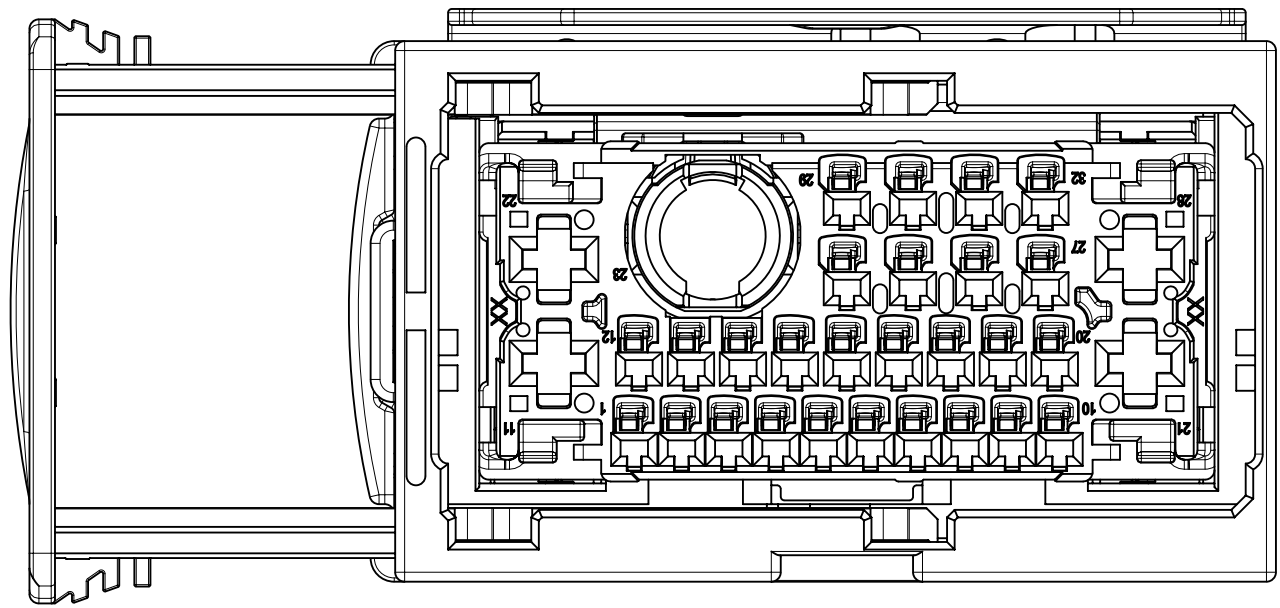
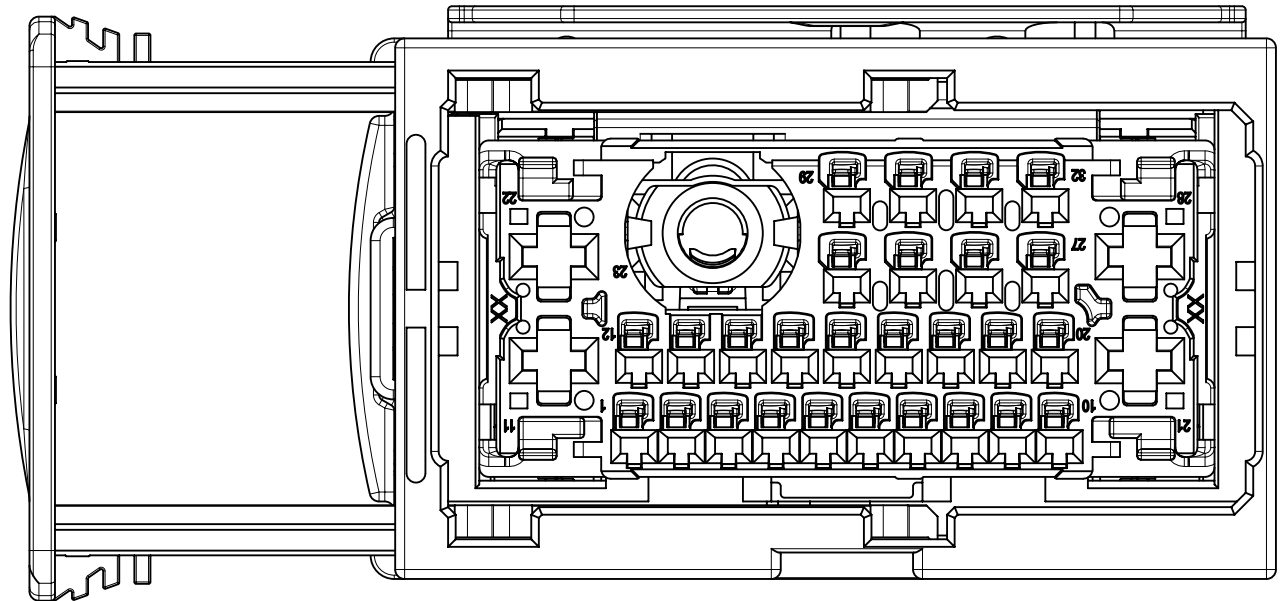
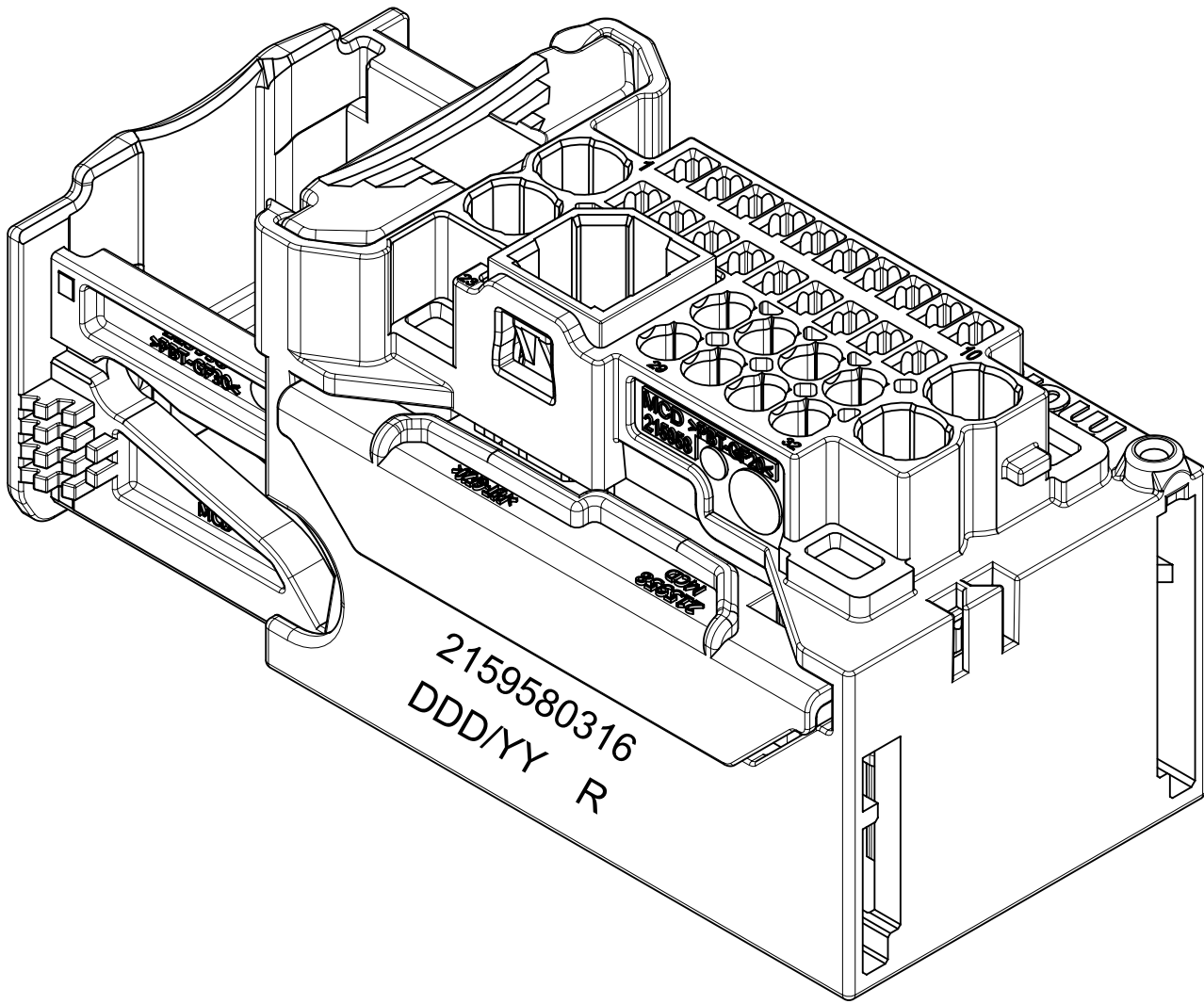


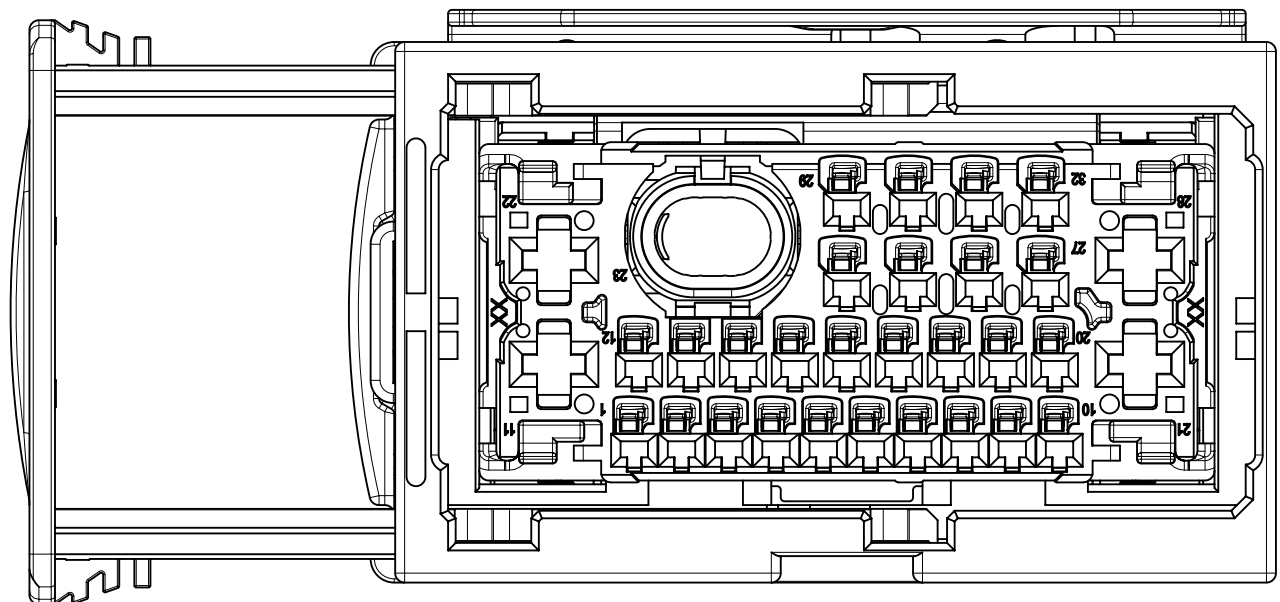
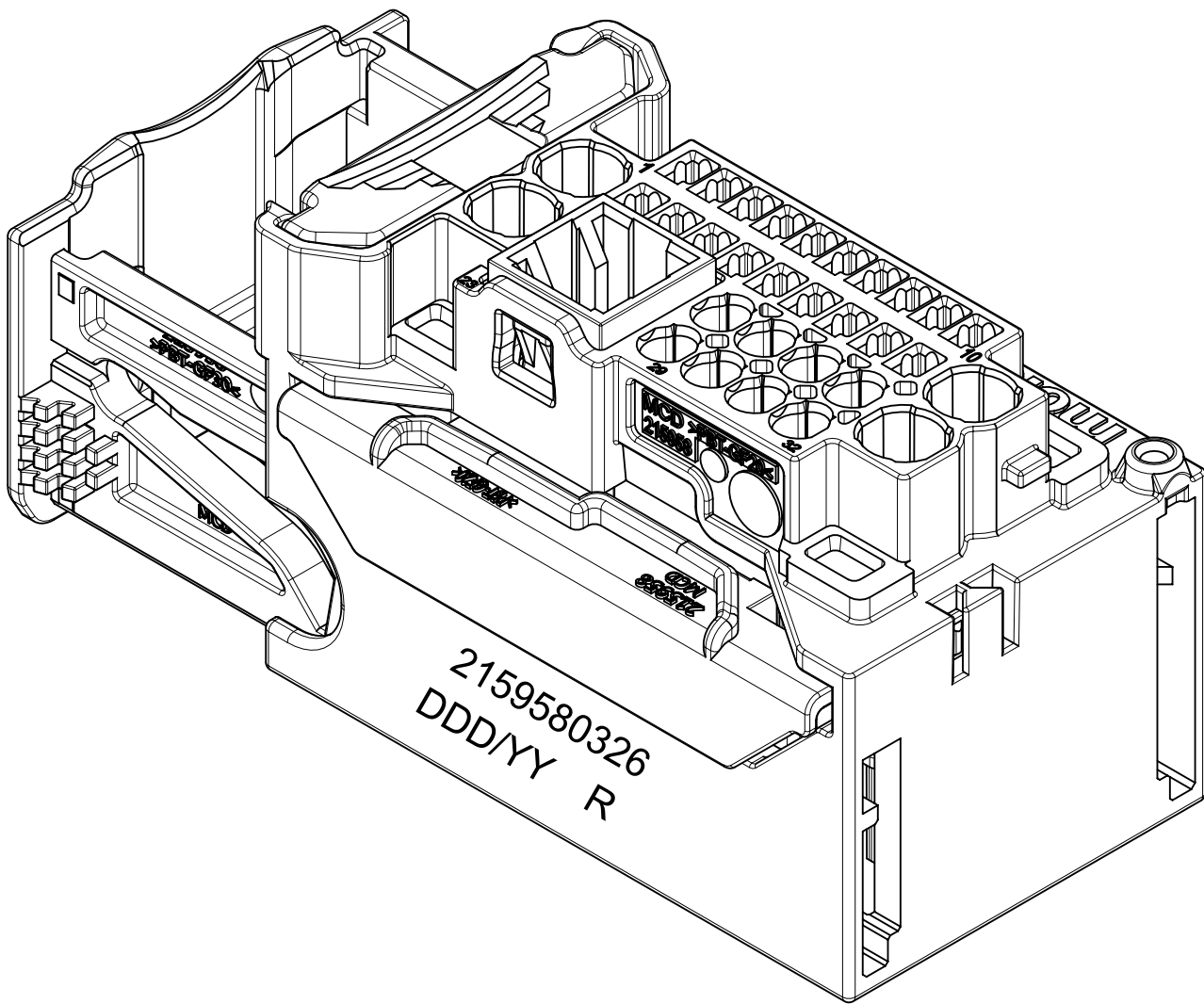
| MODIFICATIONS |                                                                     |      |            |
|---------------|---------------------------------------------------------------------|------|------------|
| REV.          | DESCRIPTIONS                                                        | NAME | DATE       |
| A             | FIRST RELEASE                                                       | VJ   | 2023-06-27 |
| A1            | SHEET 3 : ADD ASSOCIATED PARTS TABLE AND REVIEW MARKING 3c IN TABLE | VJ   | 2024-04-19 |



