























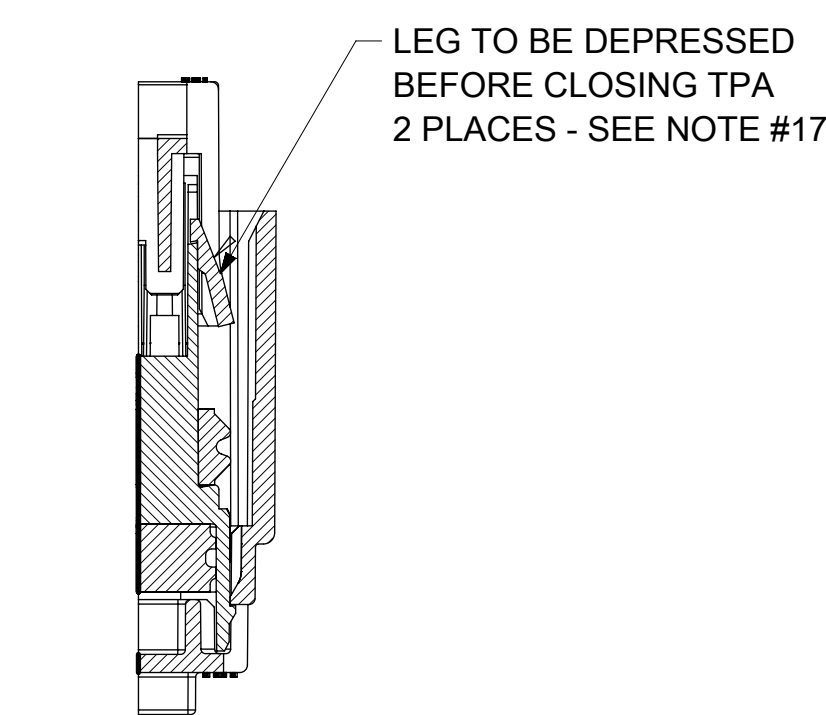




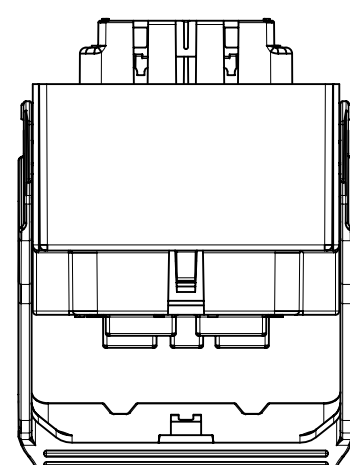
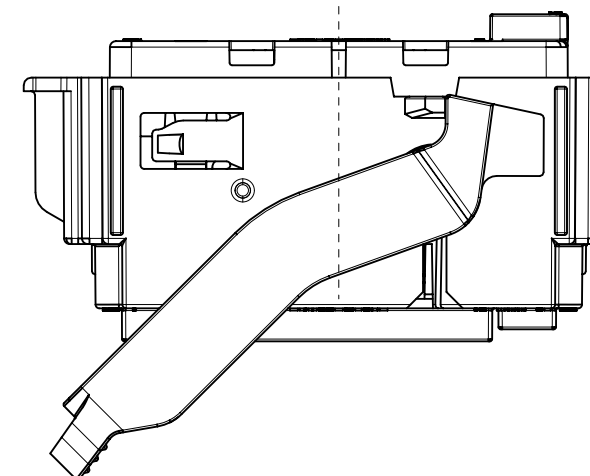
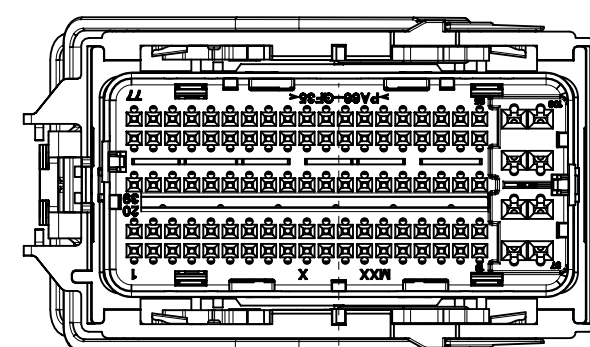
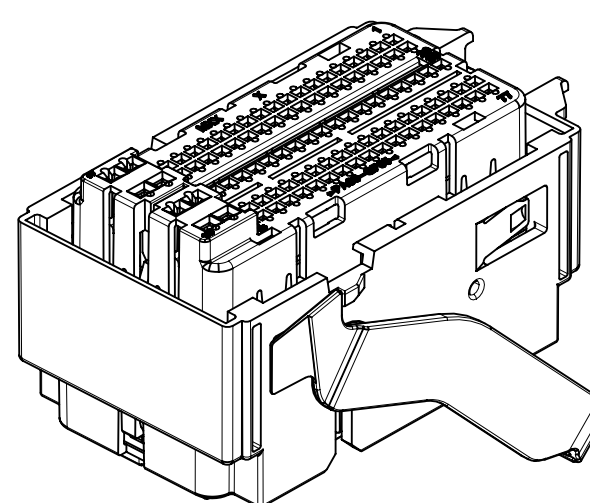
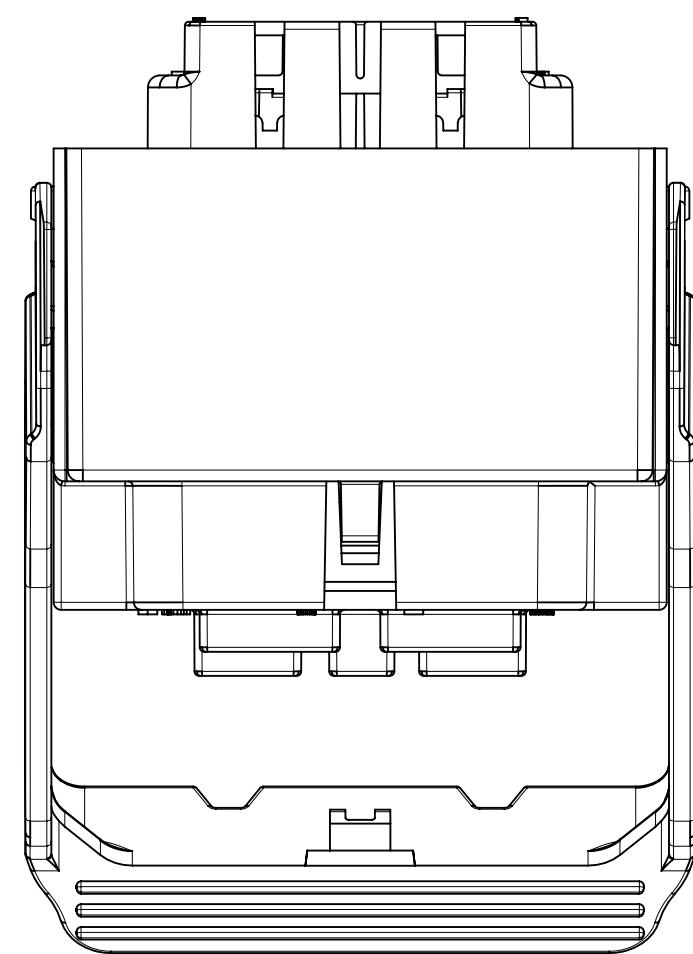




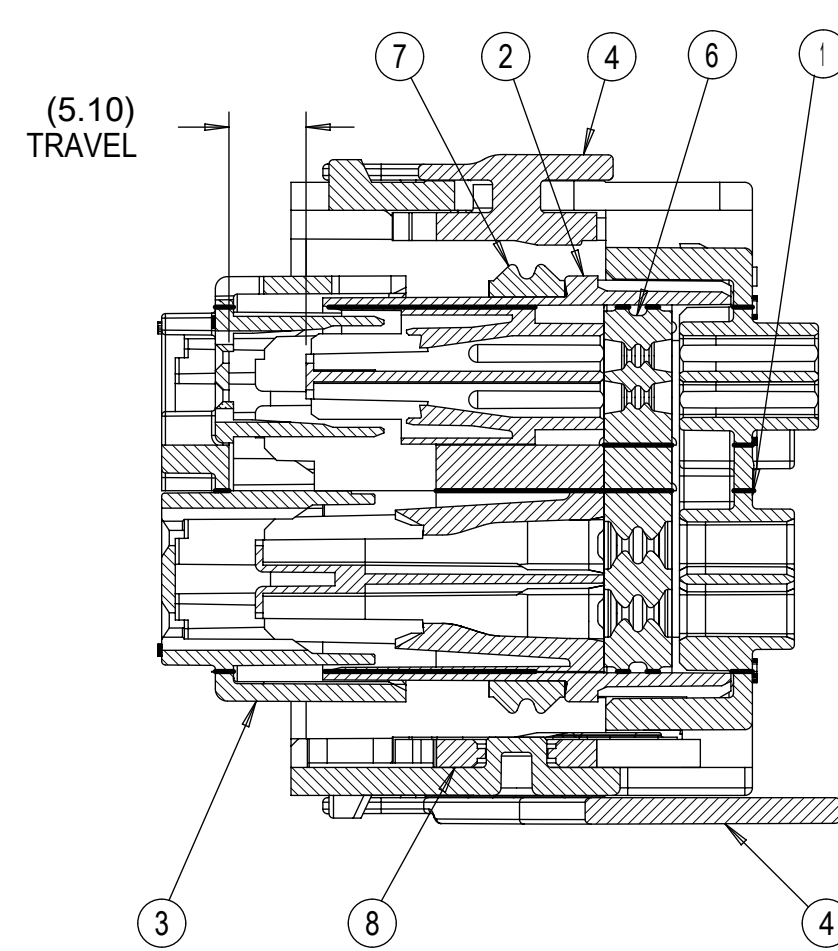
AROUND-THE-END LEVER OPTION  
P/N 34993-0001, KEY 1



