                                                                                                                                                                                                                |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |
| L |                          |    |    |                                                                                                                                                                                                                                                                                                |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |
|   |                          |    |    | <div><div><div>TERMINAL POSITION 7</div><div>TERMINAL POSITION 1</div><div>TERMINAL POSITION 12</div><div>TERMINAL POSITION 8</div></div><div><div>CONNECTOR HOUSING FOR OPTIONS SEE BOM</div><div>GROMMET CAP</div><div>MAT SEAL</div><div>PRIMARY LOCK REINFORCEMENT (PLR)</div></div></div> |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |
| K |                          |    |    |                                                                                                                                                                                                                                                                                                |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |
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