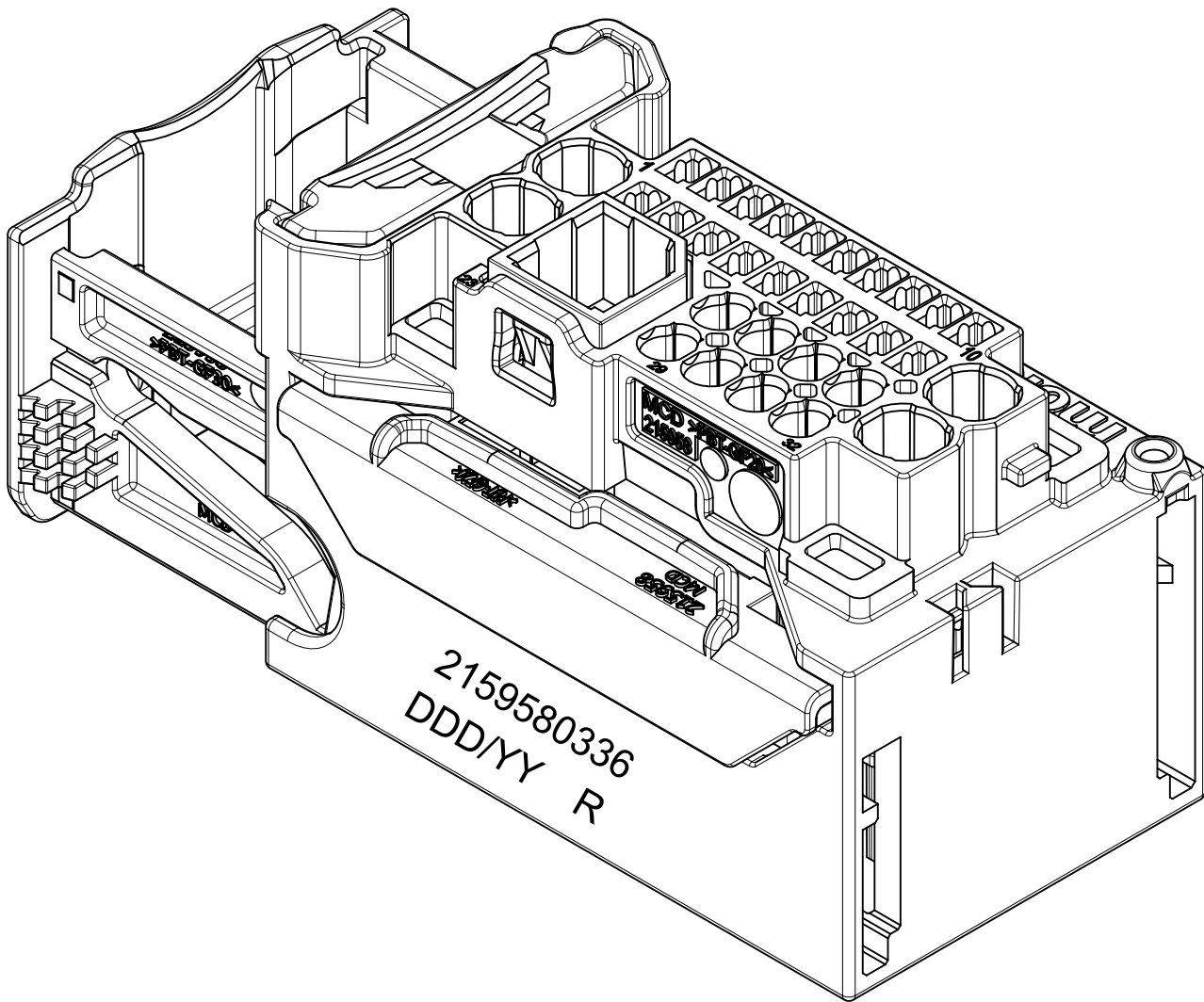
HSD FEMALE MODULE  
KEYING F SHOWN



Mini Coax FEMALE MODULE  
KEYING H SHOWN



MGE FEMALE MODULE  
KEYING K SHOWN



- NOTES:
1. GENERAL:
- 1.1 PRODUCT SPECIFICATION: 2159580000-PS
  - 1.2 TEST SUMMARY: XXXXXXXXXX-TS
  - 1.3 APPLICATION SPECIFICATION: 2159580000-AS
  - 1.4 PACKAGING SPECIFICATION: 2159580150-PK
  - 1.5 COSMETIC SPECIFICATION: PS-45499-002 CLASS B
  - 1.6 MATES WITH : BLADE CONNECTOR DRAWING 2159580400-SD
  - 1.7 CONNECTOR MATING FORCE ALLOWED : 65 N MAXI
  - 1.8 WEIGHT (GRAMS) :
    - HSD VERSION : 26.16 g
    - Mini Coax VERSION : 26.54 g
    - MGE VERSION : 25.36 g

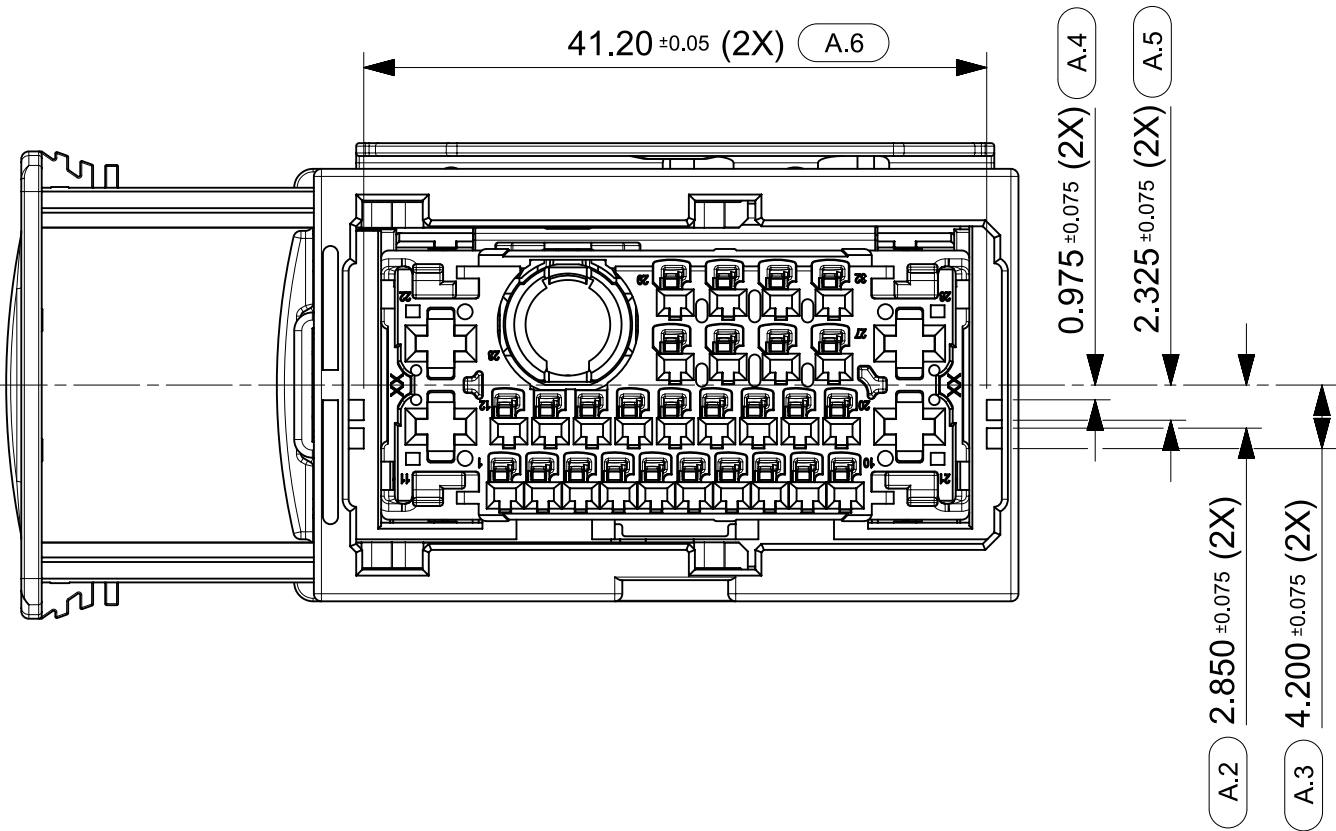
2. DESIGN - MATERIALS:
- SEE TABLE ON SHEET 3

|                                                                                                                                               |  |                                                                                       |  |                                                                                                                                                                                                  |  |                |  |              |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|--|--------------|--|--|--|
| 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                                                                                                                                            |  | 2.5:1                                                                                 |  |                                                                                                                                                                                                  |  |                |  |              |  |  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |                                                                                       |  | <div>STATUS: Production</div> <div>DRWN: Valerie Jouas</div> <div>CHK'D: OlivierPlessis</div> <div>APPR: Matthieu Huguet</div> <div>2023-11-30</div> <div>2024-04-19</div> <div>2024-04-19</div> |  |                |  |              |  |  |  |
| ANGULAR TOL                                                                                                                                   |  | ± 0.5°                                                                                |  |                                                                                                                                                                                                  |  |                |  |              |  |  |  |
| 4 PLACES                                                                                                                                      |  | ± 0.01000                                                                             |  |                                                                                                                                                                                                  |  |                |  |              |  |  |  |
| 3 PLACES                                                                                                                                      |  | ± 0.0300                                                                              |  |                                                                                                                                                                                                  |  |                |  |              |  |  |  |
| 2 PLACES                                                                                                                                      |  | ± 0.050                                                                               |  |                                                                                                                                                                                                  |  |                |  |              |  |  |  |
| 1 PLACE                                                                                                                                       |  | ± 0.10                                                                                |  |                                                                                                                                                                                                  |  |                |  |              |  |  |  |
| 0 PLACES                                                                                                                                      |  | ± 0.15                                                                                |  |                                                                                                                                                                                                  |  |                |  |              |  |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |  |                                                                                       |  | FIRST ANGLE PROJECTION                                                                                                                                                                           |  | DRAWING        |  | SHEET        |  |  |  |
|                                                                                                                                               |  |  |  |                                                                                                                                                                                                  |  | A1-SIZE        |  | 215958       |  |  |  |
|                                                                                                                                               |  |                                                                                       |  |                                                                                                                                                                                                  |  | SEE SHEET 3    |  | CUSTOMER     |  |  |  |
|                                                                                                                                               |  |                                                                                       |  |                                                                                                                                                                                                  |  | GENERAL MARKET |  | SHEET NUMBER |  |  |  |
|                                                                                                                                               |  |                                                                                       |  |                                                                                                                                                                                                  |  |                |  | 1 OF 4       |  |  |  |