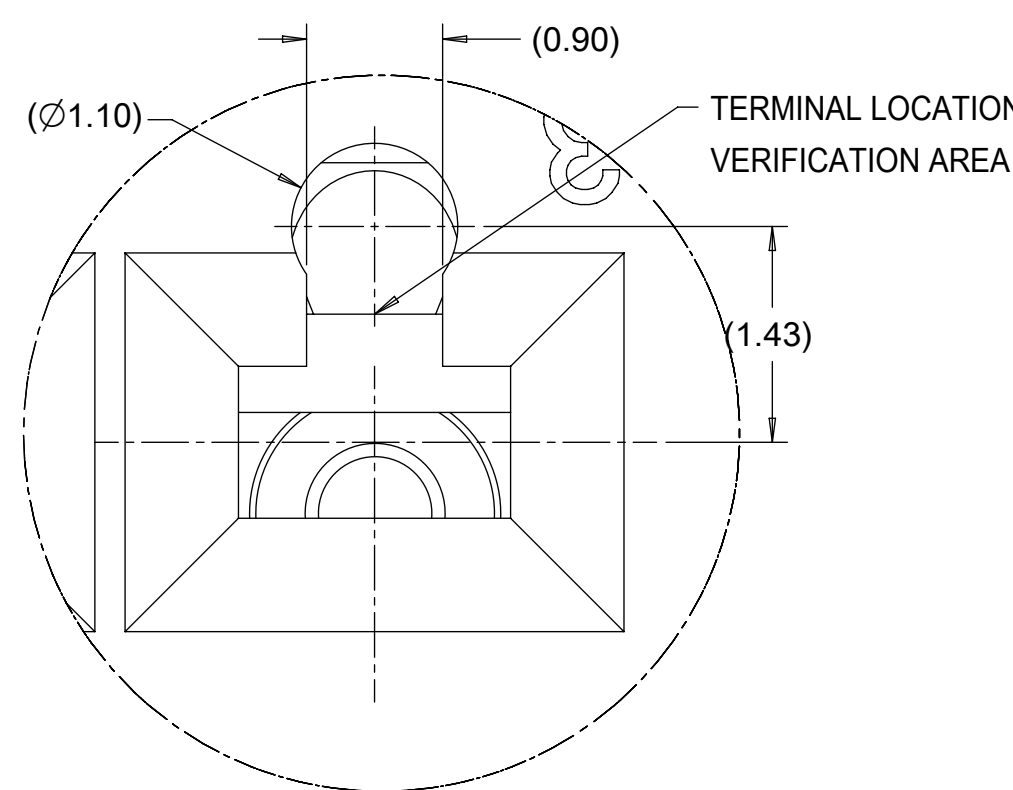
SECTION Z-Z



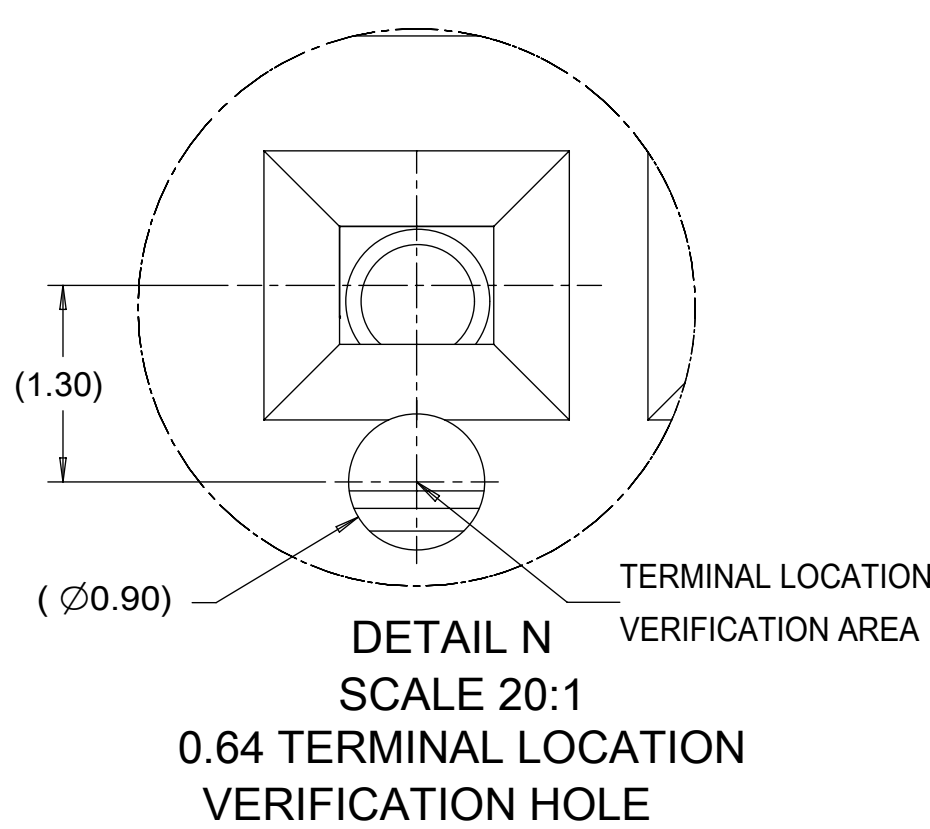
## FULL SIZE VIEWS



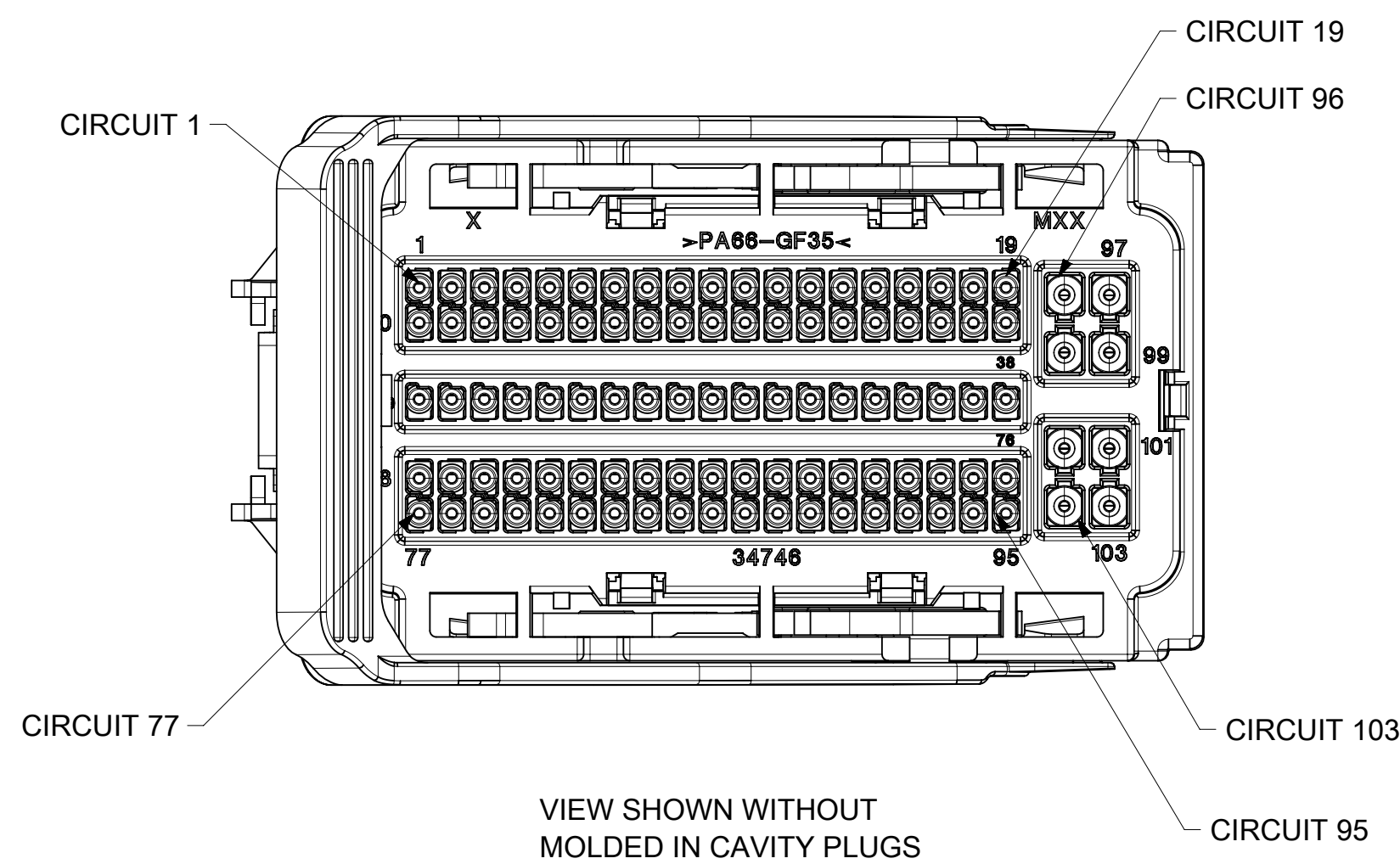
SECTION Y-Y



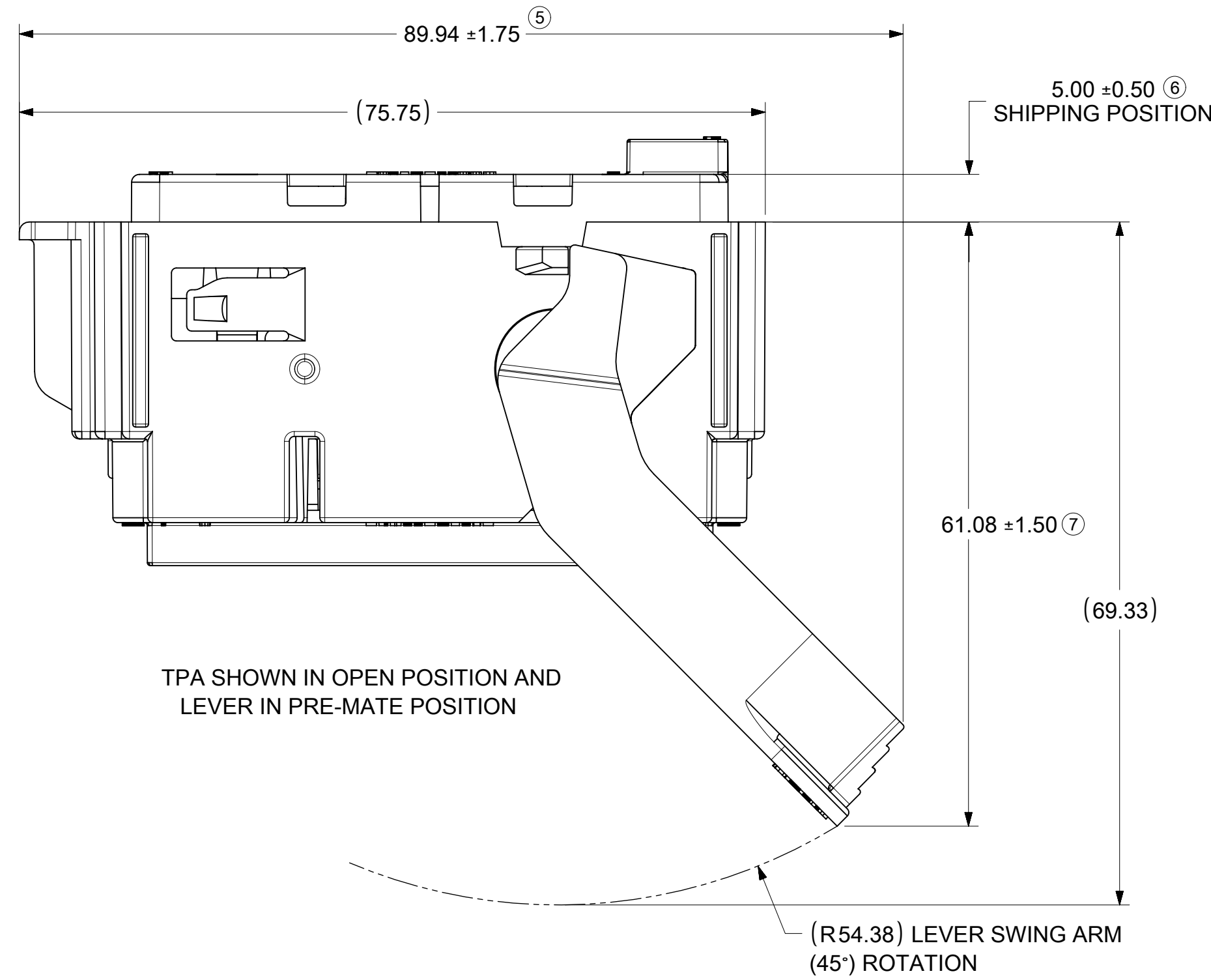
DETAIL M  
SCALE 20:1  
1.5 TERMINAL LOCATION  
VERIFICATION HOLE



SCALE 20:1

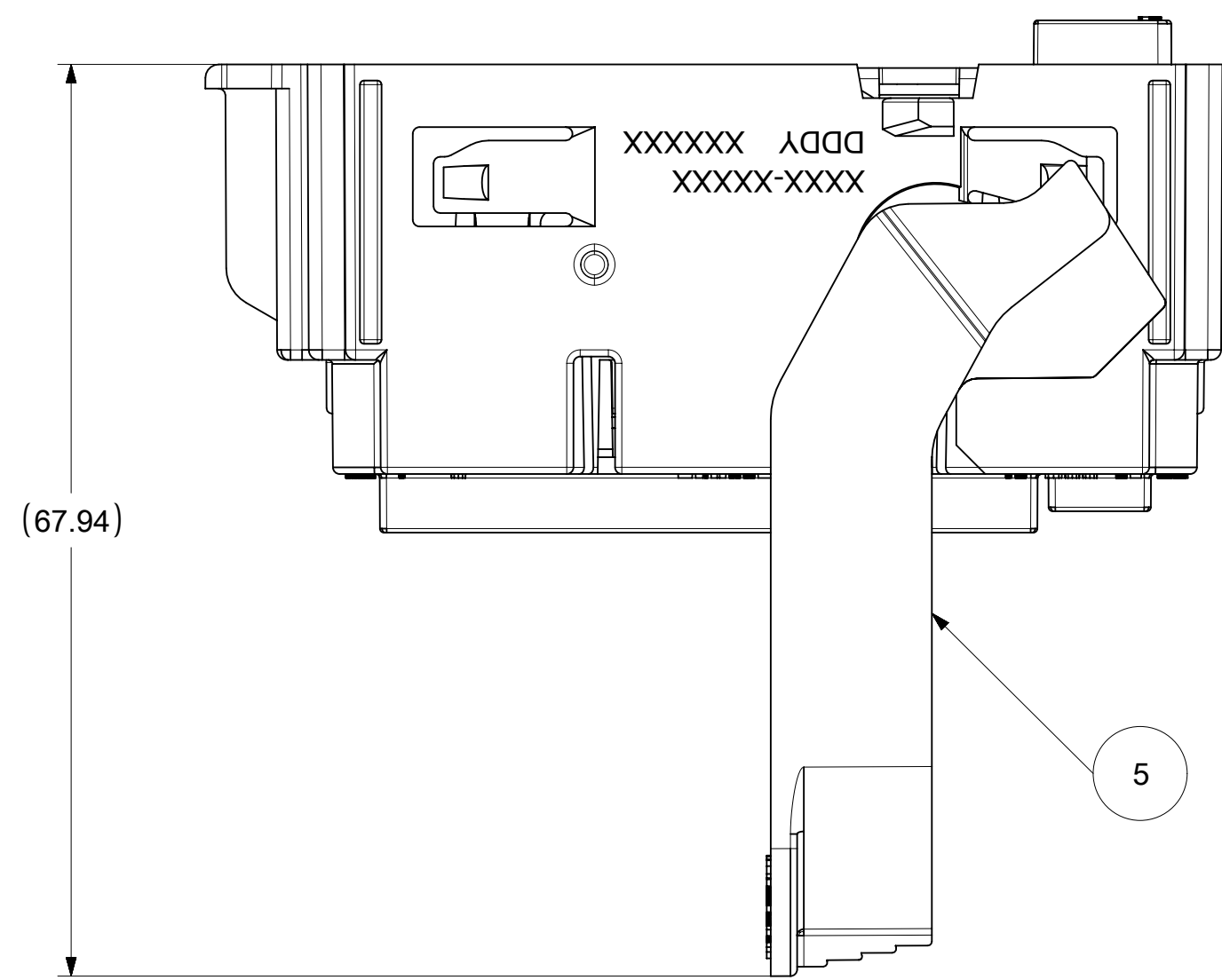


VIEW SHOWN WITHOUT  
MOLDED IN CAVITY PLUGS

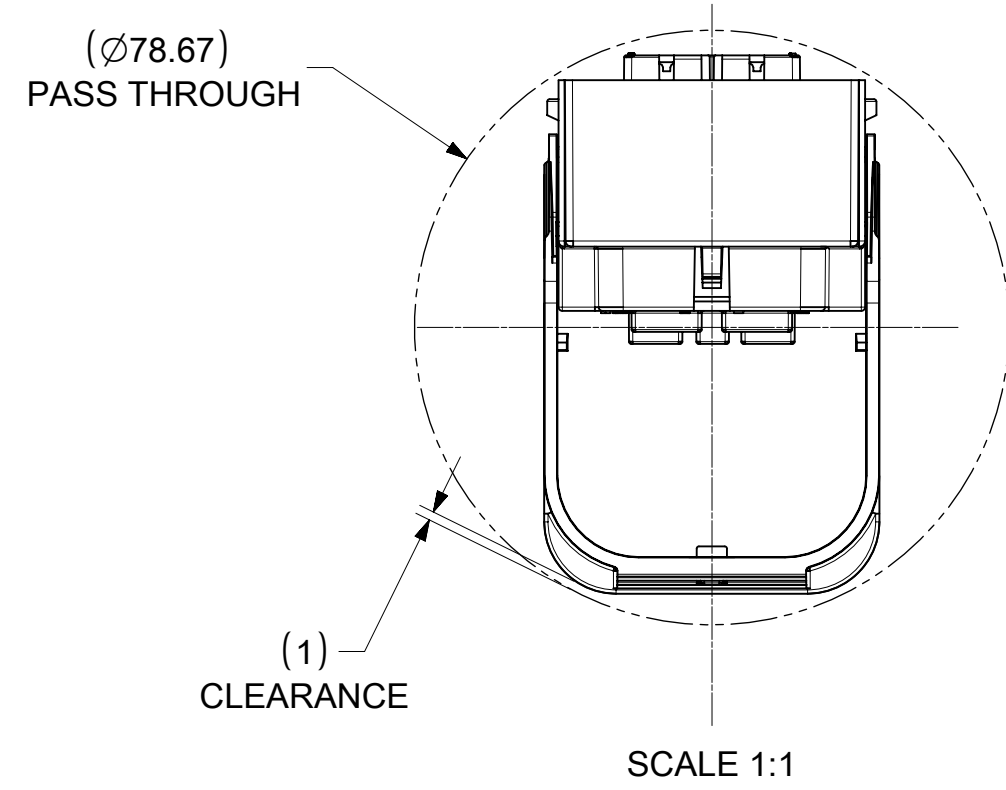


TPA SHOWN IN OPEN POSITION AND  
LEVER IN PRE-MATE POSITION

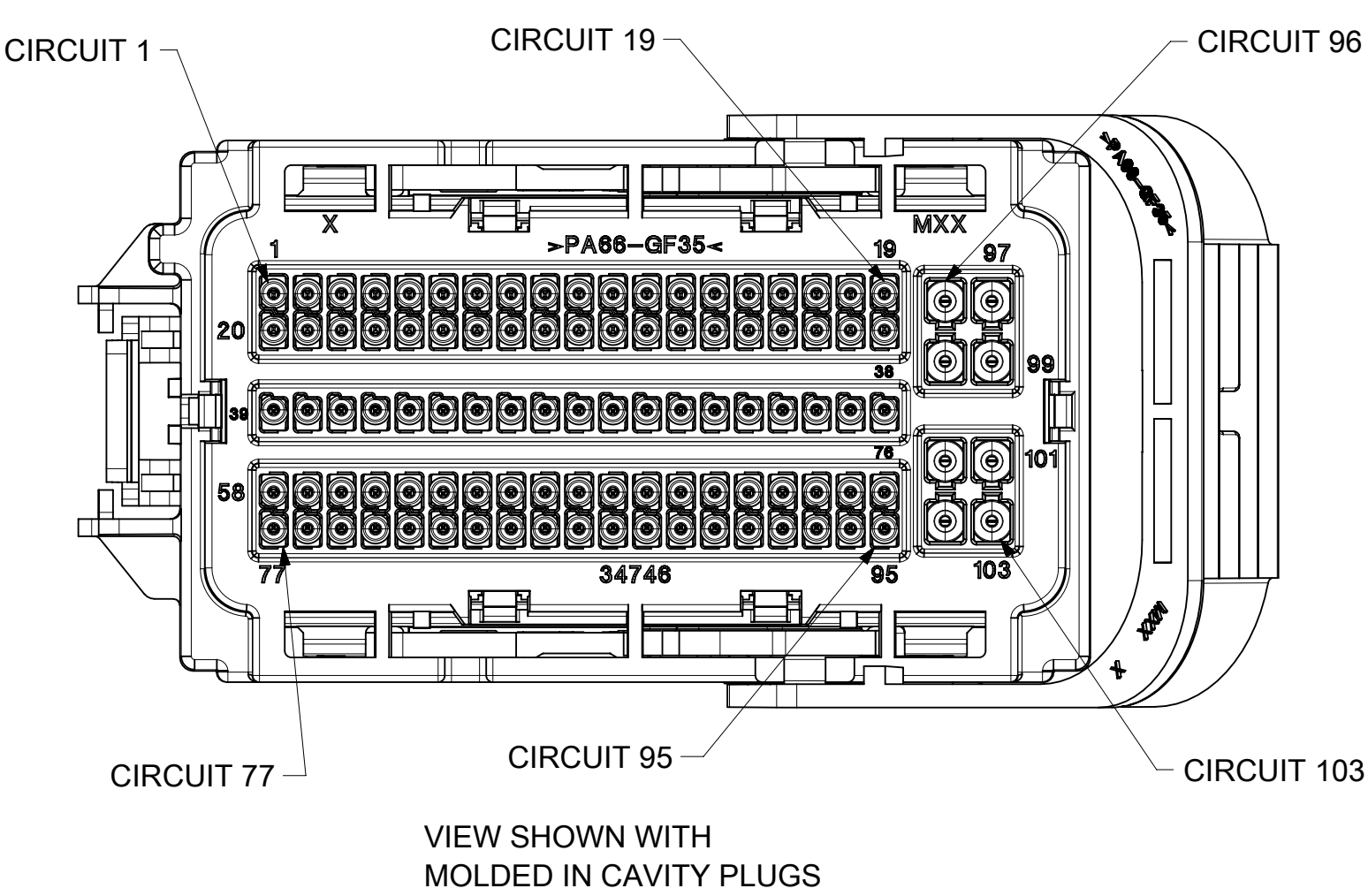
— (R54.38) LEVER SWING ARM  
(45°) ROTATION



TPA SHOWN IN CLOSED POSITION AND LEVER IN MATE POSITION  
LOCKING FEATURES TO BE DESIGNED INTO DRESS COVER FOR THIS LEVER