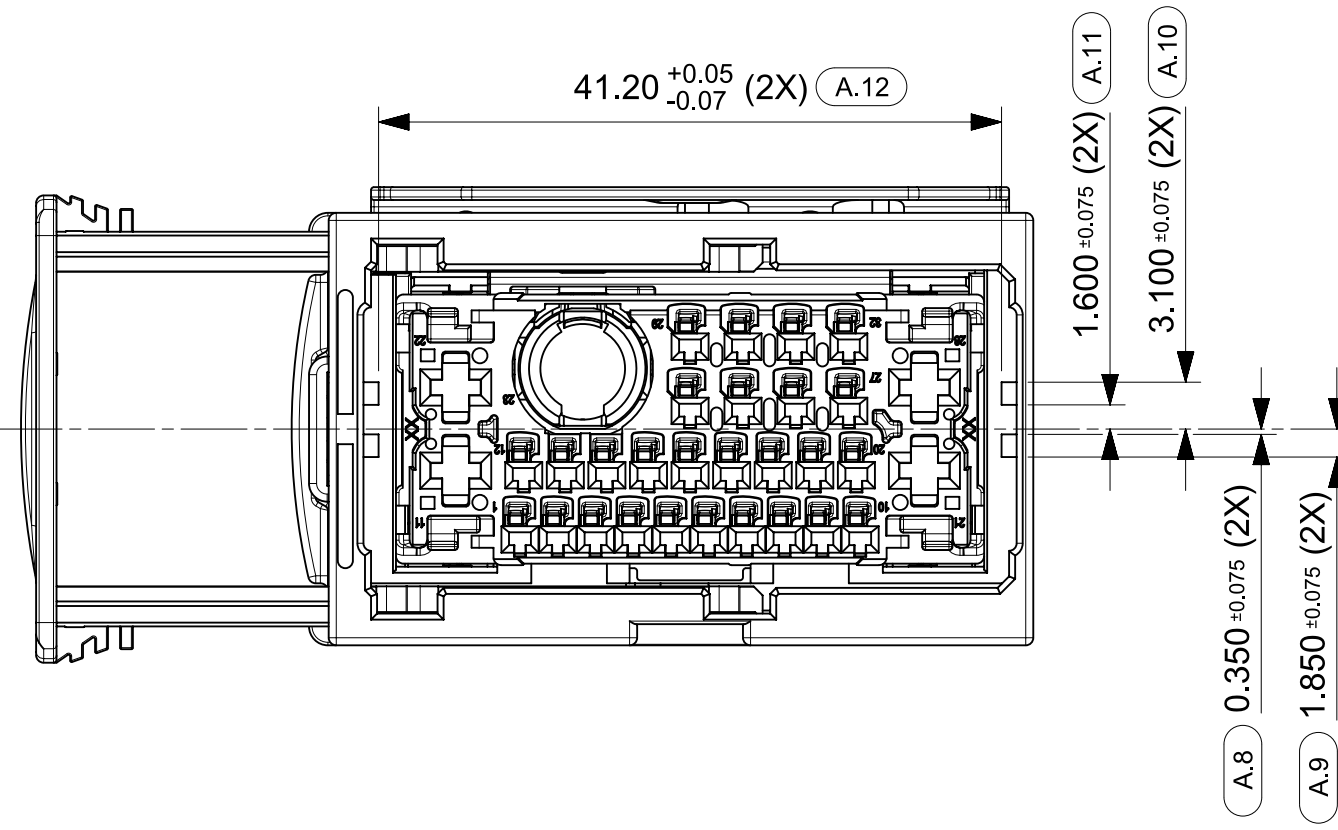
|                             |  |          |          |          |
|-----------------------------|--|----------|----------|----------|
| molex                       |  |          |          |          |
| MX-DaSH_32CKT ASSY RCPT HSG |  |          |          |          |
| PRODUCT SALES DRAWING       |  |          |          |          |
| DOCUMENT NUMBER             |  | DOC TYPE | DOC PART | REVISION |
| 2159580300-SD               |  | PSD      | 000      | A1       |

KEYING DEFINITION

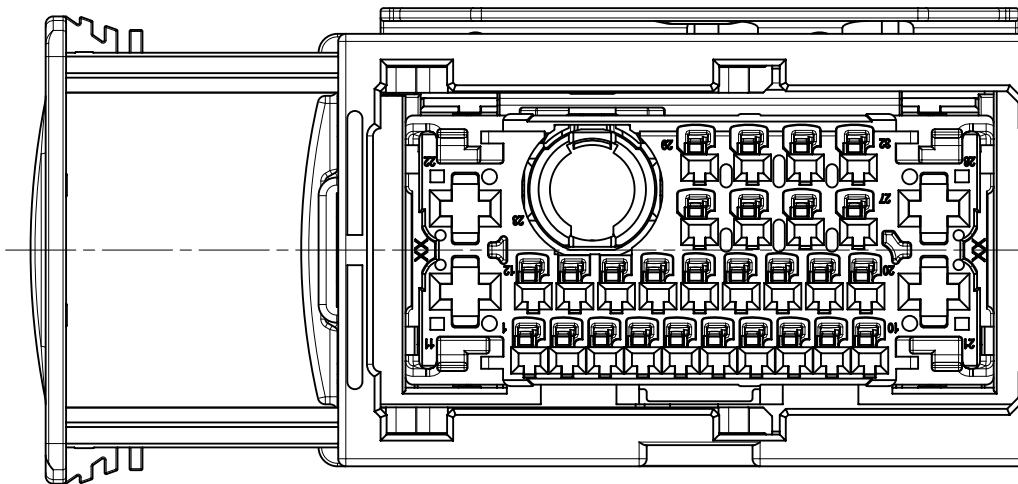
|                                           |            |
|-------------------------------------------|------------|
| HSD MODULE                                |            |
| KEYING                                    | F          |
| MOLEX PART NUMBER                         | 2159580316 |
| COLOR                                     | BROWN      |
| COMPATIBLE WITH<br>BLADE<br>HOUSING COLOR | BROWN      |



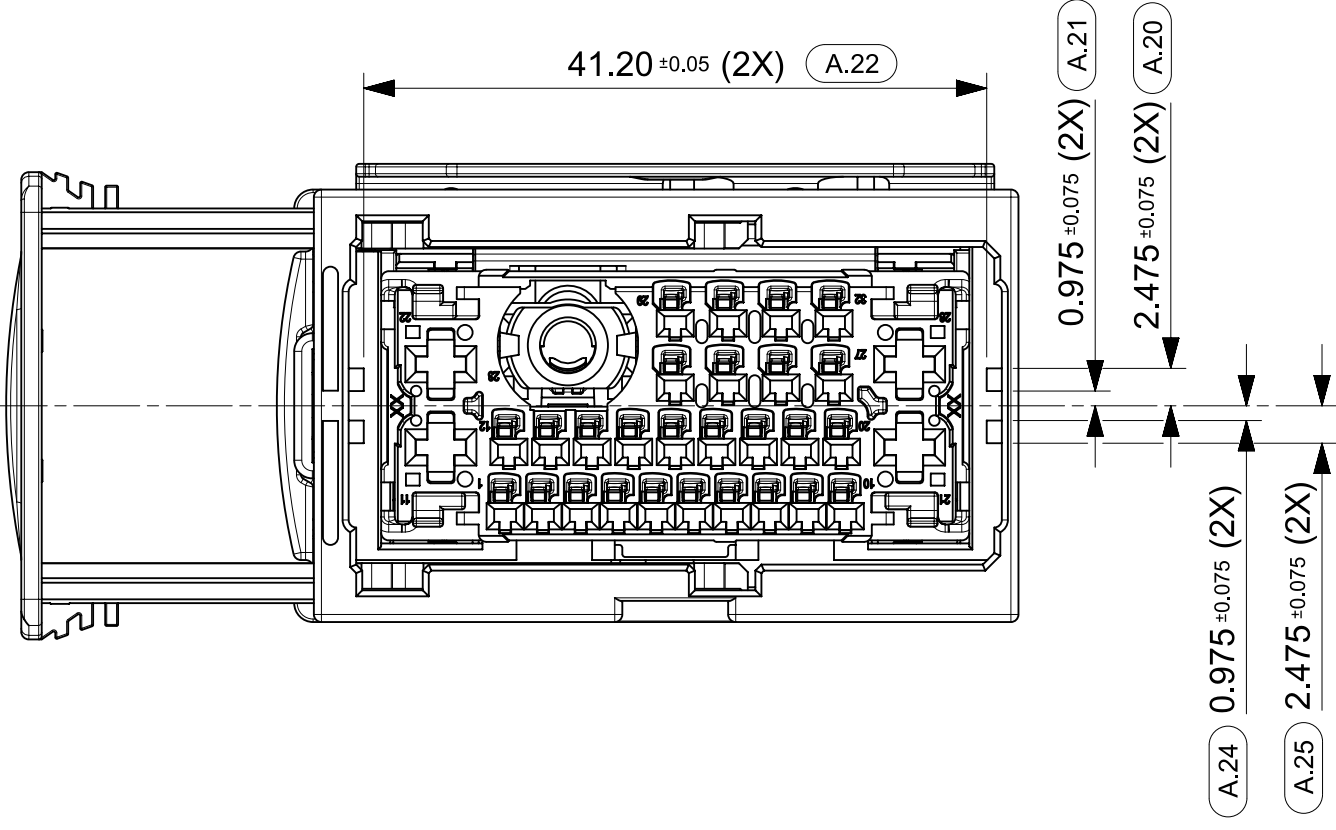
|                                           |            |
|-------------------------------------------|------------|
| HSD MODULE                                |            |
| KEYING                                    | G          |
| MOLEX PART NUMBER                         | 2159580317 |
| COLOR                                     | GREEN      |
| COMPATIBLE WITH<br>BLADE<br>HOUSING COLOR | GREEN      |



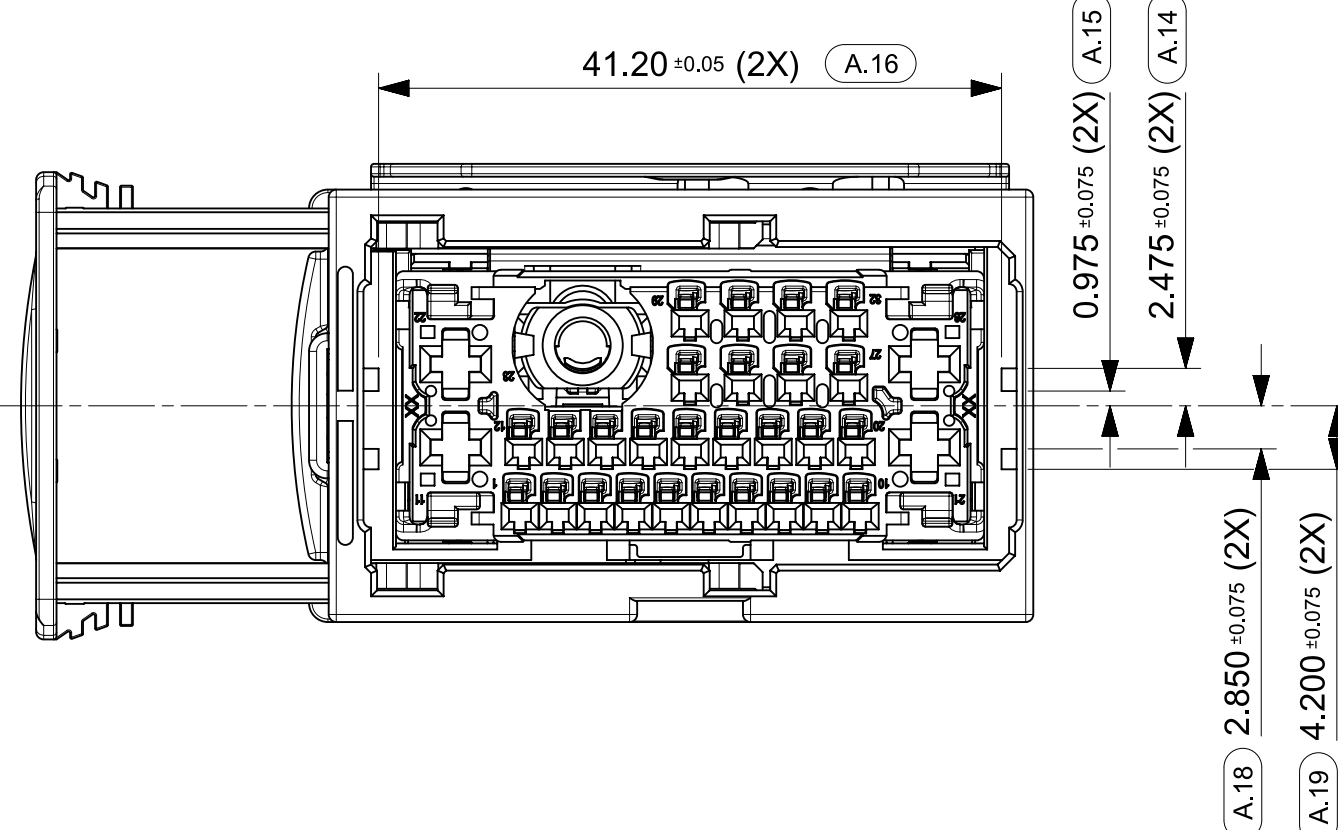
|                                           |            |
|-------------------------------------------|------------|
| HSD MODULE                                |            |
| KEYING                                    | W          |
| MOLEX PART NUMBER                         | 2159580318 |
| COLOR                                     | PURPLE     |
| COMPATIBLE WITH<br>BLADE<br>HOUSING COLOR | PURPLE     |



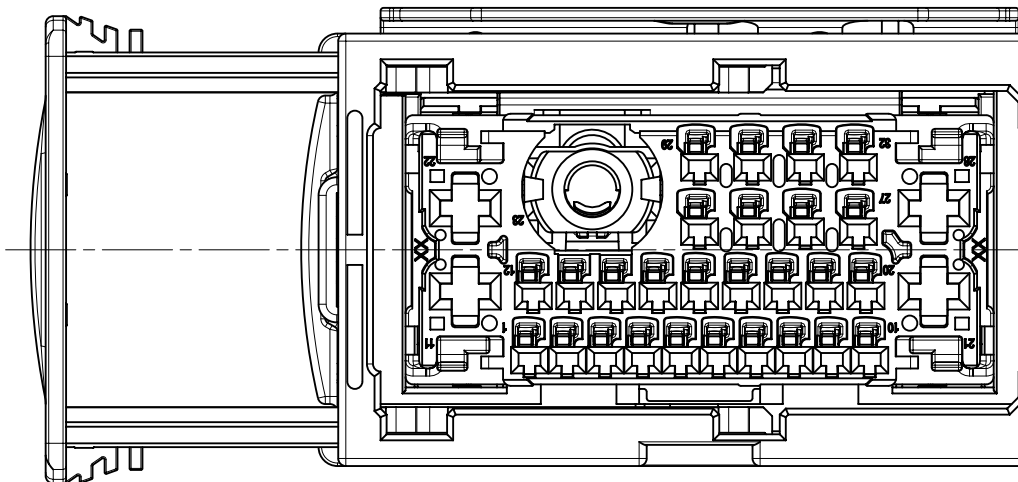
|                                           |                 |
|-------------------------------------------|-----------------|
| Mini Coax MODULE                          |                 |
| KEYING                                    | H               |
| MOLEX PART NUMBER                         | 2159580326      |
| COLOR                                     | NATURAL - WHITE |
| COMPATIBLE WITH<br>BLADE<br>HOUSING COLOR | NATURAL - WHITE |



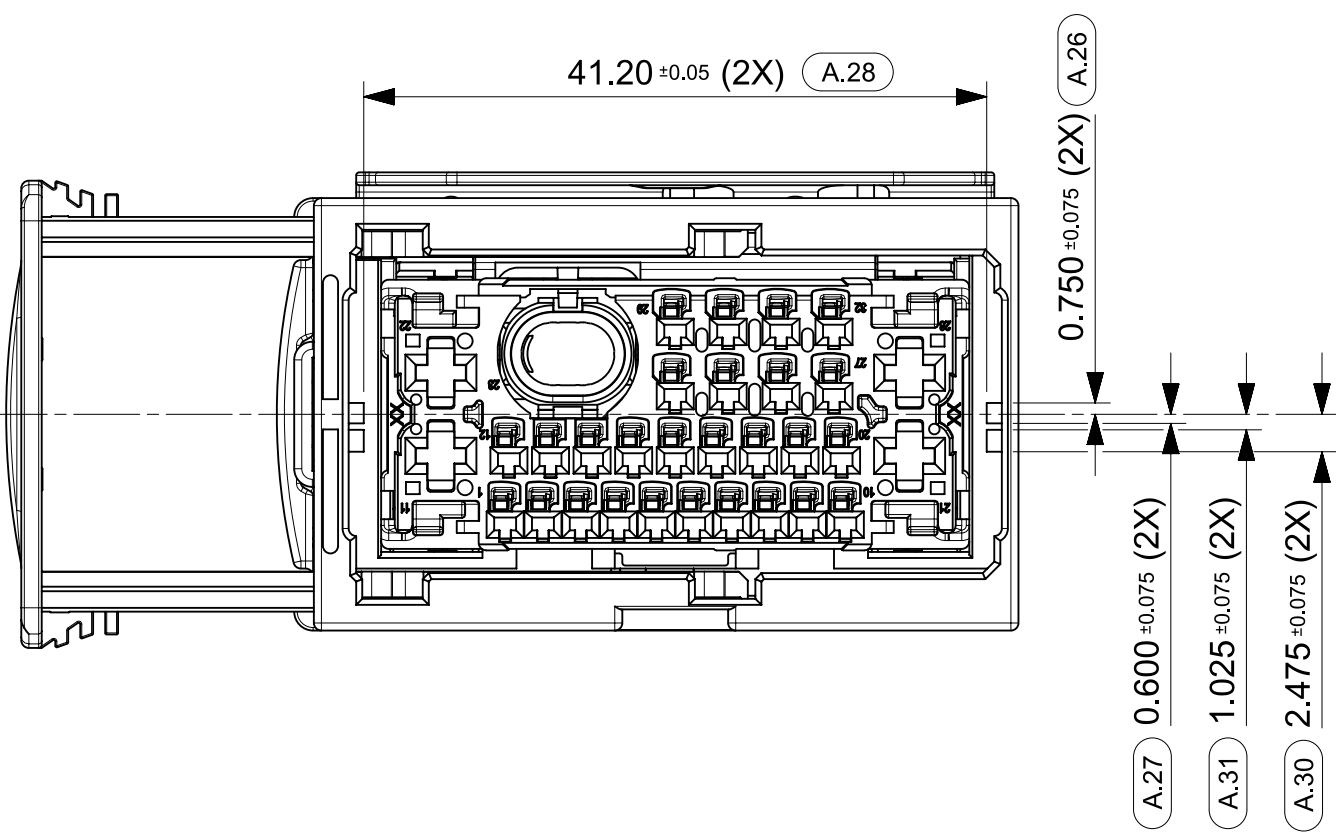
|                                           |            |
|-------------------------------------------|------------|
| Mini Coax MODULE                          |            |
| KEYING                                    | J          |
| MOLEX PART NUMBER                         | 2159580327 |
| COLOR                                     | BLACK      |
| COMPATIBLE WITH<br>BLADE<br>HOUSING COLOR | BLACK      |



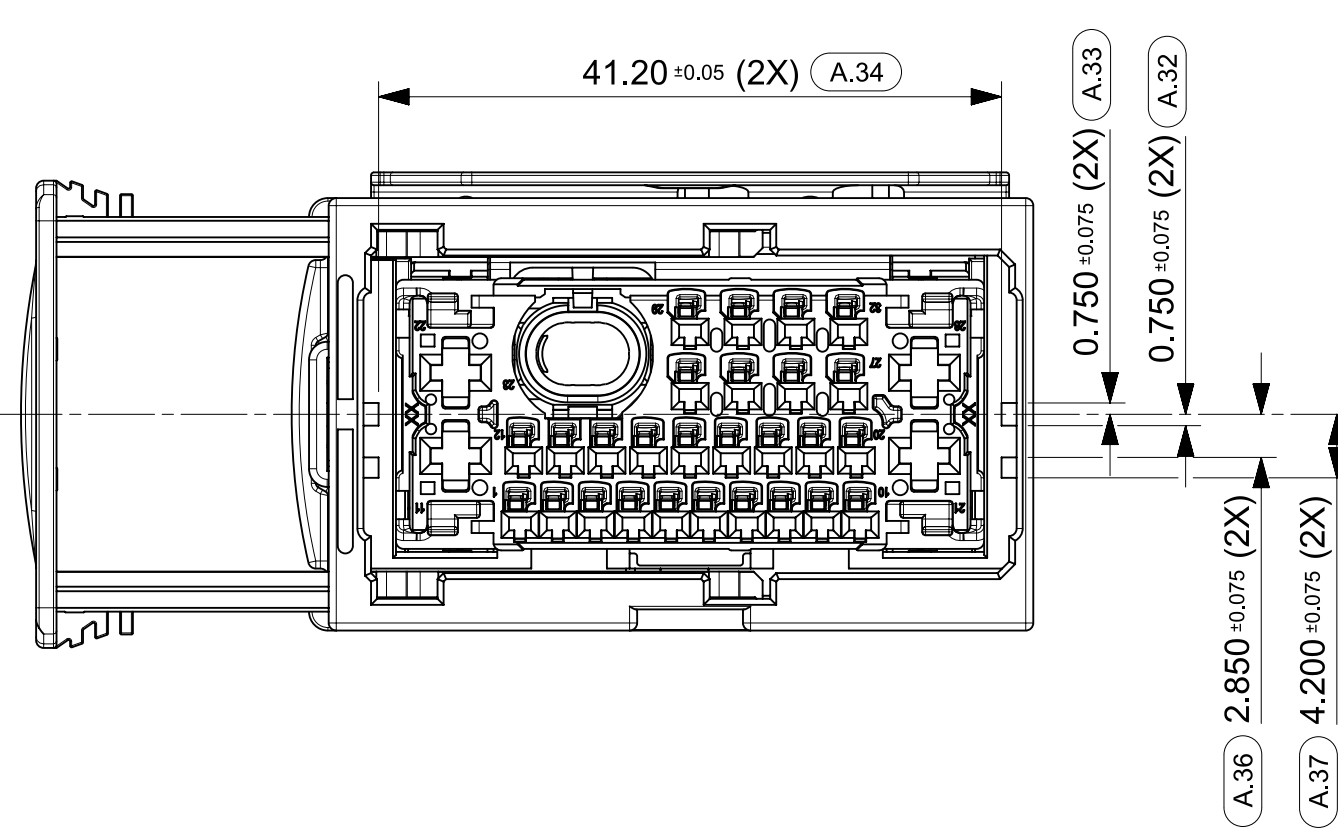
|                                           |            |
|-------------------------------------------|------------|
| Mini Coax MODULE                          |            |
| KEYING                                    | X          |
| MOLEX PART NUMBER                         | 2159580328 |
| COLOR                                     | PURPLE     |
| COMPATIBLE WITH<br>BLADE<br>HOUSING COLOR | PURPLE     |