CLEAR

VIEW SHOWN WITH  
MOLDED IN CAVITY PLUGS

OVER-THE-TOP LEVER OPTION  
P/N 34993-1001, KEY 1

| 8                |           |           | 7         |           |           | 6         |           |           | 5         |                           |                             | 4                    |                                           |         | 3                 |                   |  | 2 |  |  | 1 |  |  |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------------|-----------------------------|----------------------|-------------------------------------------|---------|-------------------|-------------------|--|---|--|--|---|--|--|
| BILL OF MATERIAL |           |           |           |           |           |           |           |           |           |                           |                             |                      |                                           |         |                   |                   |  |   |  |  |   |  |  |
| QTY.             |           |           |           |           |           |           |           |           |           |                           | ITEMS                       | MOLEX<br>PART NUMBER | DESCRIPTION                               | COLOR   | RECYCLING<br>CODE | WEIGHT<br>(GRAMS) |  |   |  |  |   |  |  |
|                  |           |           |           |           |           |           |           | 1         | 1         | 1                         | 1                           | 347460501            | OUTER SHROUD HOUSING<br>KEYING OPTION "1" | BLACK   | >PA66-GF35<       | 26.84g            |  |   |  |  |   |  |  |
|                  |           |           |           |           |           | 1         | 1         |           |           |                           | 1                           | 347460502            | OUTER SHROUD HOUSING<br>KEYING OPTION "2" | BLACK   | >PA66-GF35<       | 26.84g            |  |   |  |  |   |  |  |
|                  |           |           |           | 1         | 1         |           |           |           |           |                           | 1                           | 347460503            | OUTER SHROUD HOUSING<br>KEYING OPTION "3" | BLACK   | >PA66-GF35<       | 26.84g            |  |   |  |  |   |  |  |
|                  |           |           | 1         | 1         |           |           |           |           |           |                           | 1                           | 347460504            | OUTER SHROUD HOUSING<br>KEYING OPTION "4" | BLACK   | >PA66-GF35<       | 26.84g            |  |   |  |  |   |  |  |
| 1                | 1         |           |           |           |           |           |           |           |           |                           | 1                           | 347460505            | OUTER SHROUD HOUSING<br>KEYING OPTION "5" | BLACK   | >PA66-GF35<       | 26.84g            |  |   |  |  |   |  |  |
| 1                | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1                         | 2                           | 347460300            | CAVITY SECTION<br>HOUSING                 | BLACK   | >PA66-GF35<       | 19.71g            |  |   |  |  |   |  |  |
| 1                | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1                         | 3                           | 349930401            | TPA                                       | NATURAL | >PA66-GF35<       | 7.50g             |  |   |  |  |   |  |  |
|                  |           |           |           | 1         |           | 1         |           |           |           | 1                         | 4                           | 347450801            | MATE ASSIST LEVER<br>END LATCH            | GRAY    | >PA66-GF35<       | 6.54g             |  |   |  |  |   |  |  |
| 1                |           |           | 1         |           | 1         |           | 1         |           |           | 1                         | 5                           | 347450802            | MATE ASSIST LEVER<br>OVER-THE-TOP         | GRAY    | >PA66-GF35<       | 6.10g             |  |   |  |  |   |  |  |
| 1                | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1                         | 6                           | 347460600            | GROMMET SEAL                              | LT BLUE | NA                | 5.97g             |  |   |  |  |   |  |  |
| 1                | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1                         | 7                           | 347450700            | INTERFACIAL SEAL                          | GREEN   | NA                | 1.47g             |  |   |  |  |   |  |  |
| 2                | 2         | 2         | 2         | 2         | 2         | 2         | 2         | 2         | 2         | 2                         | 8                           | 347450805            | LEVER ARM                                 | GRAY    | >PA66-GF35<       | 0.55g             |  |   |  |  |   |  |  |
| 349933001        | 349938001 | 349937001 | 349936001 | 349935001 | 349934001 | 349933001 | 349932001 | 349931001 | 349930001 | MOLEX ASSY<br>PART NUMBER | ALL CAVITY<br>PLUGS REMOVED |                      |                                           |         |                   |                   |  |   |  |  |   |  |  |

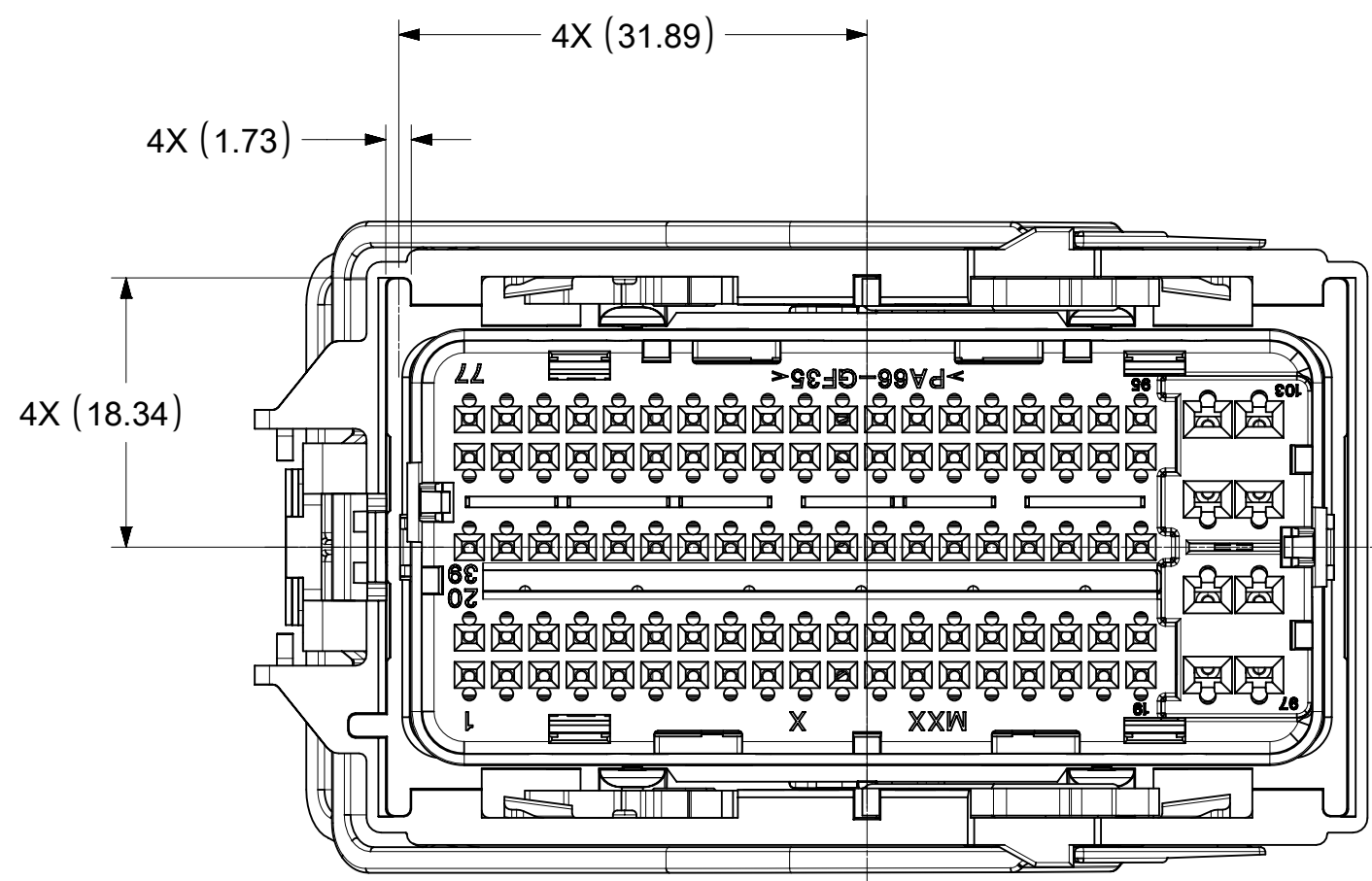
NOTES: UNLESS OTHERWISE SPECIFIED

1. PART MUST CONFORM TO USCAR/SAE-2 REV 5 DATED NOV2007.  
EXCEPTIONS: NONE
2. THE OPERATING ENVIRONMENT CRITERIA FOR THIS CONNECTOR SYSTEM IS USCAR TEMPERATURE CLASS 3,  
SEALING CLASS S3 AND VIBRATION CLASS V1.
3. ASSEMBLIES WILL ONLY PASS HIGH PRESSURE SPRAY REQUIREMENTS WITH WIRE DRESS COVER ATTACHED
4. MAXIMUM LEVER ENGAGEMENT FORCE POPULATED WITH TERMINALS IS NOT TO EXCEED 75N.
5. TERMINAL TPA/PLR IS SHIPPED TO HARNESS MANUFACTURER IN PRE-LOAD POSITION AS SHOWN.
6. ALL PLASTIC PARTS MUST HAVE MATERIAL IDENTIFICATION SYMBOLS CLEARLY MARKED,  
WHEREVER PACKAGE SIZE PERMITS.
7. ENGINEERING APPROVAL REQUIRED FOR ALL SOURCING AND TOOLING OF THIS PART.
8. FOR ENGINEERING APPROVED SOURCE SEE ENGINEERING RELEASE.
9. ENGINEERING APPROVAL OF SAMPLE FROM SUPPLIER IS REQUIRED PRIOR TO  
AUTHORIZATION OF PART PRODUCTION.
10. CHANGES IN DESIGN COMPOSITION OR PROCESSING OF THE PART PREVIOUSLY APPROVED FOR  
PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL.
11. GENERAL TOLERANCE:  
    LINEAR DIMENSION:  $\pm 0.10$   
    ANGULAR DIMENSION:  $\pm 3^\circ$
12. 0.3 MAXIMUM RADIUS PERMISSIBLE ON EDGES AND FILLETS SHOWN AS SHARP FOR  
    PLASTIC PARTS.
13. PARTS ARE TO BE FREE OF SCRATCHES, DISCOLORATION, SALT RESIDUE, OR OTHER  
    IMPERFECTIONS THAT MAY AFFECT FUNCTION OR FIT OF PART.
14. SOURCE IDENTIFICATION MARK, PRODUCTION DATE CODE, AND ASSEMBLY PART  
    NUMBER MUST BE PERMANENTLY APPLIED ON THE PART WITH 1.5MM MINIMUM LETTER  
    SIZE FROM THE BOTTOM OF THE TOP OF THE CHARACTERS AND LEGIBLE WHEREVER  
    PACKAGE SIZE PERMITS OR OTHER AGREEMENTS ARE MADE. MARKING MAY BE LOCATED  
    ON EITHER SIDE OF THE PART.
15. 25% MAXIMUM REGRIND ALLOWABLE IN MOLDED COMPONENTS.
16. SEE MOLEX APPLICATION SPEC AS-34992-001 FOR CONNECTOR SERVICE & USAGE INSTRUCTIONS.
17. OPTIONAL WIREDRESS COVERS FOR THE AROUND-THE-END LEVER OPTION  
    ARE SHIPPED SEPARATELY
18. WIREDRESS COVER FOR THE OVER-THE-TOP LEVER OPTION  
    IS SHIPPED SEPARATELY
19. OPTIONAL 0.64 LOOSE PIECE PLUG, 34676-0002, IS SHIPPED SEPARATELY
20. OPTIONAL 1.5 LOOSE PIECE PLUG, 34345-4001, IS SHIPPED SEPARATELY
21. MOLEX MX150 TERMINAL REMOVAL TOOL P/N 63813-1500
22. MOLEX 0.64 TERMINAL REMOVAL TOOL P/N 63813-3501
23. TPA/PLR MUST BE REMOVED TO SERVICE THE 0.64 TERMINALS
24. TPA SEATING TOOL P/N 346760200 / 346760201  
    SEE SHEET 2 FOR ADDITIONAL INFORMATION
25. FOR PINOUT AND DRESS COVER CONFIGURATION CHART SEE DOCUMENT: 349920002-SD

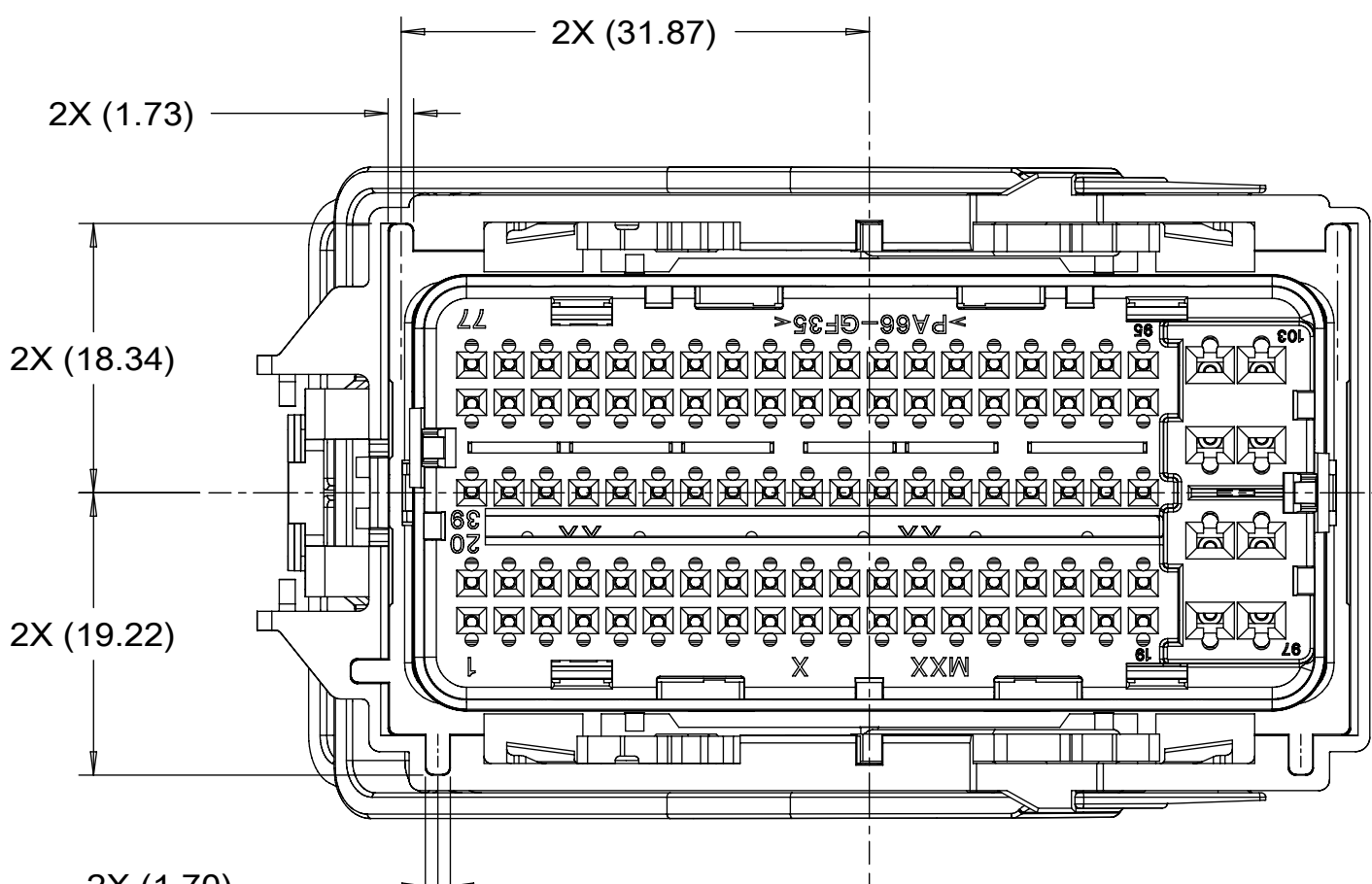
| DESCRIPTION            | NOMINAL<br>TERMINAL SIZE | COLOR/<br>PLATING | SUPPLIER<br>PART NUMBER | MATERIAL/SPECIFICATION<br>NUMBER | APPLICABLE WIRE SIZE                  |
|------------------------|--------------------------|-------------------|-------------------------|----------------------------------|---------------------------------------|
|                        |                          |                   |                         |                                  | ES-AUST-1A348-AA REV A<br>MIL 123A    |
| TERMINAL - FEMALE (Ag) | 0.64                     | SILVER            | 2077131254              | COPPER ALLOY/SILVER PLATE        | 0.35mm <sup>2</sup> (DIA 1.20 - 1.40) |
| TERMINAL - FEMALE (Ag) | 0.64                     | SILVER            | 2077131354              | COPPER ALLOY/SILVER PLATE        | 0.50mm <sup>2</sup> (DIA 1.40 - 1.70) |
|                        |                          |                   |                         |                                  | 0.75mm <sup>2</sup> (DIA 1.70 - 1.90) |
| TERMINAL - FEMALE (Sn) | 1.50                     | TIN               | 330122003               | COPPER ALLOY/TIN PLATE           | 22AWG(DIA 1.50 - 1.65)                |
| TERMINAL - FEMALE (Sn) | 1.50                     | TIN               | 330122004               | COPPER ALLOY/TIN PLATE           | 0.35mm <sup>2</sup> (DIA 1.20 - 1.40) |
| TERMINAL - FEMALE (Sn) | 1.50                     | TIN               | 330122002               | COPPER ALLOY/TIN PLATE           | 0.50mm <sup>2</sup> (DIA 1.40 - 1.70) |
|                        |                          |                   |                         |                                  | 20AWG (DIA 1.70 - 1.85)               |
|                        |                          |                   |                         |                                  | 0.75mm <sup>2</sup> (DIA 1.70 - 1.90) |
|                        |                          |                   |                         |                                  | 18AWG (DIA 1.91 - 2.06)               |
| TERMINAL - FEMALE (Sn) | 1.50                     | TIN               | 330122001               | COPPER ALLOY/TIN PLATE           | 0.80mm <sup>2</sup>                   |
|                        |                          |                   |                         |                                  | 16AWG (DIA 2.18 - 2.34)               |
|                        |                          |                   |                         |                                  | 1.50mm <sup>2</sup> (DIA 2.20 - 2.40) |
|                        |                          |                   |                         |                                  | -----                                 |

|                                          |                                                                                                                                               |                                                                                                     |  |                                             |  |                                           |  |                            |                 |                        |  |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--|---------------------------------------------|--|-------------------------------------------|--|----------------------------|-----------------|------------------------|--|
| 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: NOTE AND TABLE<br>UPDATED |  |                                           |  | <div>molex</div>           |                 |                        |  |
| mm                                       |                                                                                                                                               | 2:1                                                                                                 |  |                                             |  |                                           |  |                            |                 |                        |  |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |                                                                                                                                               | EC NO: 677806<br>DRWN: NBOHIDAR 2021/09/15<br>CHK'D: BDICK01 2021/09/28<br>APPR: BDICK01 2021/09/28 |  |                                             |  | GPEC IV CONNECTOR ASSEMBLY<br>103 CIRCUIT |  |                            |                 |                        |  |
| ANGULAR TOL ±                            |                                                                                                                                               |                                                                                                     |  |                                             |  |                                           |  |                            |                 |                        |  |
| 4 PLACES ±                               |                                                                                                                                               | INITIAL REVISION:<br>DRWN: NBOHIDAR 2018/09/01<br>APPR: APROFFITT 2018/09/07                        |  |                                             |  | DOCUMENT NUMBER<br>349930001-SD           |  | DOC TYPE<br>PSD            | DOC PART<br>000 | REVISION<br>A8         |  |
| 3 PLACES ±                               |                                                                                                                                               |                                                                                                     |  |                                             |  |                                           |  |                            |                 |                        |  |
| 2 PLACES ±                               |                                                                                                                                               | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS                                             |  |                                             |  | MATERIAL NUMBER<br>CHARTED                |  | CUSTOMER<br>GENERAL MARKET |                 | SHEET NUMBER<br>1 OF 3 |  |
| 1 PLACE ±                                |                                                                                                                                               |                                                                                                     |  |                                             |  |                                           |  |                            |                 |                        |  |
| 0 PLACES ±                               |                                                                                                                                               | THIRD ANGLE PROJECTION                                                                              |  | DRAWING                                     |  | SERIES                                    |  |                            |                 |                        |  |
|                                          |                                                                                                                                               |                                                                                                     |  | E-SIZE                                      |  | 34993                                     |  |                            |                 |                        |  |