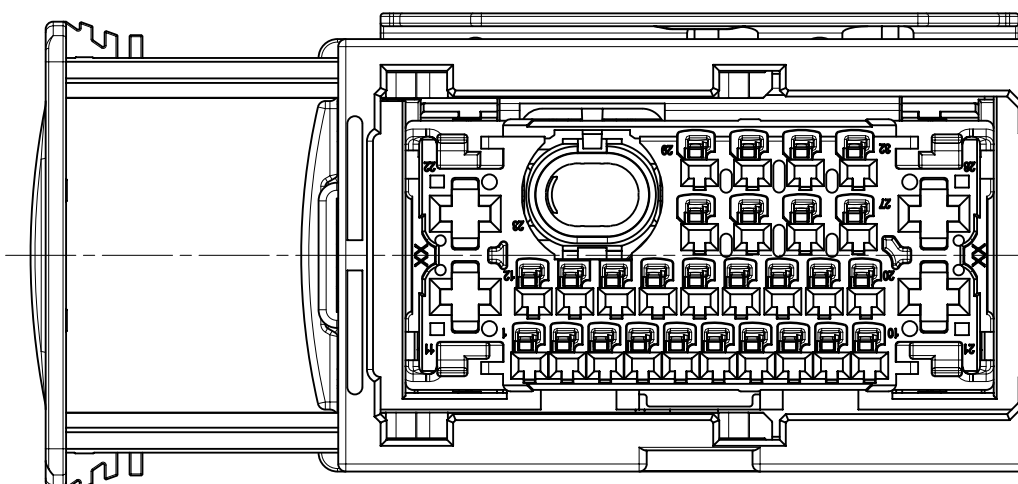
|                                           |            |
|-------------------------------------------|------------|
| MGE MODULE                                |            |
| KEYING                                    | K          |
| MOLEX PART NUMBER                         | 2159580336 |
| COLOR                                     | GREY       |
| COMPATIBLE WITH<br>BLADE<br>HOUSING COLOR | GREY       |



|                                           |            |
|-------------------------------------------|------------|
| MGE MODULE                                |            |
| KEYING                                    | L          |
| MOLEX PART NUMBER                         | 2159580337 |
| COLOR                                     | BLUE       |
| COMPATIBLE WITH<br>BLADE<br>HOUSING COLOR | BLUE       |



|                                           |            |
|-------------------------------------------|------------|
| MGE MODULE                                |            |
| KEYING                                    | Y          |
| MOLEX PART NUMBER                         | 2159580338 |
| COLOR                                     | PURPLE     |
| COMPATIBLE WITH<br>BLADE<br>HOUSING COLOR | PURPLE     |



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DIMENSION UNITS

mm

SCALE

2:1

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

ANGULAR TOL ± 0.5°

4 PLACES ± 0.01000

3 PLACES ± 0.0300

2 PLACES ± 0.050

1 PLACE ± 0.10

0 PLACES ± 0.15

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

STATUS: Production

DRWN: Valerie Jouas

CHK'D: OlivierPlessis

APPR: Matthieu Huguet

2023-11-30

2024-04-19

2024-04-19

FIRST ANGLE PROJECTION

A1-SIZE

SERIES

215958

DRAWING

SEE SHEET 3

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 4

DOCUMENT NUMBER

2159580300-SD

DOC TYPE

PSD

DOC PART

000

REVISION

A1

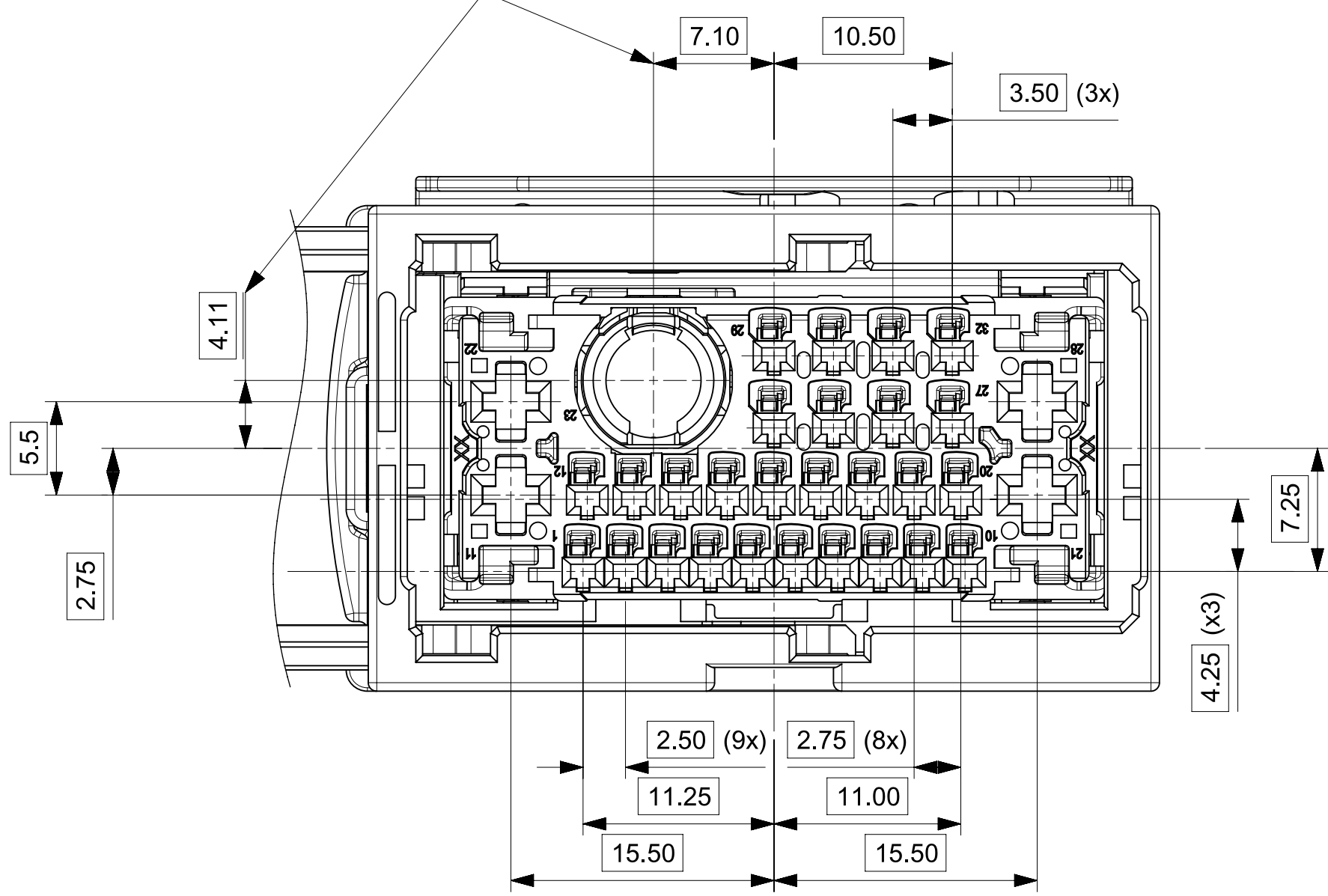
PRODUCT SALES DRAWING

MX-DaSH\_32CKT ASSY RCPT HSG

molex

## CAVITIES LOCATION

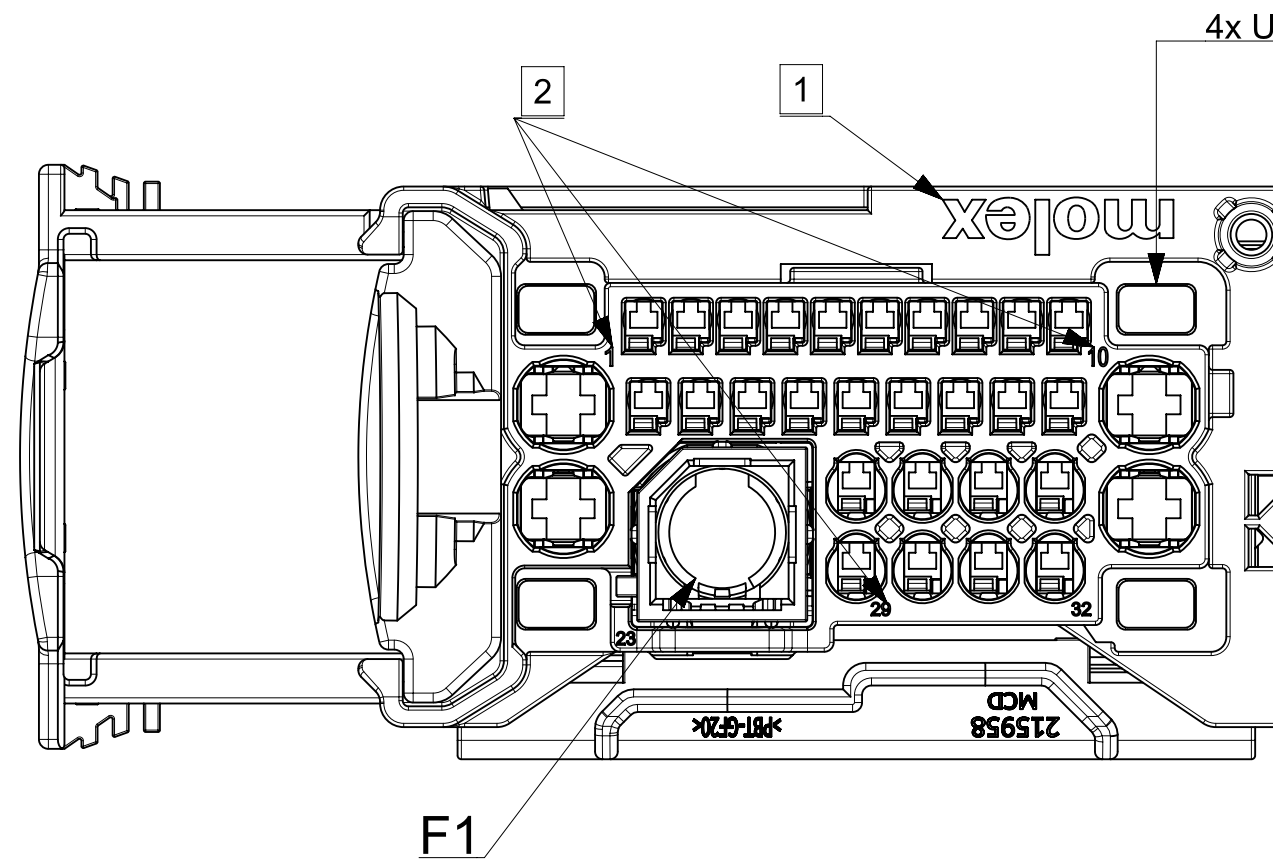
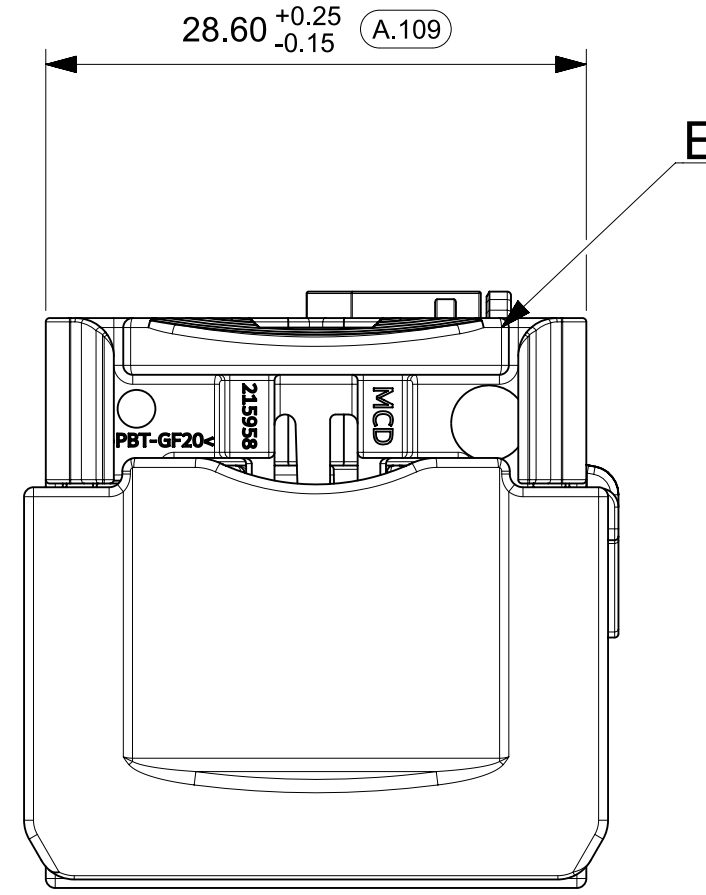
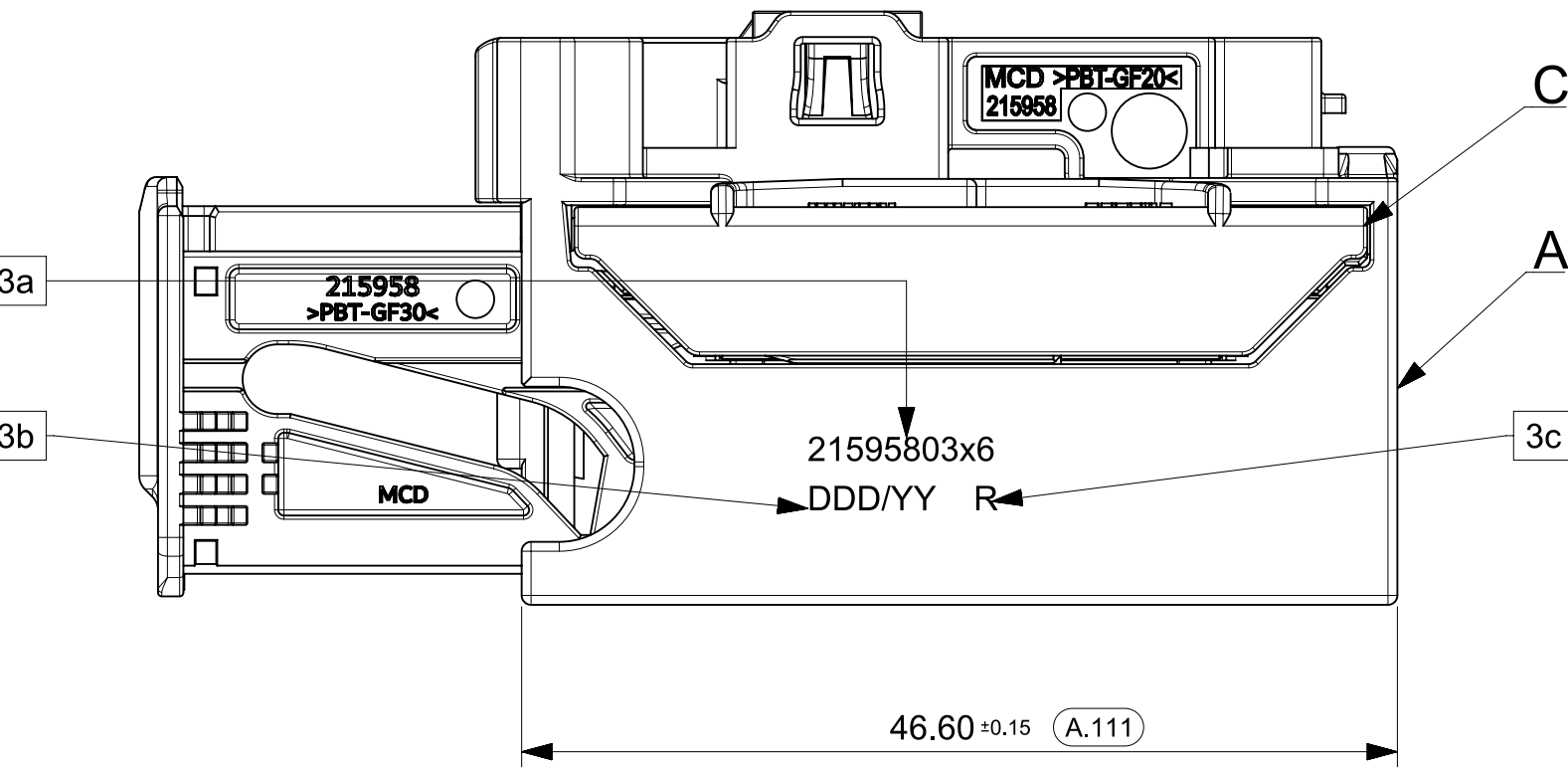
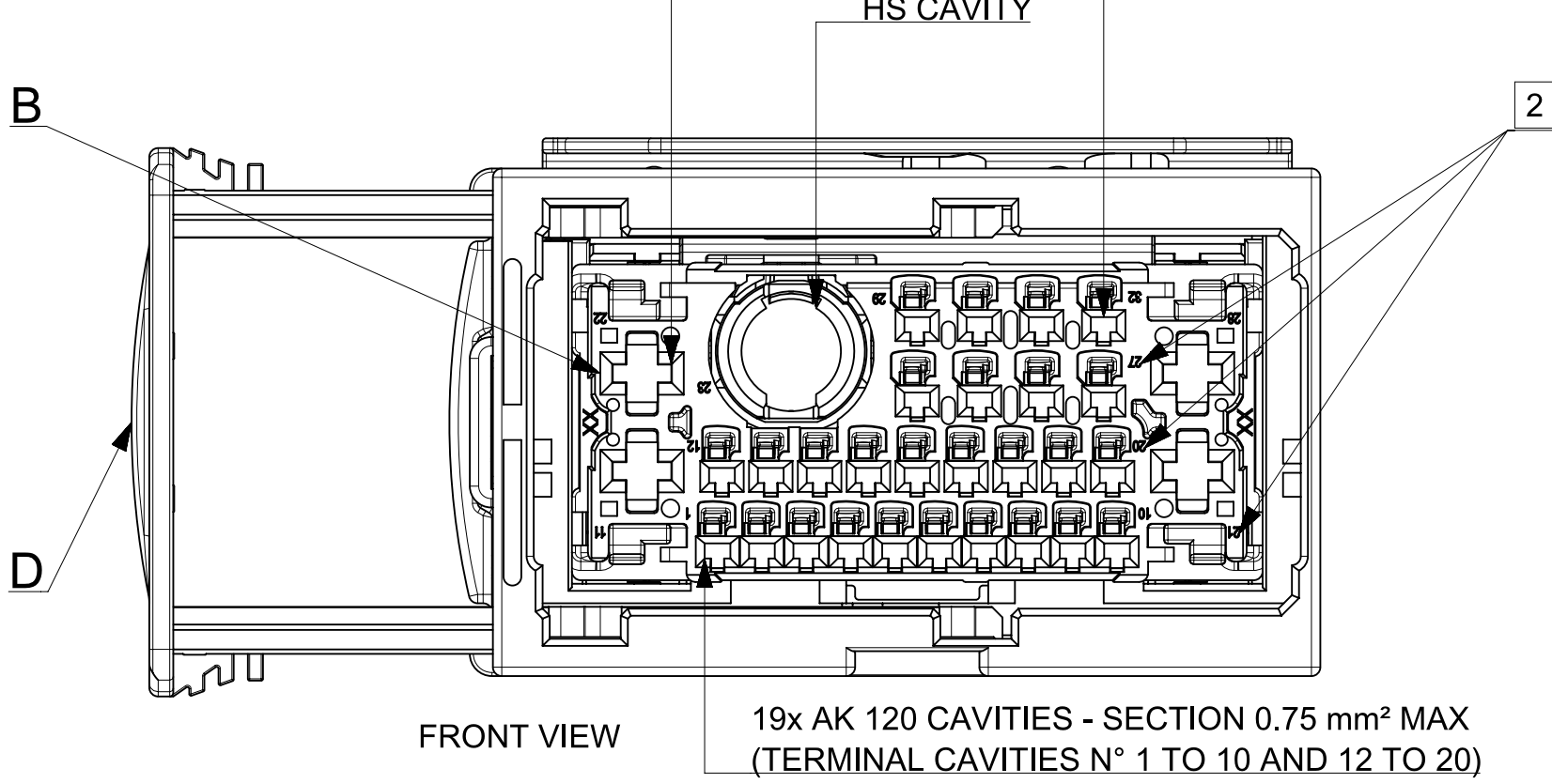
THESE DIMENSIONS ARE APPLICABLE  
TO THE 3 DIFFERENT VERSIONS:  
HSD, Mini Coax AND MGE



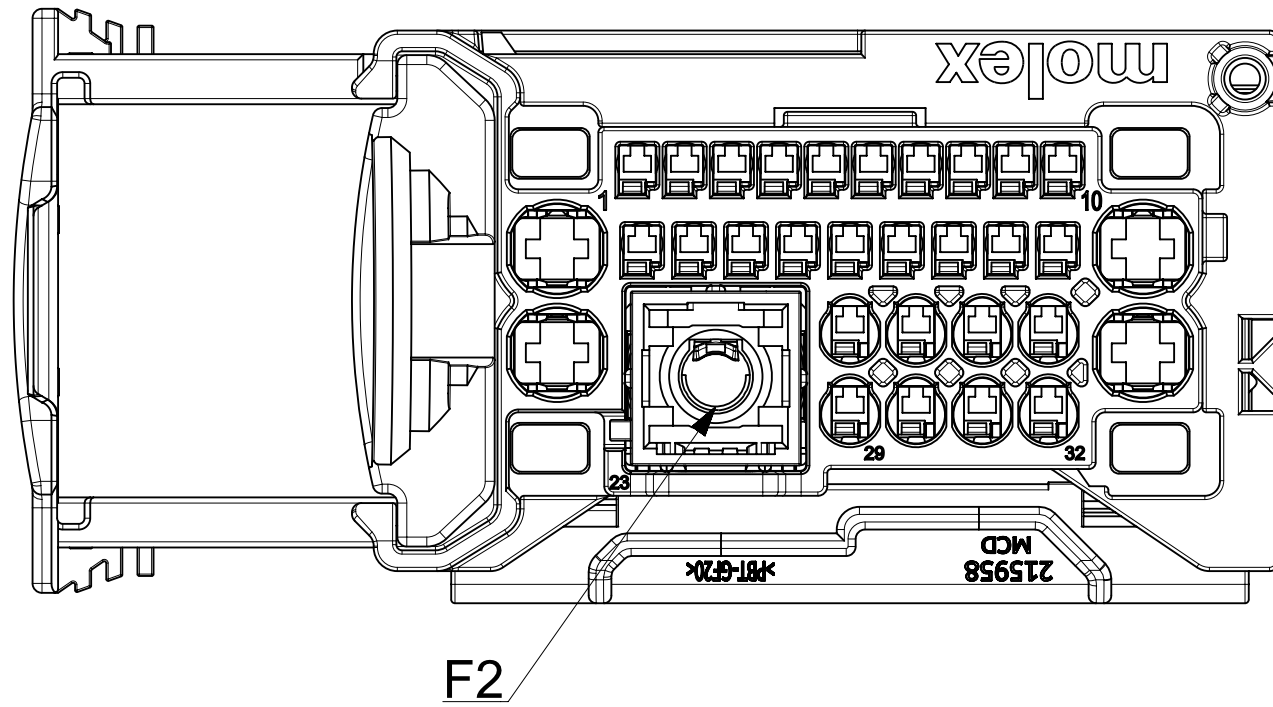
## PRODUCT DEFINITION

4x MCON 280 CAVITIES  
(TERMINAL CAVITIES 11, 21, 22 AND 28)

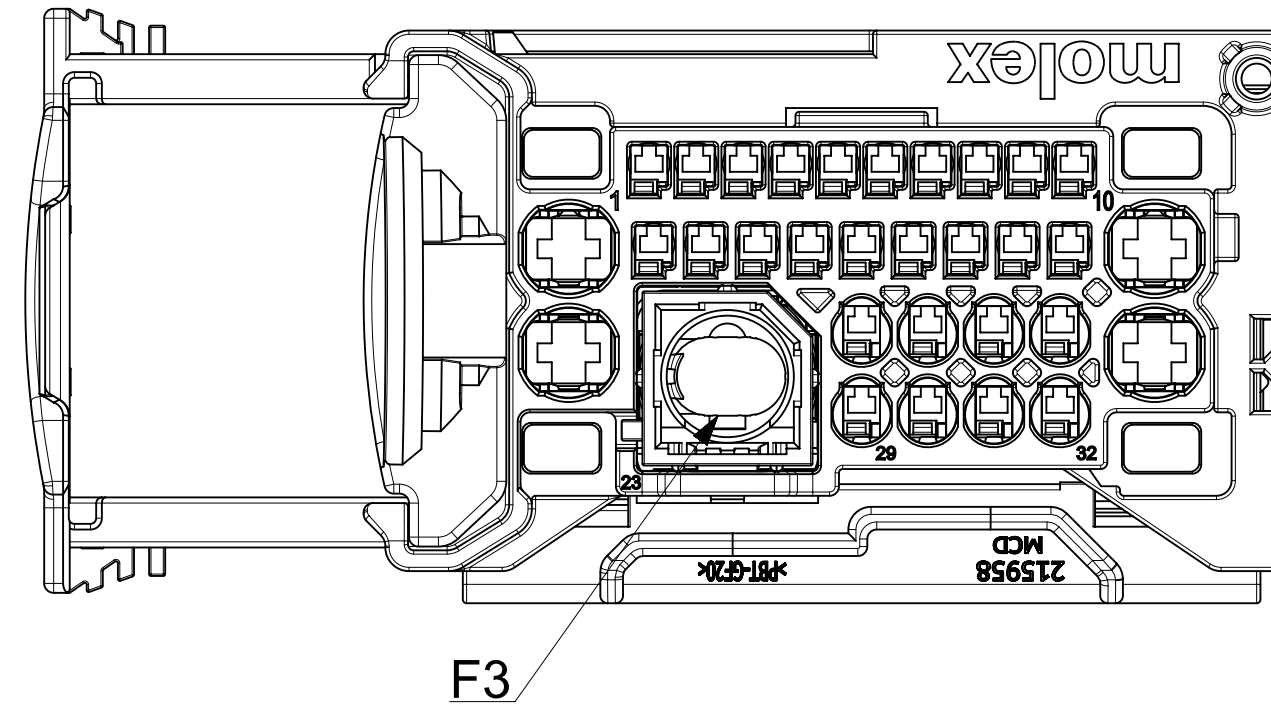
8x AK 120 CAVITIES - SECTION 1.5 mm² MAX  
(TERMINAL CAVITIES 24 TO 27 AND 29 TO 32)