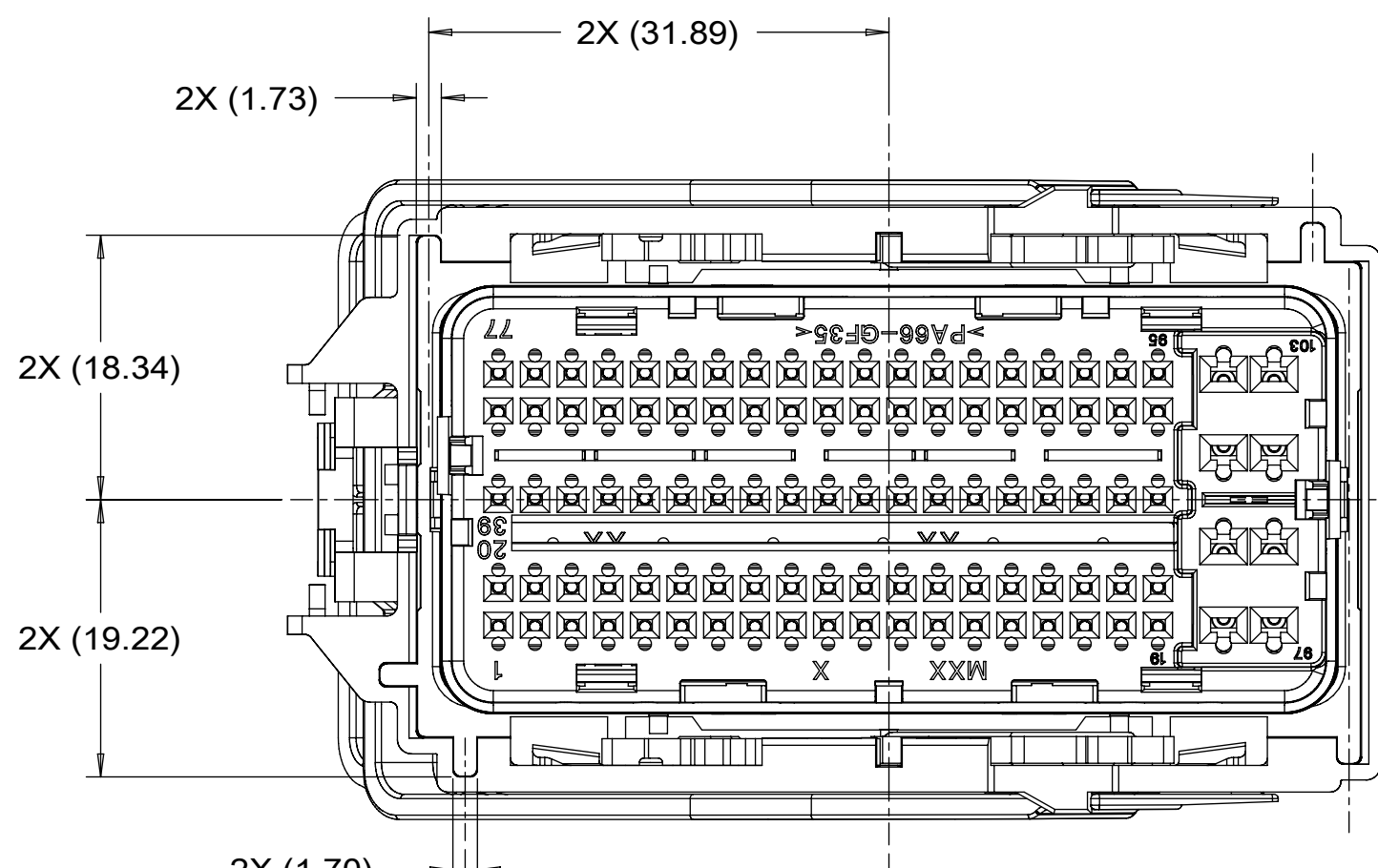
KEYWAY DEFINITION



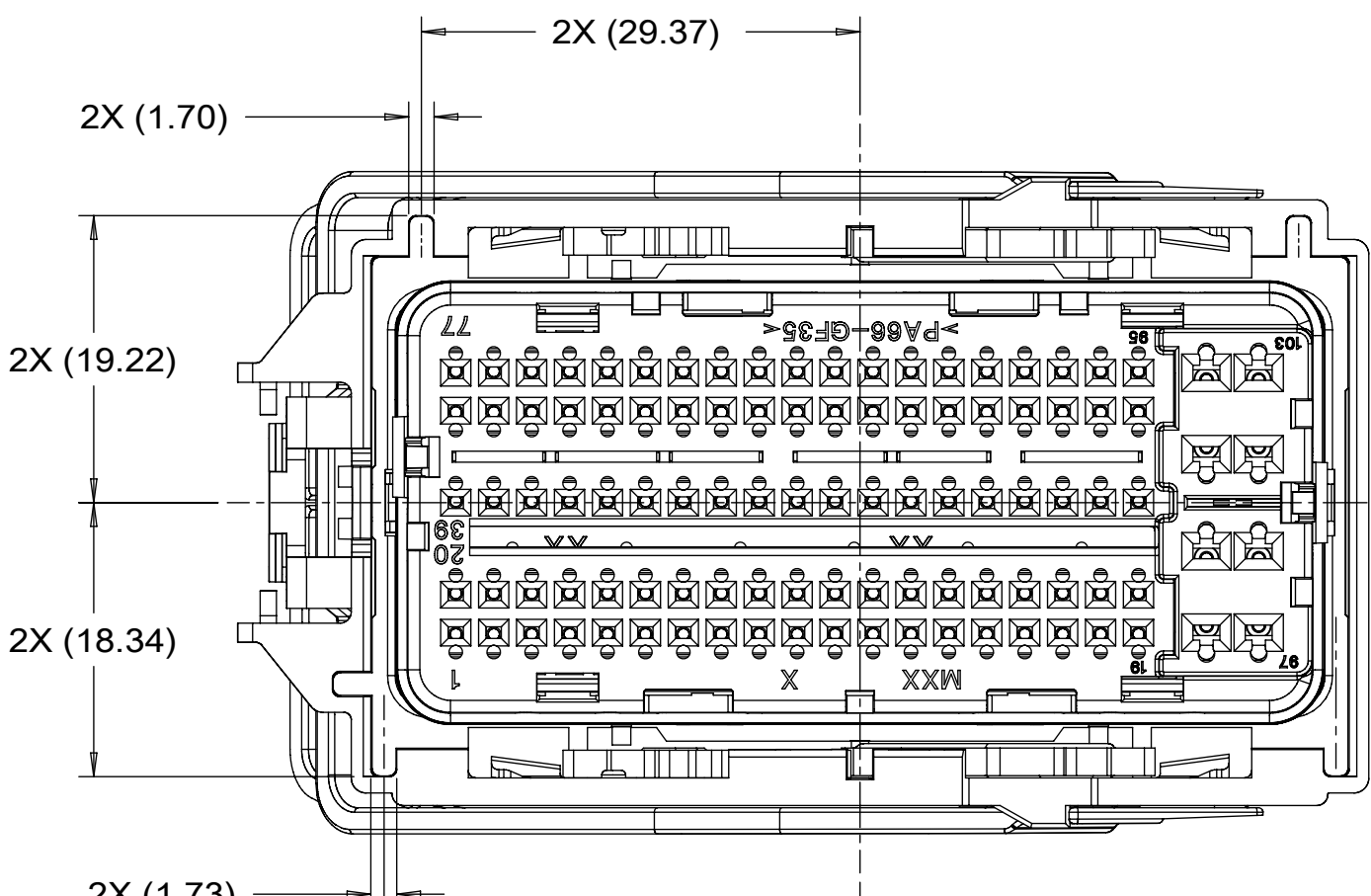
34993-0XXX (END LATCH LEVER)  
34993-1XXX (TOP LATCH LEVER)  
KEY OPTION 1



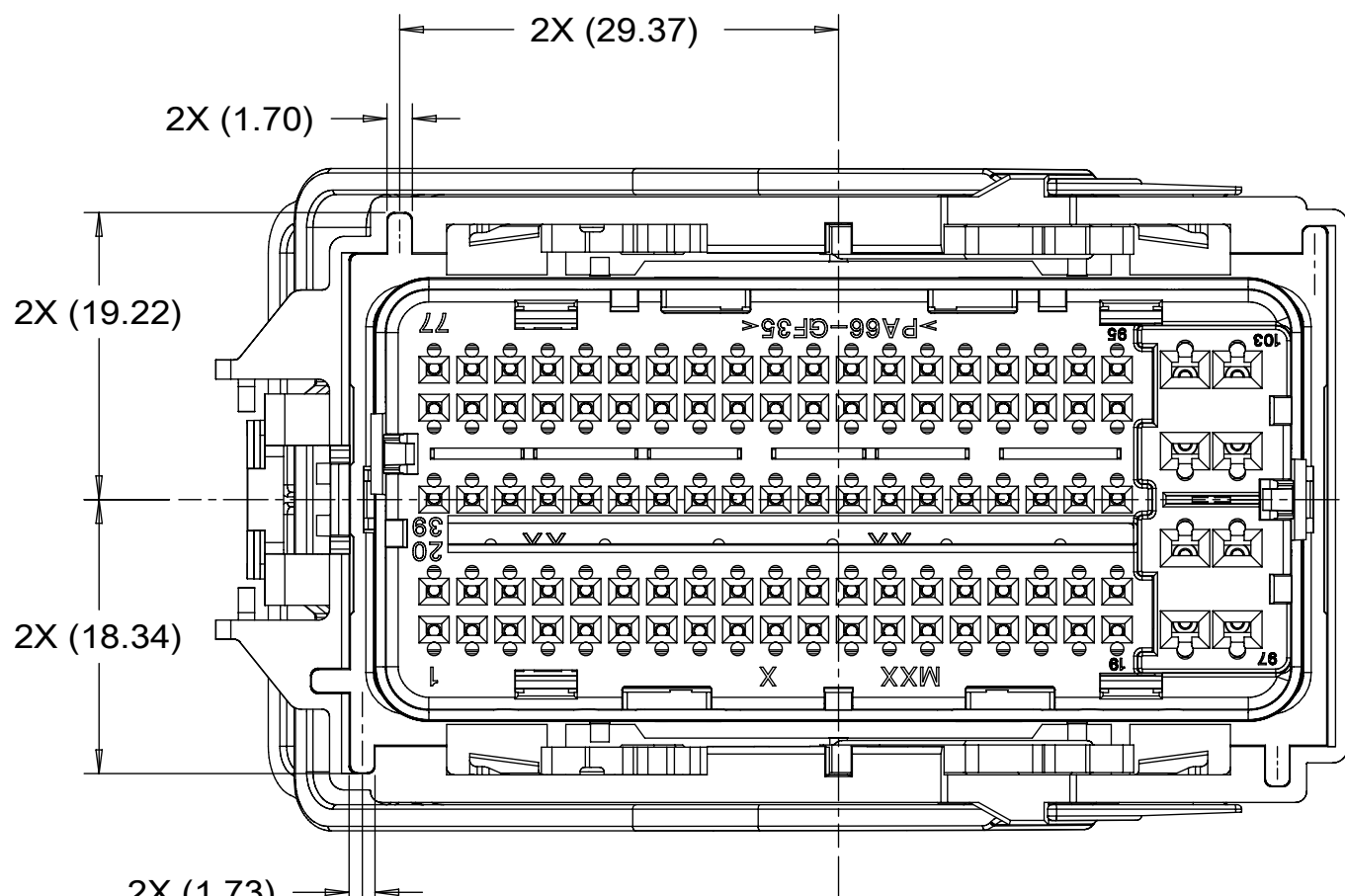
34993-6XXX (END LATCH LEVER)  
34993-7XXX (TOP LATCH LEVER)  
KEY OPTION 4



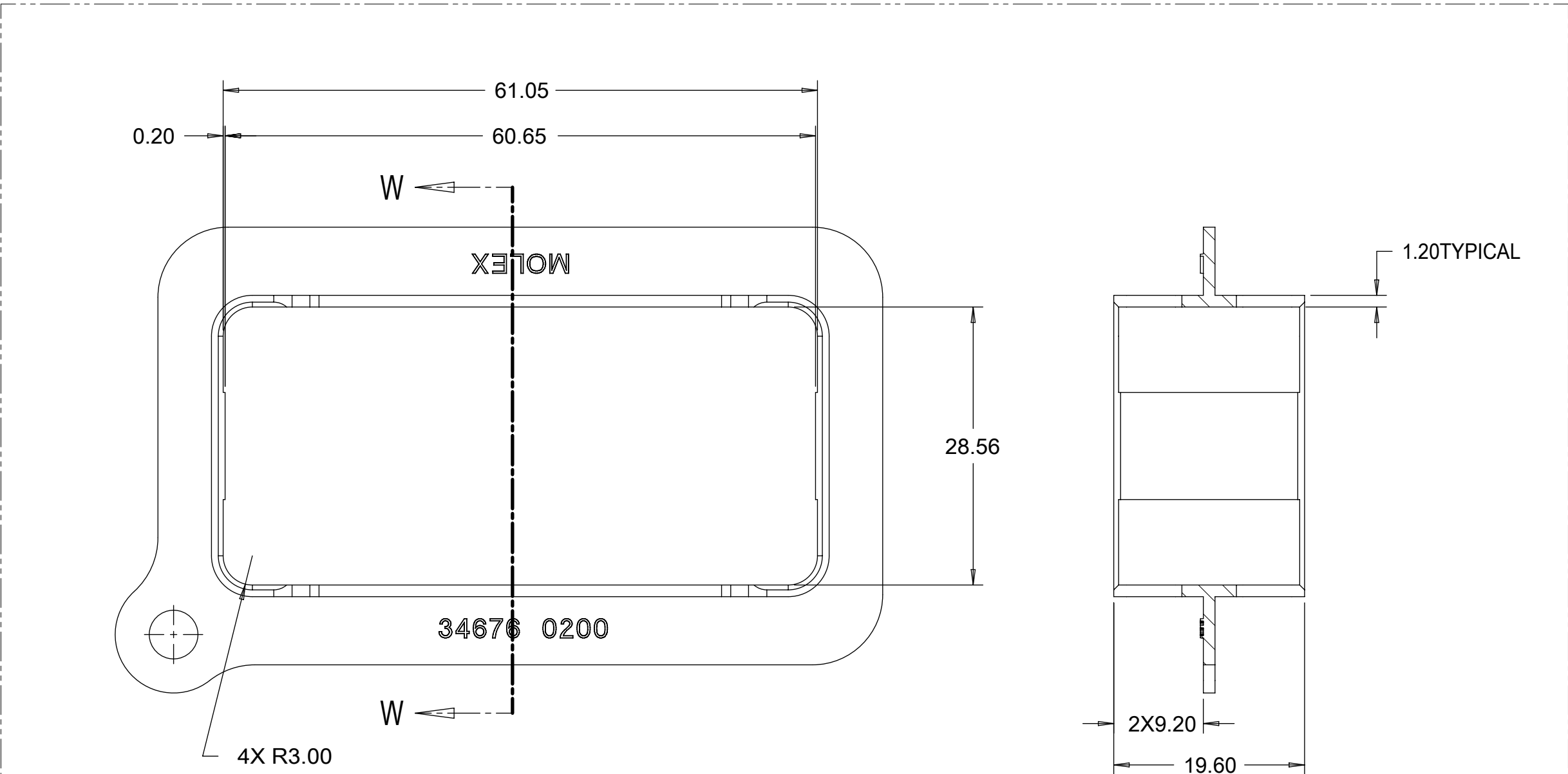
34993-2XXX (END LATCH LEVER)  
34993-3XXX (TOP LATCH LEVER)  
KEY OPTION 2