HSD MODULE



Mini Coax MODULE



MGE MODULE

### COMPONENTS

| POS. | QTY | DESCRIPTION                | MATERIAL | COLOR                                                      |
|------|-----|----------------------------|----------|------------------------------------------------------------|
| A    | 1   | 32CKT HYB HS RCPT CONN HSG | PBT-GF20 | FOLLOWING KEYING                                           |
| B    | 1   | 32CKT HYB HS RCPT TERM HSG | PBT-GF20 | BLACK                                                      |
| C    | 1   | 32CKT HYB HS RCPT ISL      | PBT-GF20 | BLACK FOR KEYING H<br>NATURAL - WHITE FOR REMAINING KEYING |
| D    | 1   | 32CKT HYB HS SLIDER        | PBT-GF30 | BLACK                                                      |
| E    | 1   | 32CKT HYB HS CPA           | PBT-GF20 | RED                                                        |
| F1   |     | HSD JACK MODULE            | PBT-GF20 | BLACK                                                      |
| F2   | 1   | Mini Coax JACK MODULE      | PBT-GF20 | BLACK                                                      |
| F3   |     | MGE JACK MODULE            | PBT-GF20 | BLACK                                                      |

### ASSOCIATED PARTS

| DESCRIPTION                            | SECTION (mm²) | SUPPLIER P/N | PLATING |
|----------------------------------------|---------------|--------------|---------|
| OCS 120 FEMALE TERMINAL APTIV (DELPHI) | 0.13 - 0.22   | 33265283     | TIN     |
|                                        | 0.35 - 0.50   | 33265287     |         |
|                                        | 0.75 - 1.00   | 33265290     |         |
|                                        | 1.50          | 33265291     |         |
| MCON 1.2 FEMALE TERMINAL CB TE         | 0.35          | 1534594-1    | -       |
|                                        | 0.5 - 0.75    | 1670144-1    |         |
|                                        | 1.00 - 1.50   | 1452503-1    |         |
|                                        | 0.35 - 0.50   | 1-968880-1   |         |
| MCP 280 FEMALE TERMINAL TE             | 0.75 - 1.00   | 1-968849-1   | -       |
|                                        | 1.50 - 2.50   | 1-968851-1   |         |
|                                        | 3.00 - 4.00   | 1-968853-1   |         |
|                                        | 0.35 - 0.50   | 1-968880-1   |         |
| HSD JACK TERMINAL ROSENBERGER          | DACAR 535     | D4K10A-1D5A5 | -       |
| Mini Coax JACK TERMINAL ROSENBERGER    | RTK 031       | AMK18A-1M4Z5 | -       |
|                                        | RG 174        | AMK18A-102Z5 | -       |
| MGE JACK TERMINAL                      | GG160687      | E6K10A-1CAZ5 | -       |

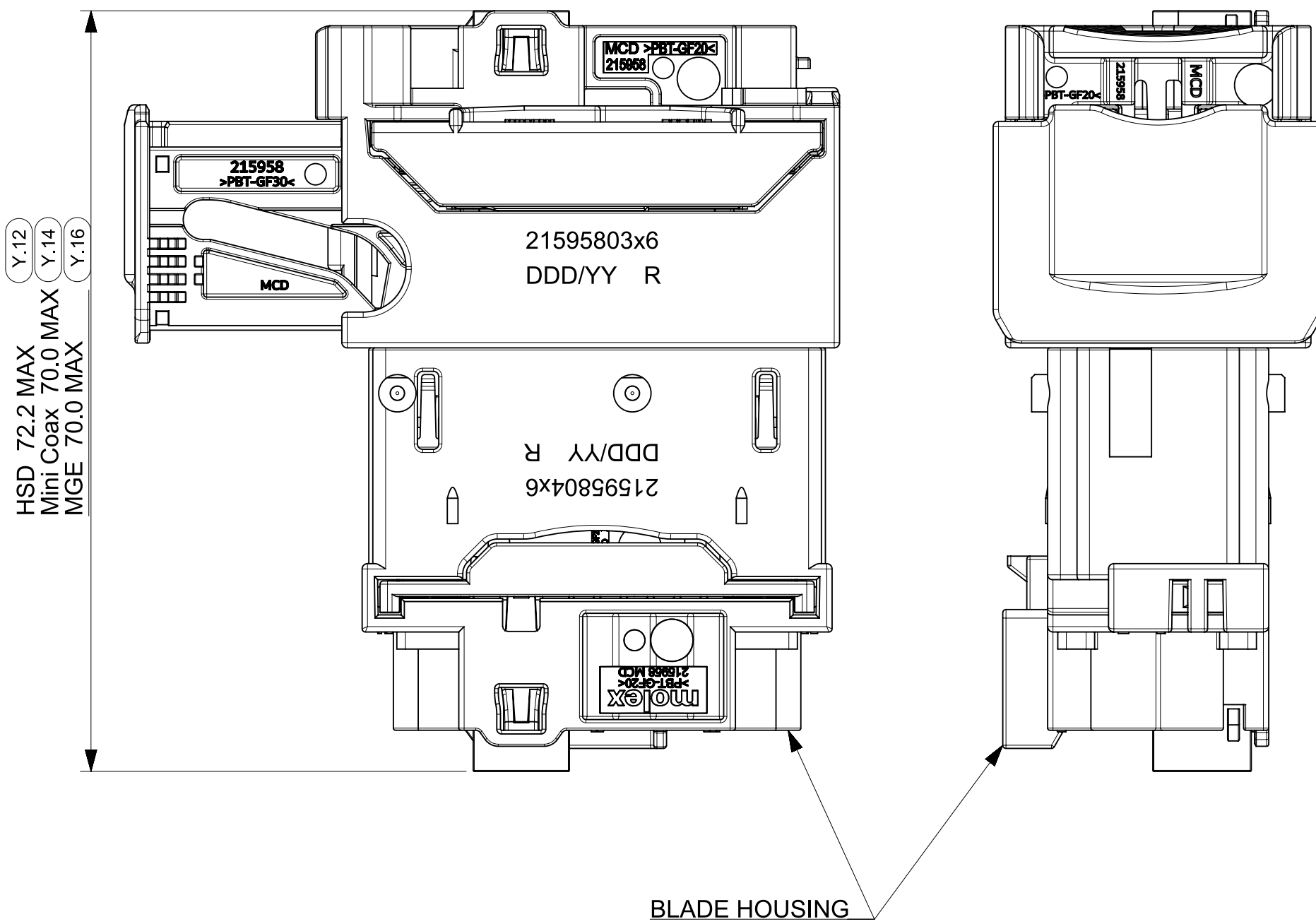
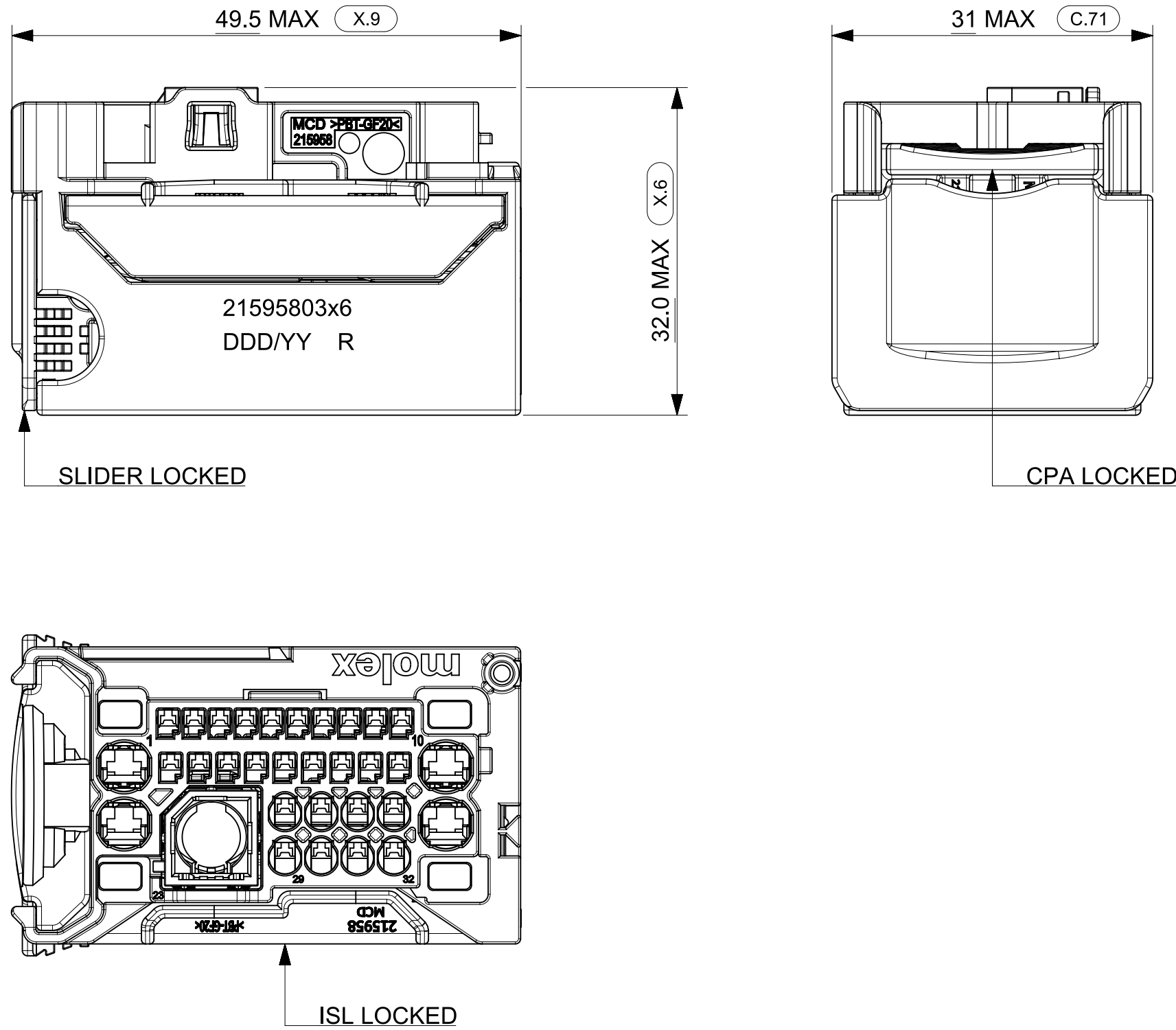
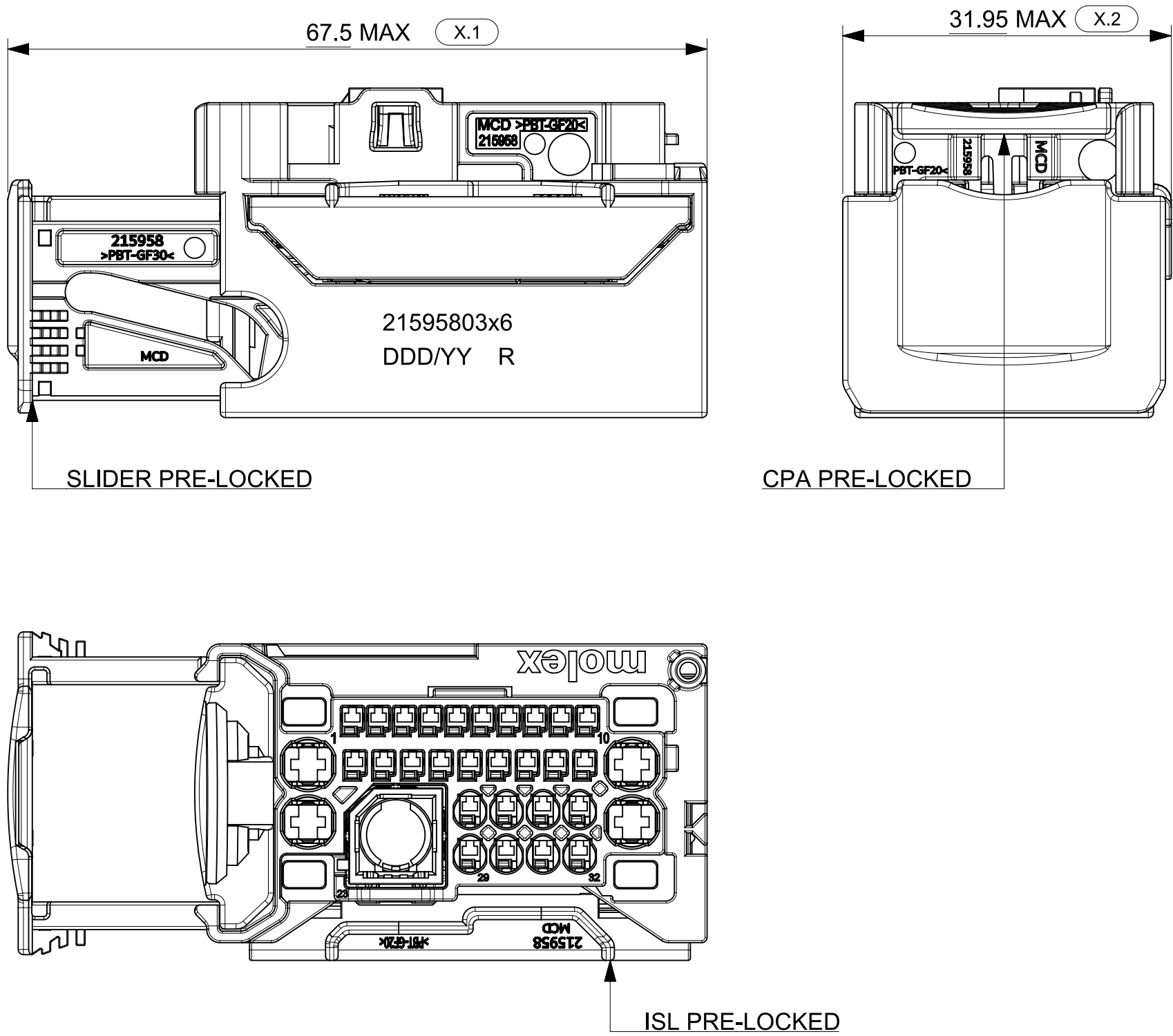
### MARKINGS