34993-8XXX (END LATCH LEVER)  
34993-9XXX (TOP LATCH LEVER)  
KEY OPTION 5

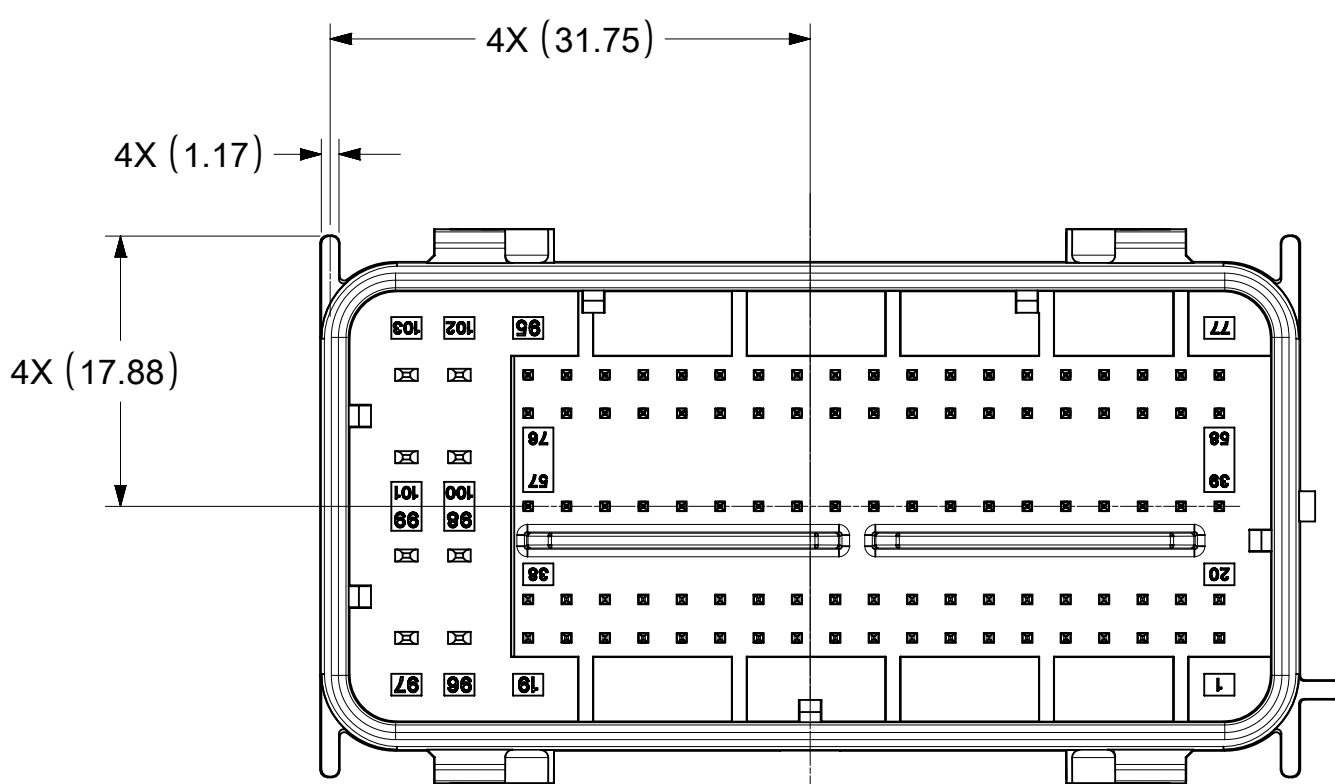


34993-4XXX (END LATCH LEVER)  
34993-5XXX (TOP LATCH LEVER)  
KEY OPTION 3

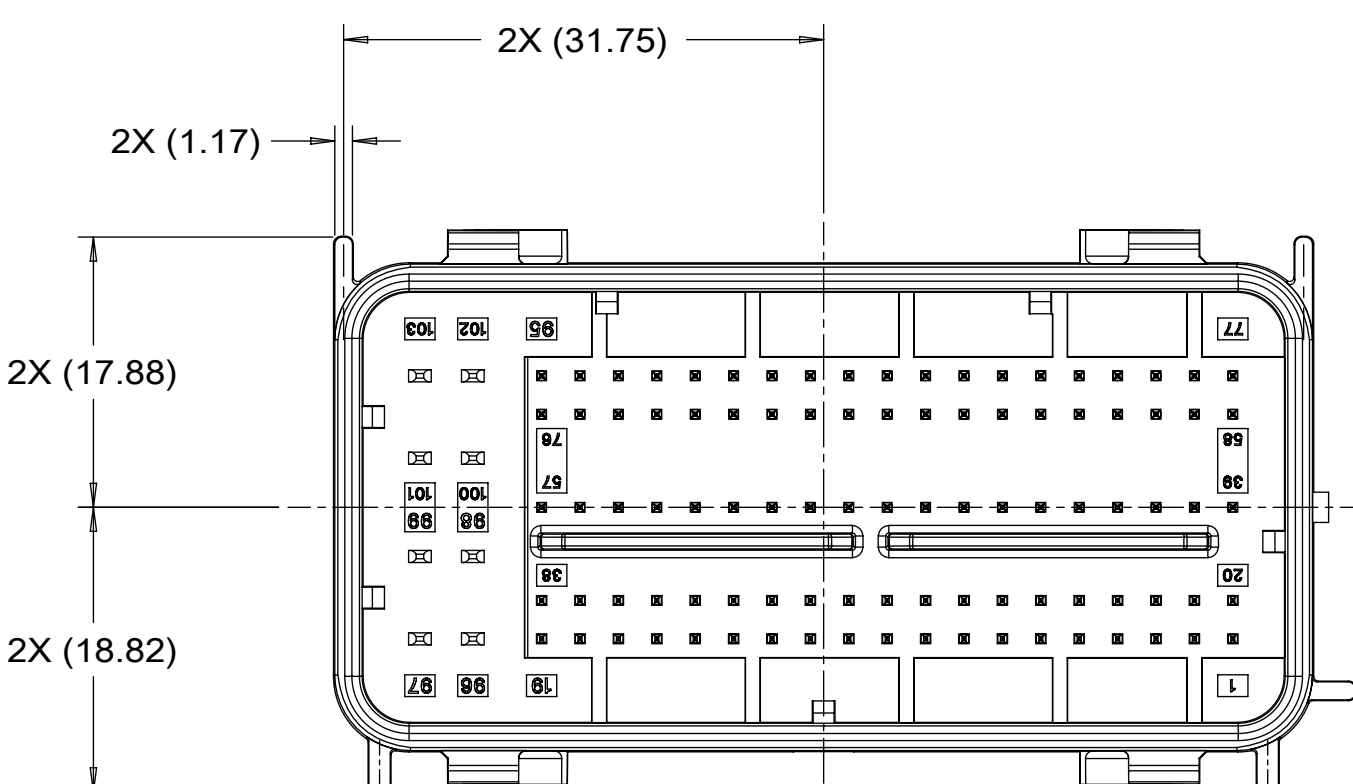


TPA SEATING TOOL

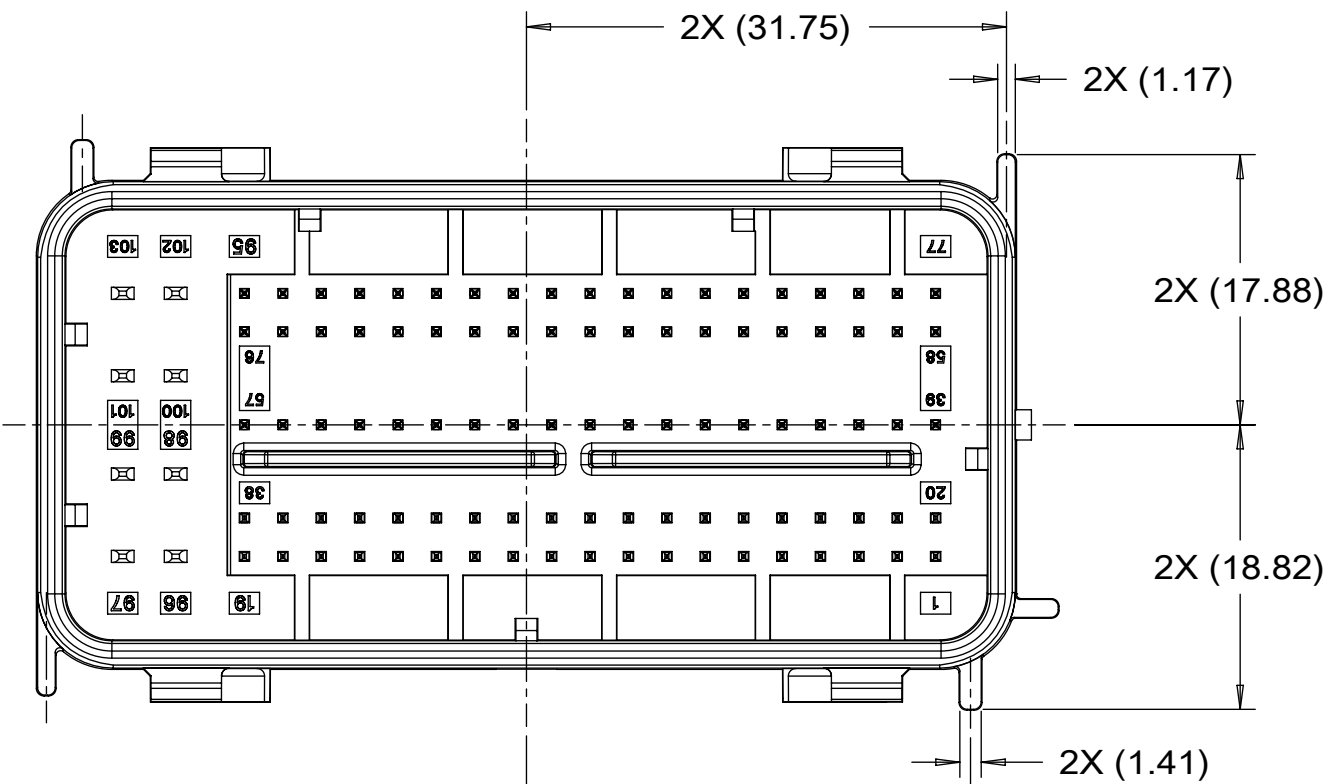
RECOMMENDED MATING INTERFACE



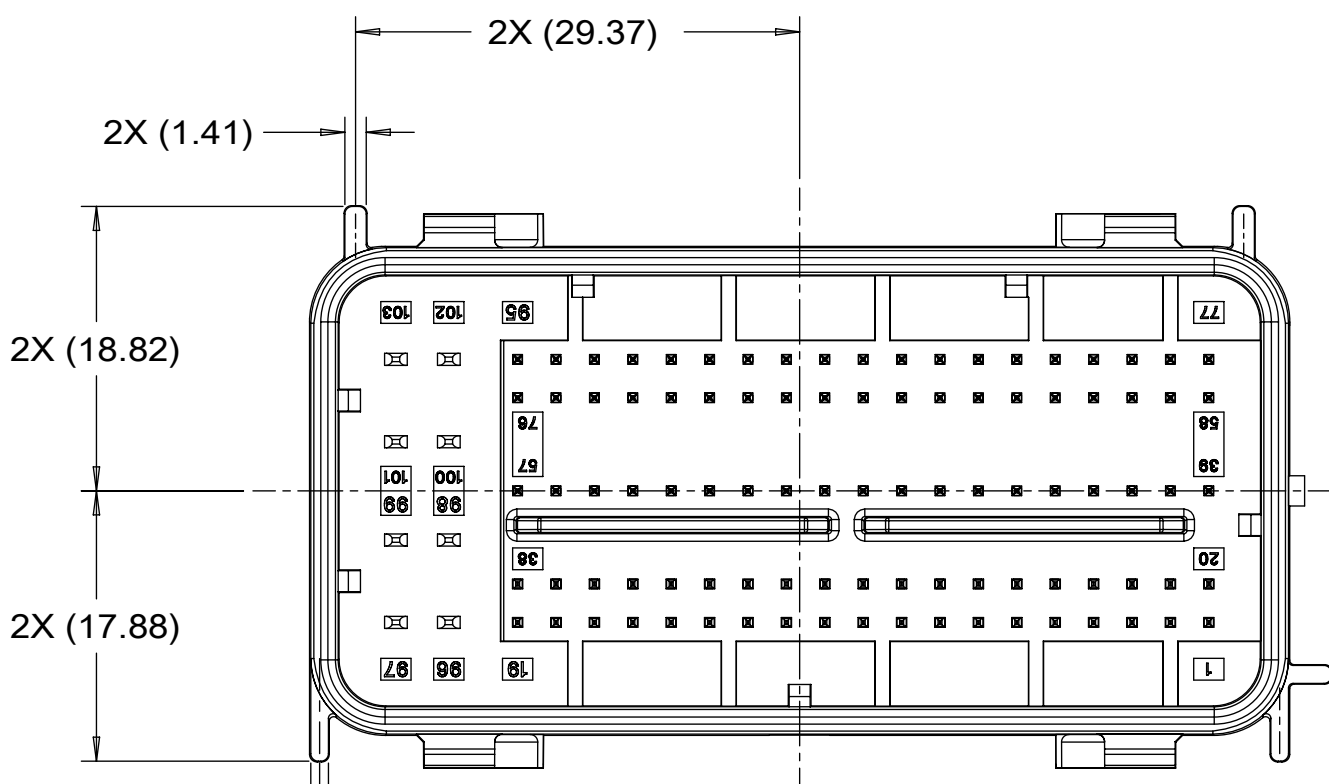
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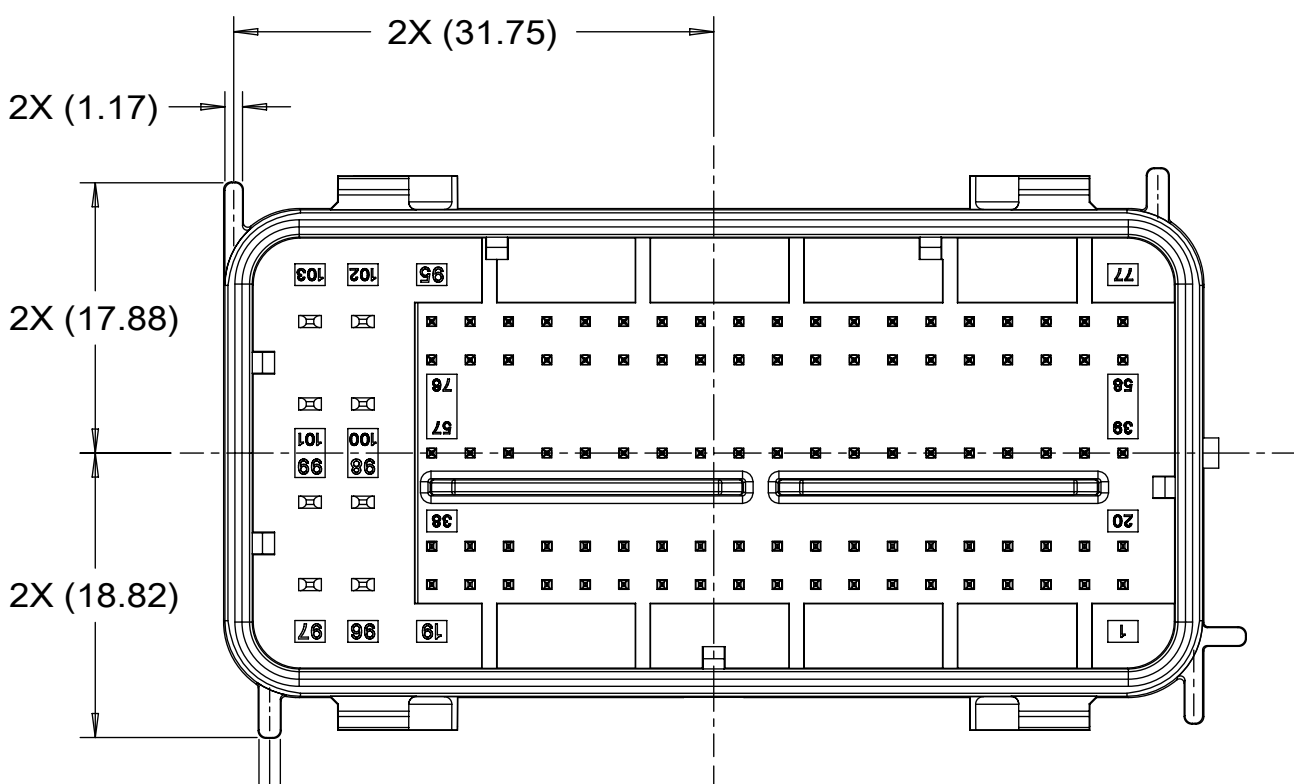
KEY OPTION 4



KEY OPTION 2



KEY OPTION 5

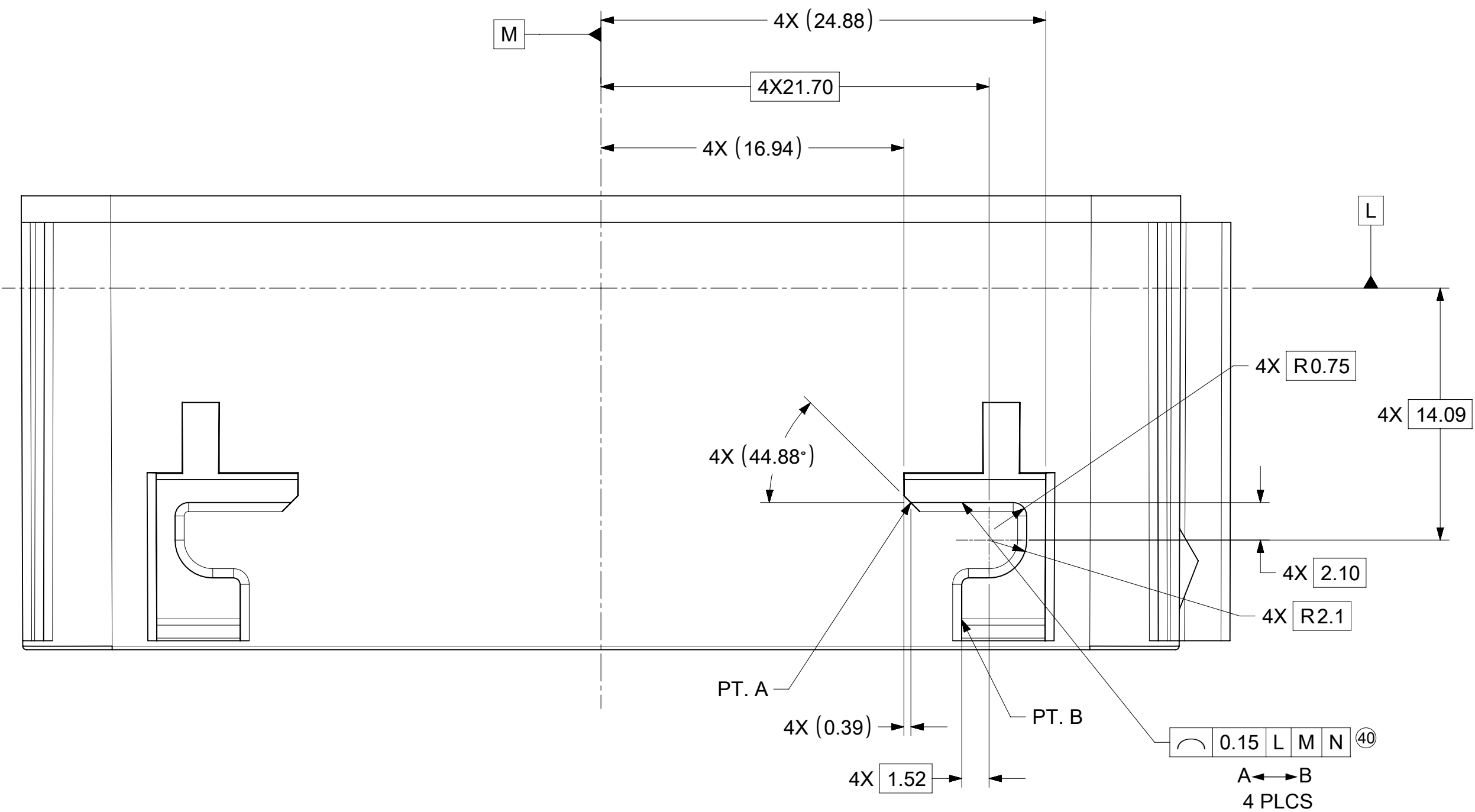
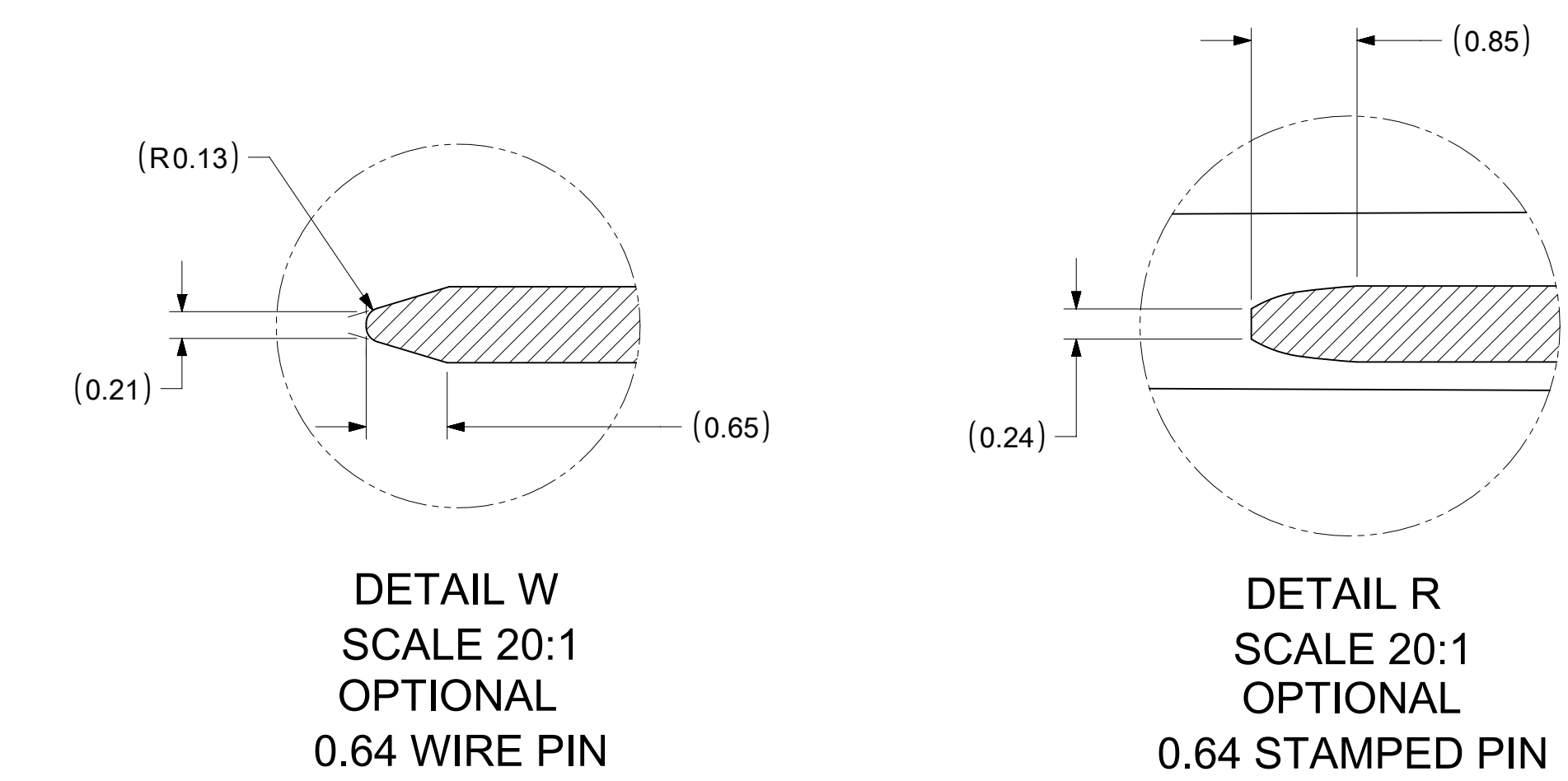