- TRADE MARK
  - CAVITY ID
  - ASSY RECEPTACLE HOUSING LASER MARKING
- 3a PART NUMBER
- 3b DAY / YEAR
- 3c PART ASSEMBLY REVISION

|                                                                                                                                               |  |           |  |                                                                                            |  |                        |  |                |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-----------|--|--------------------------------------------------------------------------------------------|--|------------------------|--|----------------|--|
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| DIMENSION UNITS                                                                                                                               |  | SCALE     |  | CURRENT REV DESC: SEE REVISION TABLE                                                       |  |                        |  |                |  |
| mm                                                                                                                                            |  | 2.5:1     |  | <div>molex</div> <div>MX-DaSH_32CKT ASSY RCPT HSG</div> <div>PRODUCT SALES DRAWING</div>   |  |                        |  |                |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |           |  |                                                                                            |  |                        |  |                |  |
| ANGULAR TOL ± 0.5°                                                                                                                            |  |           |  |                                                                                            |  |                        |  |                |  |
| 4 PLACES                                                                                                                                      |  | ± 0.01000 |  |                                                                                            |  |                        |  |                |  |
| 3 PLACES                                                                                                                                      |  | ± 0.0300  |  |                                                                                            |  |                        |  |                |  |
| 2 PLACES                                                                                                                                      |  | ± 0.050   |  | STATUS: Production<br>DRWN: Valerie Jous<br>CHK'D: OlivierPlessis<br>APPR: Matthieu Huguet |  | 2023-11-30             |  | 2023-11-30     |  |
| 1 PLACE                                                                                                                                       |  | ± 0.10    |  |                                                                                            |  | 2024-04-19             |  | 2024-04-19     |  |
| 0 PLACES                                                                                                                                      |  | ± 0.15    |  |                                                                                            |  | 2024-04-19             |  | 2024-04-19     |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |           |  |                                                                                            |  | FIRST ANGLE PROJECTION |  | DRAWING        |  |
|                                                          |  |           |  |       |  | A1-SIZE                |  | 215958         |  |
|                                                                                                                                               |  |           |  |                                                                                            |  | MATERIAL NUMBER        |  | CUSTOMER       |  |
|                                                                                                                                               |  |           |  |                                                                                            |  | SEE TABLE              |  | GENERAL MARKET |  |
|                                                                                                                                               |  |           |  |                                                                                            |  |                        |  | SHEET NUMBER   |  |
|                                                                                                                                               |  |           |  |                                                                                            |  |                        |  | 3 OF 4         |  |

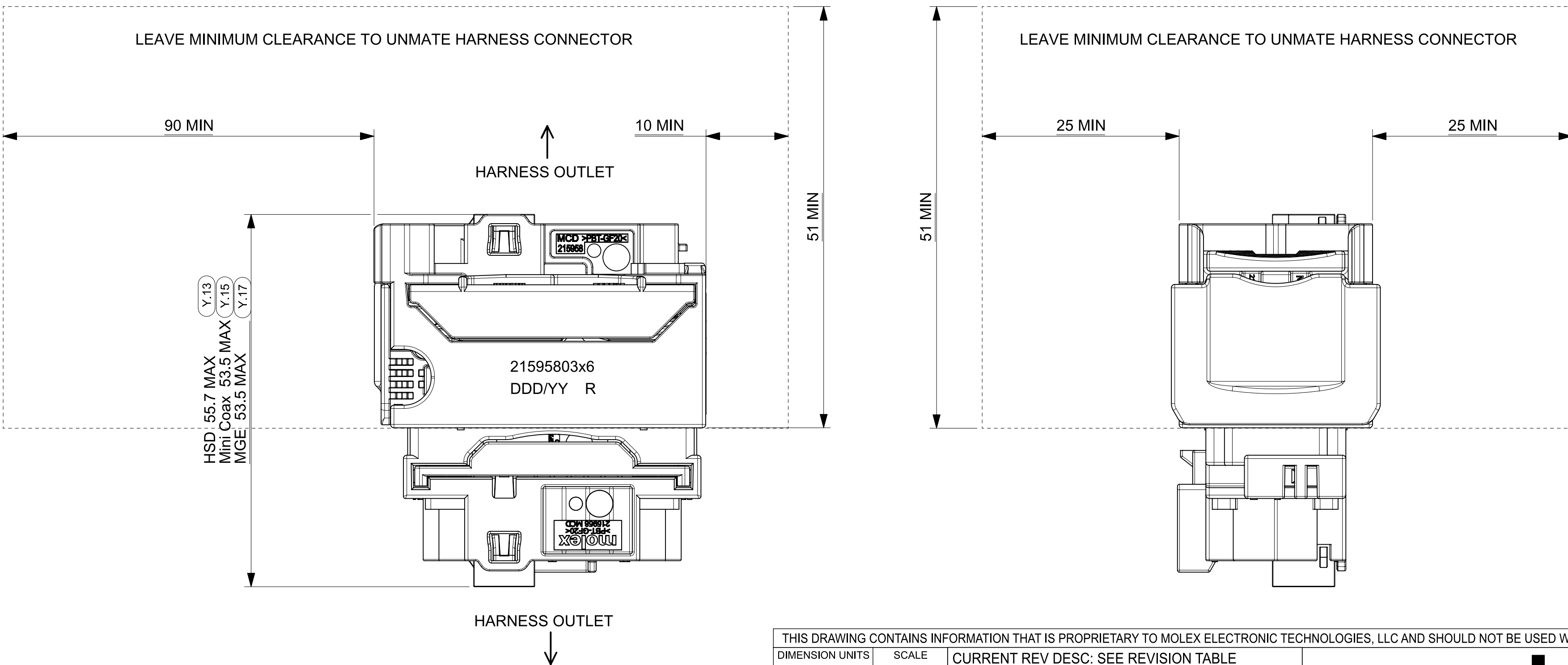
OVERALL RECEPTACLE HOUSING DIMENSIONS  
DELIVERY POSITION

OVERALL RECEPTACLE HOUSING DIMENSIONS  
- ISL LOCKED / SLIDER LOCKED / CPA LOCKED -



BEFORE MATING POSITION

OVERALL RECEPTACLE HOUSING ON BLADE HOUSING DIMENSIONS



FULLY MATED POSITION

|                                                                                                                                               |  |                                                                                             |          |                                                                                                                                                                                                                                                                                        |  |                 |  |                |  |                 |  |          |          |          |               |  |     |     |    |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--|----------------|--|-----------------|--|----------|----------|----------|---------------|--|-----|-----|----|
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| DIMENSION UNITS                                                                                                                               |  | SCALE                                                                                       |          | CURRENT REV DESC: SEE REVISION TABLE                                                                                                                                                                                                                                                   |  |                 |  |                |  |                 |  |          |          |          |               |  |     |     |    |
| mm                                                                                                                                            |  | 2:1                                                                                         |          | <div>molex</div> <div>MX-DaSH_32CKT ASSY RCPT HSG</div> <div>PRODUCT SALES DRAWING</div> <table><tr><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td colspan="2">2159580300-SD</td><td>PSD</td><td>000</td><td>A1</td></tr></table> |  |                 |  |                |  | DOCUMENT NUMBER |  | DOC TYPE | DOC PART | REVISION | 2159580300-SD |  | PSD | 000 | A1 |
| DOCUMENT NUMBER                                                                                                                               |  | DOC TYPE                                                                                    | DOC PART |                                                                                                                                                                                                                                                                                        |  |                 |  |                |  | REVISION        |  |          |          |          |               |  |     |     |    |
| 2159580300-SD                                                                                                                                 |  | PSD                                                                                         | 000      |                                                                                                                                                                                                                                                                                        |  |                 |  |                |  | A1              |  |          |          |          |               |  |     |     |    |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |                                                                                             |          |                                                                                                                                                                                                                                                                                        |  |                 |  |                |  |                 |  |          |          |          |               |  |     |     |    |
| ANGULAR TOL ± 0.5°                                                                                                                            |  |                                                                                             |          |                                                                                                                                                                                                                                                                                        |  |                 |  |                |  |                 |  |          |          |          |               |  |     |     |    |
| 4 PLACES ± 0.01000                                                                                                                            |  |                                                                                             |          |                                                                                                                                                                                                                                                                                        |  |                 |  |                |  |                 |  |          |          |          |               |  |     |     |    |
| 3 PLACES ± 0.03000                                                                                                                            |  | STATUS: Production<br>DRWN: Valerie Jouas<br>CHK'D: OlivierPlessis<br>APPR: Matthieu Huguet |          | 2023-11-30<br>2024-04-19<br>2024-04-19                                                                                                                                                                                                                                                 |  |                 |  |                |  |                 |  |          |          |          |               |  |     |     |    |
| 2 PLACES ± 0.050                                                                                                                              |  |                                                                                             |          |                                                                                                                                                                                                                                                                                        |  |                 |  |                |  |                 |  |          |          |          |               |  |     |     |    |
| 1 PLACE ± 0.10                                                                                                                                |  |                                                                                             |          |                                                                                                                                                                                                                                                                                        |  |                 |  |                |  |                 |  |          |          |          |               |  |     |     |    |
| 0 PLACES ± 0.15                                                                                                                               |  |                                                                                             |          |                                                                                                                                                                                                                                                                                        |  |                 |  |                |  |                 |  |          |          |          |               |  |     |     |    |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |  |                                                                                             |          |                                                                                                                                                                                                                                                                                        |  |                 |  |                |  |                 |  |          |          |          |               |  |     |     |    |
| FIRST ANGLE PROJECTION                                                                                                                        |  | DRAWING                                                                                     |          | SERIES                                                                                                                                                                                                                                                                                 |  | MATERIAL NUMBER |  | CUSTOMER       |  | SHEET NUMBER    |  |          |          |          |               |  |     |     |    |
|                                                          |  | A1-SIZE                                                                                     |          | 215958                                                                                                                                                                                                                                                                                 |  | SEE SHEET 3     |  | GENERAL MARKET |  | 4 OF 4          |  |          |          |          |               |  |     |     |    |