KEY OPTION 3

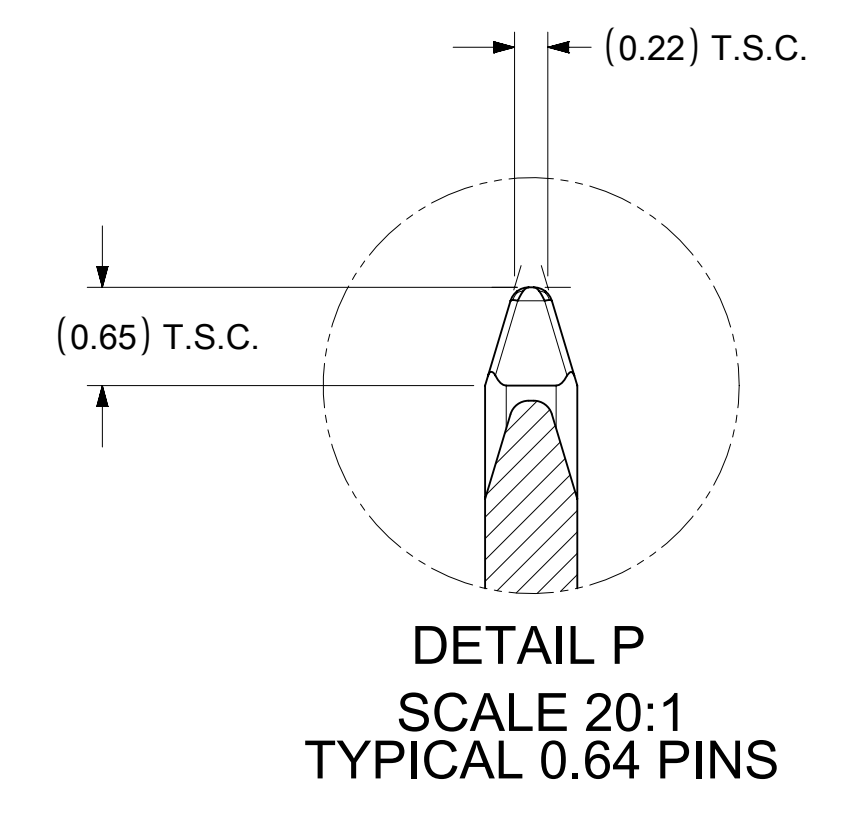
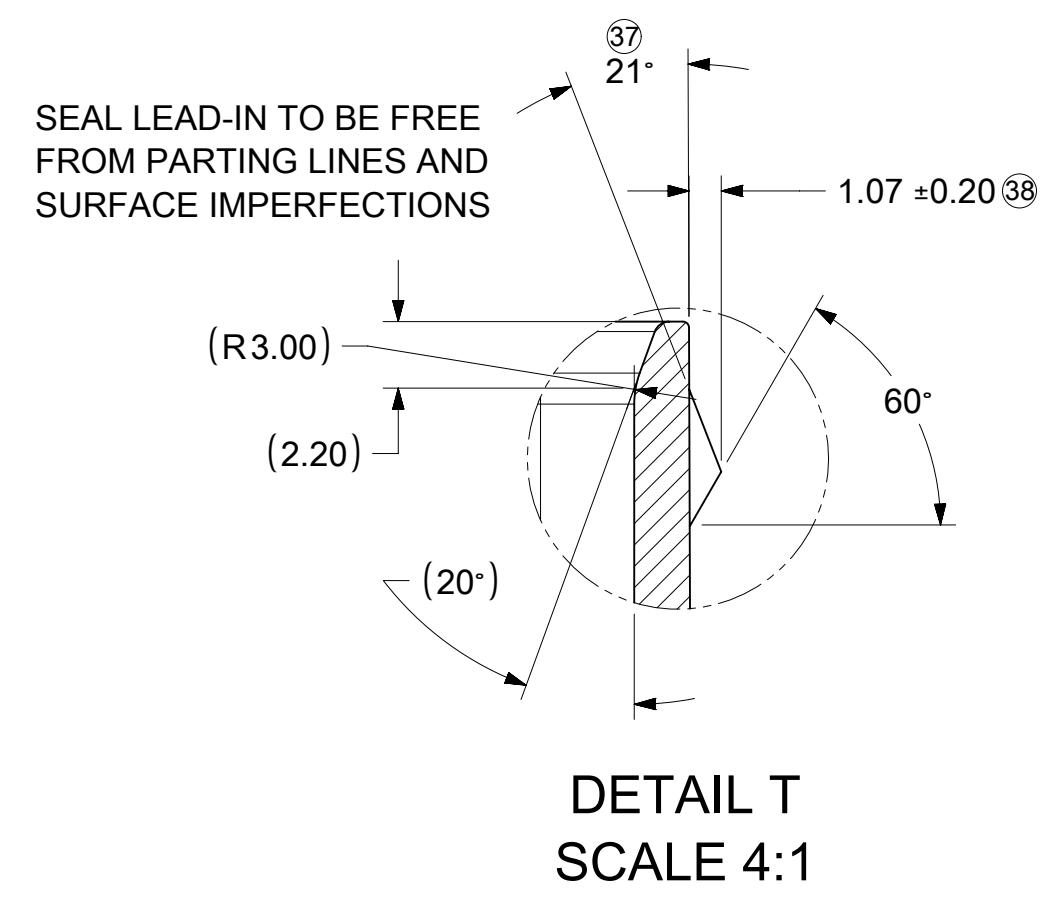
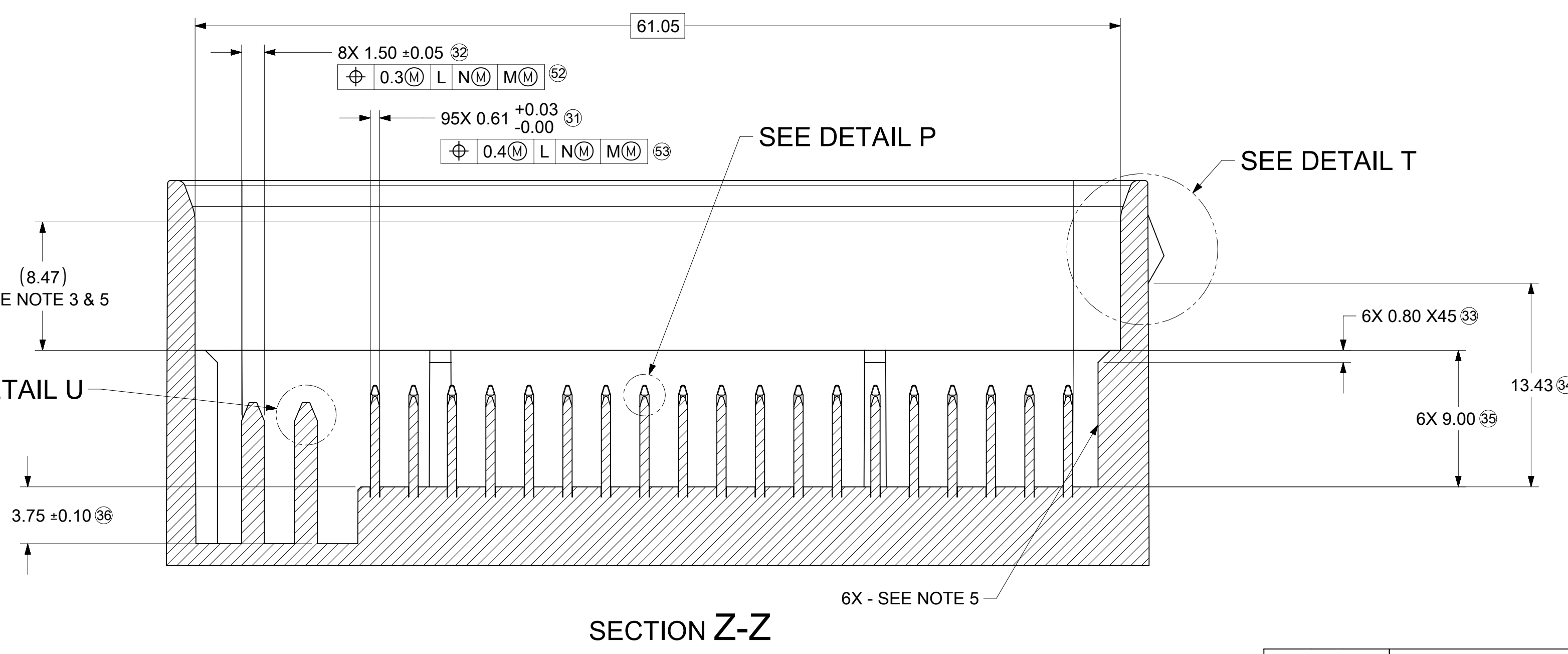
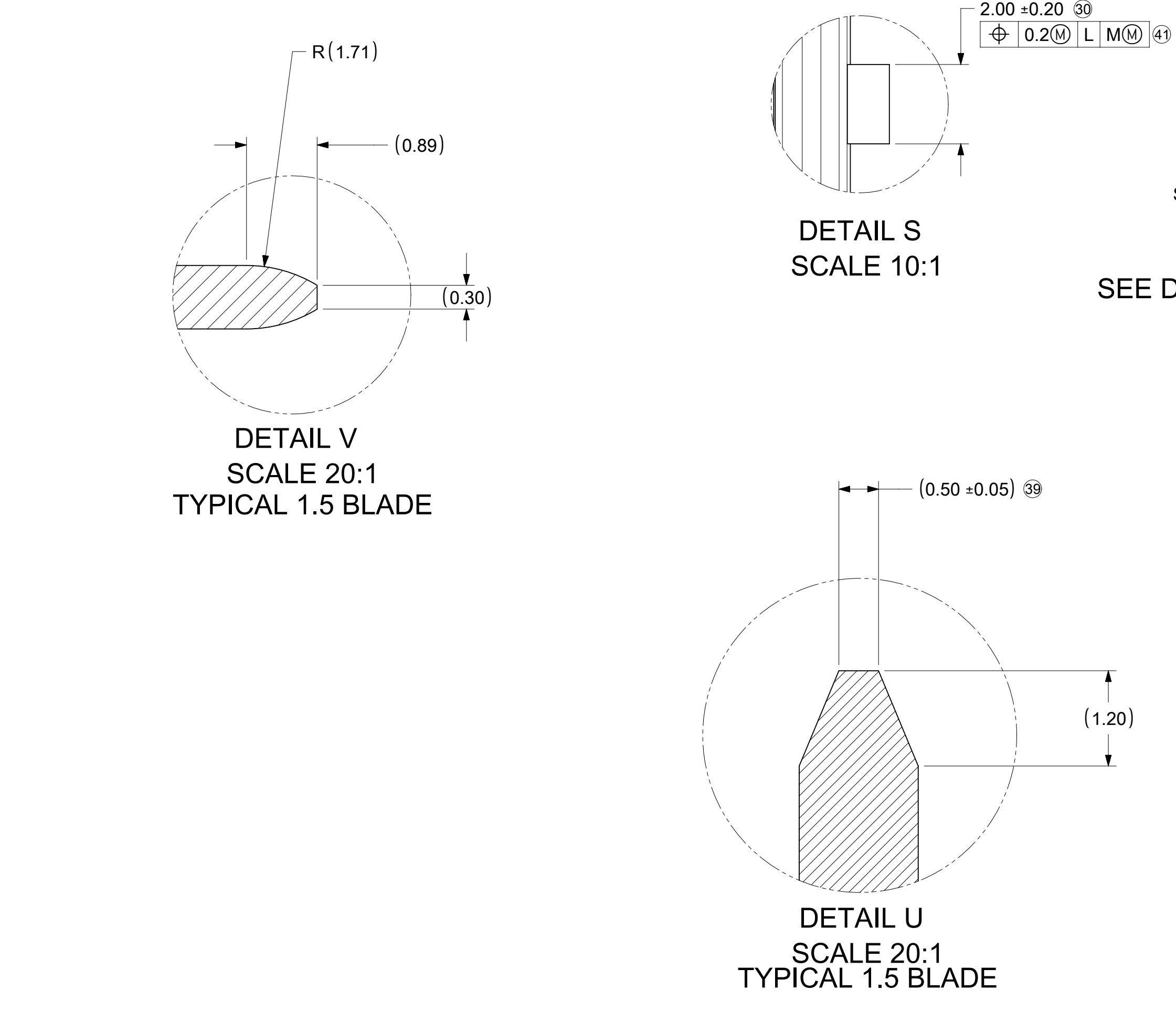
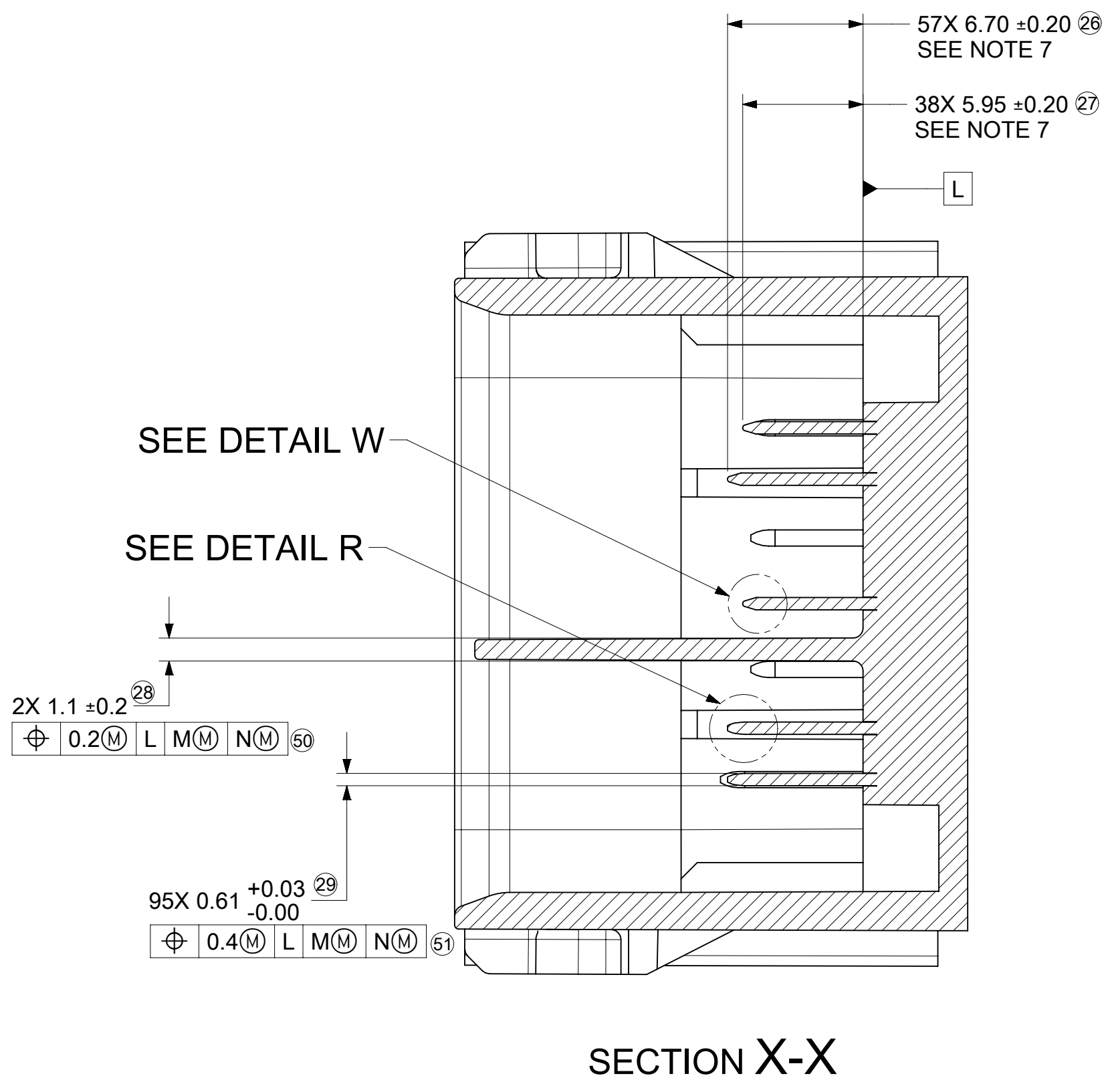
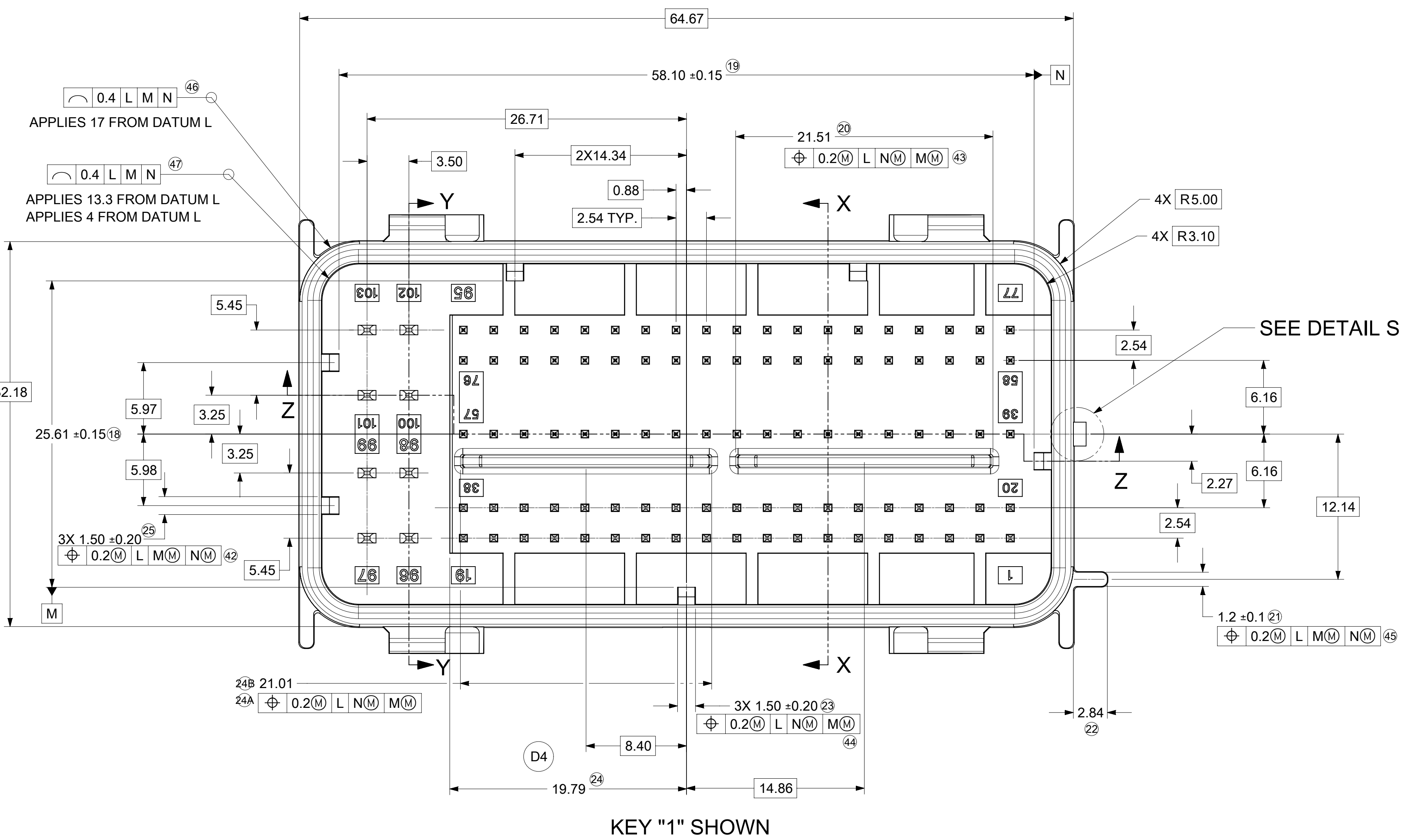
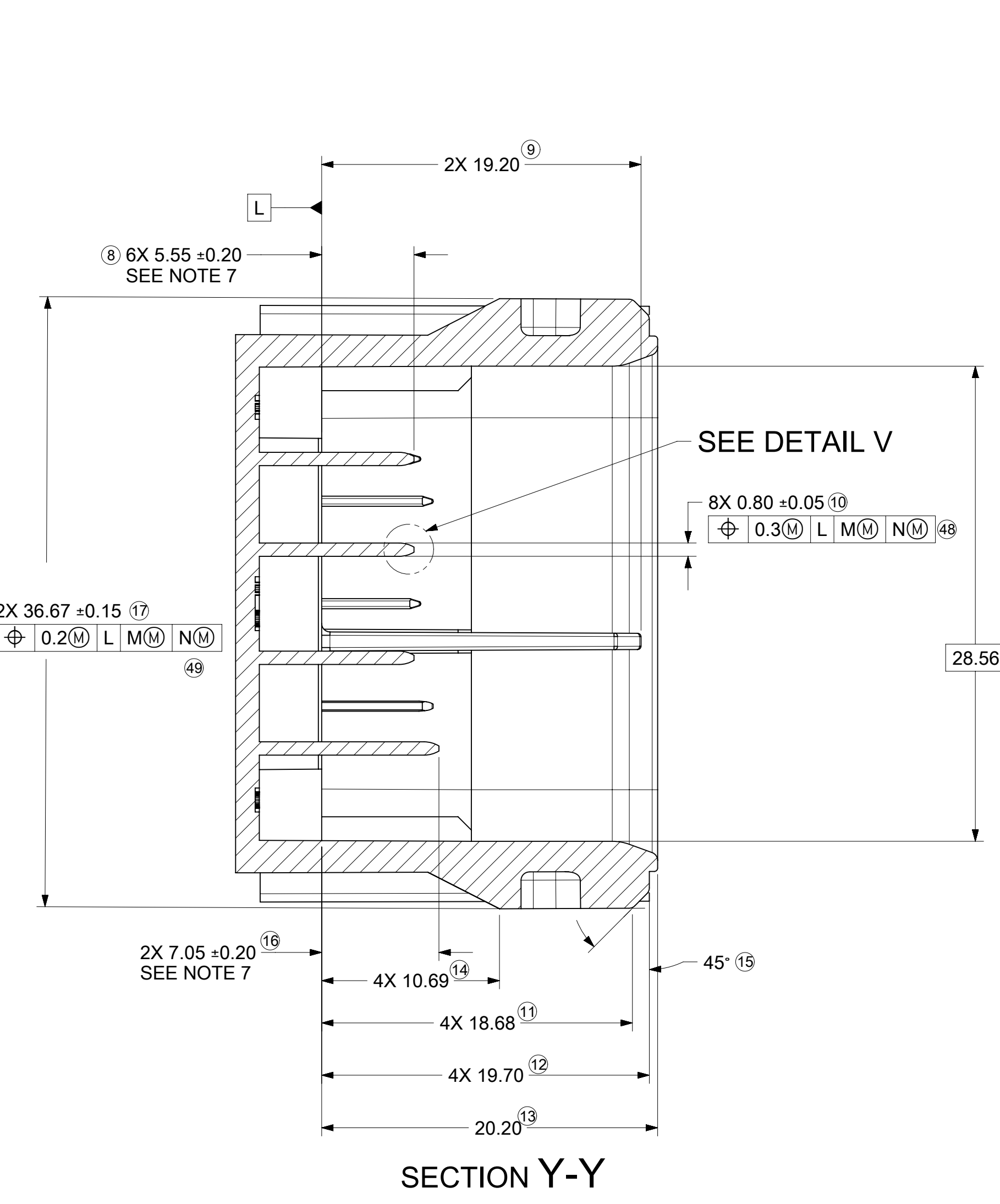
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                               |                        |                                          |         |                                                                                        |        |              |                 |                          |          |              |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------|---------|----------------------------------------------------------------------------------------|--------|--------------|-----------------|--------------------------|----------|--------------|--|
| <div>SYMBOLS</div> <div><div><div><div><div></div><div>= 0</div></div><div><div></div><div>= 0</div></div><div><div></div><div>= 0</div></div><div><div></div><div>= 0</div></div><div><div></div><div>= 0</div></div><div><div></div><div>= 0</div></div><div><div></div><div>= 0</div></div><div><div></div><div>= 0</div></div><div><div></div><div>= 0</div></div><div><div></div><div>= 0</div></div><div><div></div><div>= 0</div></div></div><div><div>DRAFT WHERE APPLICABLE</div><div>MUST REMAIN</div><div>WITHIN DIMENSIONS</div></div></div></div> | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        | CURRENT REV DESC: NOTE AND TABLE UPDATED |         | <div><div>molex</div><div>GPEC IV CONNECTOR ASSEMBLY</div><div>103 CIRCUIT</div></div> |        |              |                 |                          |          |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DIMENSION UNITS                                                                                                                               |                        | SCALE                                    |         |                                                                                        |        |              |                 | PRODUCT CUSTOMER DRAWING |          |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | mm                                                                                                                                            |                        | 2:1                                      |         |                                                                                        |        |              |                 | DOCUMENT NUMBER          |          |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                        | EC NO: 677806                            |         | 2021/09/15                                                                             |        | DOC TYPE     |                 | DOC PART                 |          | REVISION     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ANGULAR TOL                                                                                                                                   |                        | DRWN: NBOHIDAR                           |         | 2021/09/28                                                                             |        | PSD          |                 | 000                      |          | A8           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4 PLACES                                                                                                                                      |                        | CHK'D: BDICK01                           |         | 2021/09/28                                                                             |        | 349930001-SD |                 | GENERAL MARKET           |          | SHEET NUMBER |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3 PLACES                                                                                                                                      |                        | APPR: BDICK01                            |         | 2021/09/28                                                                             |        | CHARTED      |                 | GENERAL MARKET           |          | 2 OF 3       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2 PLACES                                                                                                                                      |                        | INITIAL REVISION:                        |         |                                                                                        |        |              |                 |                          |          |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 PLACE                                                                                                                                       |                        | DRWN: NBOHIDAR                           |         | 2018/09/01                                                                             |        |              |                 |                          |          |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0 PLACES                                                                                                                                      |                        | APPR: APROFFITT                          |         | 2018/09/07                                                                             |        |              |                 |                          |          |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                               | THIRD ANGLE PROJECTION |                                          | DRAWING |                                                                                        | SERIES |              | MATERIAL NUMBER |                          | CUSTOMER |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                               |                        |                                          | E-SIZE  |                                                                                        | 34993  |              |                 |                          |          |              |  |

SEE NOTES

RECOMMENDED MATING INTERFACE



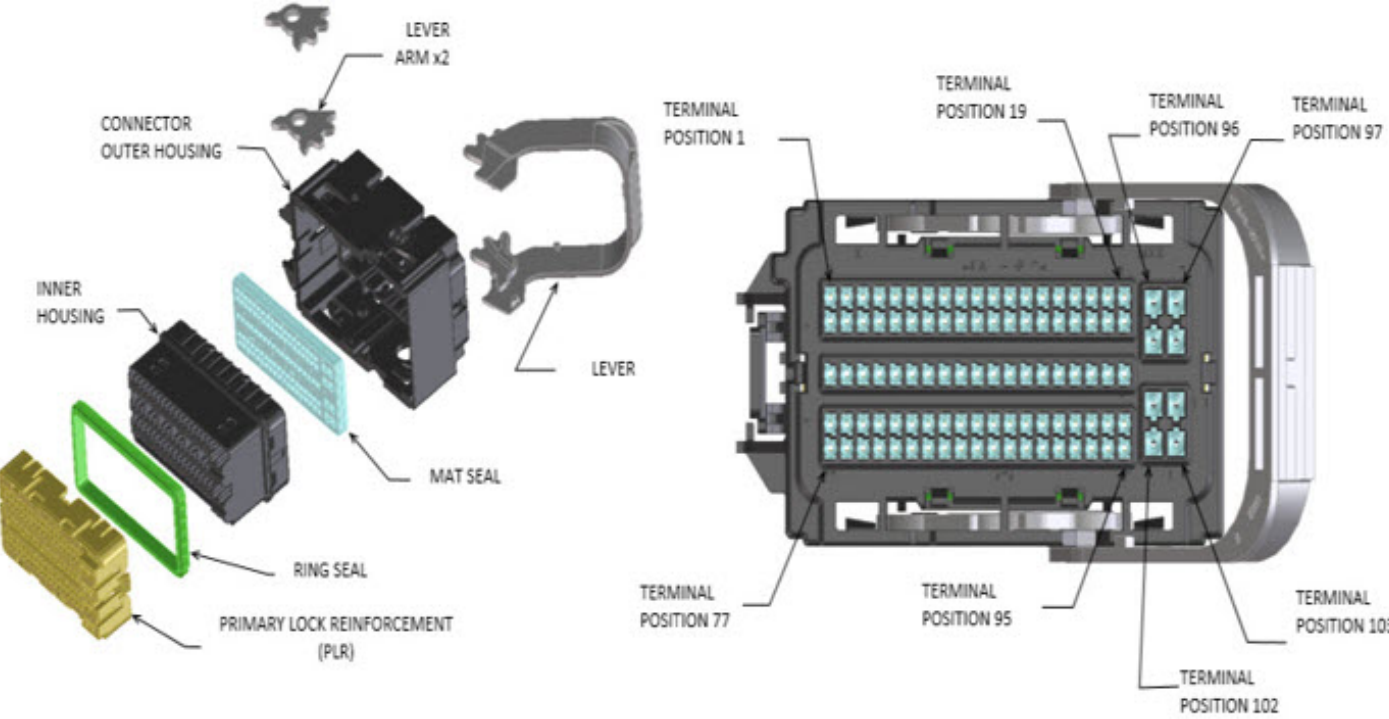
- NOTES FOR INTERFACE: UNLESS OTHERWISE SPECIFIED
1. GENERAL TOLERANCES:  
LINEAR DIMENSIONS: +0.20  
ANGULAR DIMENSIONS: +3°
  2. DRAFT ANGLE PERMISSIBLE ONLY WITHIN DRAWING TOLERANCE.
  3. SEAL SURFACE. NO WITNESS LINES OR DAMAGE PERMITTED.
  4. ALL UNMARKED RADII TO BE 0.5 MAX. UNLESS OTHERWISE SPECIFIED.
  5. ZERO DRAFT AREA
  6. CONNECTION SYSTEM VALIDATED TO USCAR2, REVISION 5
  7. PIN ROW HEIGHTS ARE INTENTIONALLY OFFSET
- POWER CONTACT PIN NOTES: (1.5 CIRCUITS)
1. MATERIAL: Cu ALLOY  
WITH TENSILE STRENGTH > 410 N/mm<sup>2</sup>  
ELECTRICAL CONDUCTANCE > 16 Sm/mm<sup>2</sup>  
(>28% IACS AT 20°C)
  2. BASE PLATING: 1.25-2.25µm Ni OVERALL.
  3. REFLOW TIN PLATING: 2.5-4.0µm OVERALL.
  4. CONTACT MUST BE FREE OF BURRS AND SHARP EDGES.
  5. PROCESS COMPONENTS IN A LOW-SULFUR ENVIRONMENT AND AVOID CONTACT WITH MATERIALS THAT TRANSFER SULFUR TO THE ENVIRONMENT.
- SIGNAL CONTACT PIN NOTES (0.64 CIRCUITS)
1. MATERIAL: Cu ALLOY  
WITH TENSILE STRENGTH > 410 N/mm<sup>2</sup>  
ELECTRICAL CONDUCTANCE > 16 Sm/mm<sup>2</sup>  
(>28% IACS AT 20°C)
  2. BASE PLATING 1.25-2.5µm Ni OVERALL.
  3. SILVER PLATING: 2-4µm Ag WITH TARNISH RESISTANT TREATMENT APPLIED TO THE ENTIRE SILVER SURFACE.
  4. CONTACT MUST BE FREE OF BURRS AND SHARP EDGES.
  5. FOR SILVER PLATING: ELECTRICAL PERFORMANCE IS NOT AFFECTED BY GREY OR BLACK TARNISH ON THE SILVER PLATING SURFACE. ACCEPTABLE SILVER PIN SURFACES CAN INCLUDE GREY OR BLACK TARNISH.
  6. PROCESS COMPONENTS IN A LOW-SULFUR ENVIRONMENT AND AVOID CONTACT WITH MATERIALS THAT TRANSFER SULFUR TO THE ENVIRONMENT.



|                |                                                                                                                                               |                                                      |                |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
| <b>SYMBOLS</b> | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                      |                |
|                | DIMENSION UNITS                                                                                                                               | SCALE                                                |                |
|                | <b>mm</b>                                                                                                                                     | <b>2:1</b>                                           |                |
|                | CURRENT REV DESC: NOTE AND TABLE UPDATED                                                                                                      |                                                      |                |
|                | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                                                      |                |
|                | = 0                                                                                                                                           | ANGULAR TOL                                          | ±              |
|                | = 0                                                                                                                                           | 4 PLACES                                             | ±              |
|                | = 0                                                                                                                                           | 3 PLACES                                             | ±              |
|                | = 0                                                                                                                                           | 2 PLACES                                             | ±              |
|                | = 0                                                                                                                                           | 1 PLACE                                              | ±              |
|                | = 0                                                                                                                                           | 0 PLACES                                             | ±              |
|                | = 0                                                                                                                                           | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                |
|                | = 0                                                                                                                                           | THIRD ANGLE PROJECTION                               |                |
|                |                                                                                                                                               | DRAWING                                              | E-SIZE         |
|                |                                                                                                                                               | SERIES                                               | 34993          |
|                |                                                                                                                                               | MATERIAL NUMBER                                      | CHARTED        |
|                |                                                                                                                                               | CUSTOMER                                             | GENERAL MARKET |
|                |                                                                                                                                               | SHEET NUMBER                                         | 3 OF 3         |

|                                           |          |          |          |
|-------------------------------------------|----------|----------|----------|
| <b>molex</b>                              |          |          |          |
| GPEC IV CONNECTOR ASSEMBLY<br>103 CIRCUIT |          |          |          |
| PRODUCT CUSTOMER DRAWING                  |          |          |          |
| DOCUMENT NUMBER                           | DOC TYPE | DOC PART | REVISION |
| 349930001-SD                              | PSD      | 000      | A8       |

|                   |            |
|-------------------|------------|
| EC NO: 677806     | 2021/09/15 |
| DRWN: NBOHIDAR    | 2021/09/28 |
| CHK'D: BDICK01    | 2021/09/28 |
| APPR: BDICK01     | 2021/09/28 |
| INITIAL REVISION: |            |
| DRWN: NBOHIDAR    | 2018/09/01 |
| APPR: APROFFITT   | 2018/09/07 |



| ABBREVIATION | DESCRIPTION                     | COLOR      | MATERIAL                       |
|--------------|---------------------------------|------------|--------------------------------|
| 1-BLACK      | OUTER HOUSING KEYING OPTION 1   | BLACK      | PA66 GF35                      |
| 2-BLACK      | OUTER HOUSING KEYING OPTION 2   | BLACK      | PA66 GF35                      |
| 3-BLACK      | OUTER HOUSING KEYING OPTION 3   | BLACK      | PA66 GF35                      |
| 4-BLACK      | OUTER HOUSING KEYING OPTION 4   | BLACK      | PA66 GF35                      |
| 5-BLACK      | OUTER HOUSING KEYING OPTION 5   | BLACK      | PA66 GF35                      |
| NIL - GRAY   | OUTER HOUSING KEYING OPTION NIL | GRAY       | PA66 GF35                      |
| IH           | INNER HOUSING                   | BLACK      | PA66 GF35                      |
| PLR          | TPA/PLR                         | NATURAL    | PA66 GF35                      |
| LE           | LEVER - END LATCH               | GRAY       | PA66 GF35                      |
| LT           | LEVER - TOP LATCH               | GRAY       | PA66 GF35                      |
| LA           | LEVER ARM                       | GRAY       | PA66 GF35                      |
| M            | MAT SEAL                        | LIGHT BLUE | INHERENTLY LUBRICATED SILICONE |
| R            | RING SEAL                       | GREEN      | INHERENTLY LUBRICATED SILICONE |

FOR ADDITIONAL INFORMATION SEE 349930001-SD

LOOK AT 2032000001-SD FOR WIRE DRESS COVER OPTION

| ASSEMBLY DESCRIPTION                     | ASSEMBLY PART<br>NUMBER | COMPONENT                                                                    |                  |     |       |                       |             |              | BLOCKED TERMINALS                                                                                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | STATUS | COMMENTS |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------------------|-------------------------|------------------------------------------------------------------------------|------------------|-----|-------|-----------------------|-------------|--------------|----------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                          |                         | THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT<br>COMPONENT. |                  |     |       |                       |             |              | CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION<br>CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |        |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                          |                         | OUTER HOUSING<br>KEY/COLOR                                                   | INNER<br>HOUSING | PLR | LEVER | LEVER<br>ARM<br>(x/2) | MAT<br>SEAL | RING<br>SEAL |                                                                                                                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |        |          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| GPEC RCPT CONN 103 CKT END LVR KEY 1/103 | 349930001               | 1-BLACK                                                                      | IH               | PLR | LE    | LA                    | M           | R            | -                                                                                                                    | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | -      | -        | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |



































BOM AND PIN OUT SHEET

| ASSEMBLY DESCRIPTION                    | ASSEMBLY PART NUMBER | COMPONENT                                                                 |                  |     |       |                       |             |              | BLOCKED TERMINALS                                                                                                    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |   |          |  |  | STATUS | COMMENTS |
|-----------------------------------------|----------------------|---------------------------------------------------------------------------|------------------|-----|-------|-----------------------|-------------|--------------|----------------------------------------------------------------------------------------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|---|----------|--|--|--------|----------|
|                                         |                      | THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT. |                  |     |       |                       |             |              | CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION<br>CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |   |          |  |  |        |          |
|                                         |                      | OUTER HOUSING<br>KEY/COLOR                                                | INNER<br>HOUSING | PLR | LEVER | LEVER<br>ARM<br>(x/2) | MAT<br>SEAL | RING<br>SEAL |                                                                                                                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |   |          |  |  |        |          |
| GPEC RCPT CONN 103 CKT TOP LVR KEY 5/40 | 349939012            | 5-BLACK                                                                   | IH               | PLR | LT    | LA                    | M           | R            | 1                                                                                                                    | 2  | 3  | 4  | 5  | 6  | -  | -  | 9  | -  | 11 | 12 | -  | -  | 15 | 16 | -  | -  | 19 | 96  | - | SALEABLE |  |  |        |          |
|                                         |                      |                                                                           |                  |     |       |                       |             |              | 20                                                                                                                   | 21 | -  | -  | -  | 25 | 26 | 27 | -  | -  | 30 | 31 | 32 | 33 | 34 | -  | -  | 37 | -  | 98  | - |          |  |  |        |          |
|                                         |                      |                                                                           |                  |     |       |                       |             |              | 39                                                                                                                   | -  | -  | 42 | 43 | 44 | 45 | -  | -  | 48 | 49 | -  | -  | -  | -  | 54 | 55 | -  | 57 |     |   |          |  |  |        |          |
|                                         |                      |                                                                           |                  |     |       |                       |             |              | 58                                                                                                                   | -  | 60 | 61 | 62 | 63 | 64 | -  | -  | 67 | 68 | 69 | -  | 71 | 72 | -  | 74 | 75 | 76 | -   | - |          |  |  |        |          |
|                                         |                      |                                                                           |                  |     |       |                       |             |              | 77                                                                                                                   | -  | -  | 80 | 81 | 82 | 83 | 84 | 85 | 86 | -  | 88 | 89 | -  | -  | 92 | 93 | 94 | 95 | -   | - |          |  |  |        |          |
| GPEC RCPT CONN 103 CKT TOP LVR KEY 5/34 | 349939013            | 5-BLACK                                                                   | IH               | PLR | LT    | LA                    | M           | R            | 1                                                                                                                    | 2  | -  | 4  | 5  | 6  | -  | 8  | 9  | -  | 11 | 12 | 13 | -  | -  | 16 | 17 | 18 | 19 | 96  | - | SALEABLE |  |  |        |          |
|                                         |                      |                                                                           |                  |     |       |                       |             |              | 20                                                                                                                   | 21 | 22 | 23 | -  | 25 | 26 | 27 | 28 | -  | 30 | 31 | 32 | 33 | -  | -  | 36 | 37 | 38 | -   | - |          |  |  |        |          |
|                                         |                      |                                                                           |                  |     |       |                       |             |              | 39                                                                                                                   | -  | -  | 42 | -  | 44 | 45 | 46 | -  | 48 | 49 | 50 | 51 | -  | -  | 54 | 55 | -  | 57 |     |   |          |  |  |        |          |
|                                         |                      |                                                                           |                  |     |       |                       |             |              | 58                                                                                                                   | -  | 60 | 61 | 62 | 63 | 64 | -  | -  | 67 | 68 | 69 | -  | 71 | -  | -  | 74 | 75 | 76 | -   | - |          |  |  |        |          |
|                                         |                      |                                                                           |                  |     |       |                       |             |              | 77                                                                                                                   | -  | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | -  | -  | 89 | -  | -  | 92 | 93 | 94 | 95 | -   | - |          |  |  |        |          |
| GPEC RCPT CONN 103 CKT TOP LVR KEY 5/52 | 349939014            | 5-BLACK                                                                   | IH               | PLR | LT    | LA                    | M           | R            | -                                                                                                                    | 2  | 3  | -  | -  | -  | -  | -  | -  | -  | -  | 12 | 13 | -  | 15 | 16 | -  | 18 | 19 | -   | - | SALEABLE |  |  |        |          |
|                                         |                      |                                                                           |                  |     |       |                       |             |              | 20                                                                                                                   | -  | 22 | 23 | 24 | -  | -  | 27 | -  | 29 | -  | 31 | -  | -  | 34 | -  | 36 | 37 | 38 | -   | - |          |  |  |        |          |
|                                         |                      |                                                                           |                  |     |       |                       |             |              | -                                                                                                                    | -  | -  | -  | 43 | -  | -  | -  | -  | -  | -  | 50 | 51 | -  | 53 | 54 | 55 | 56 | -  |     |   |          |  |  |        |          |
|                                         |                      |                                                                           |                  |     |       |                       |             |              | -                                                                                                                    | -  | -  | -  | -  | -  | -  | -  | -  | -  | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | -  | -   | - |          |  |  |        |          |
|                                         |                      |                                                                           |                  |     |       |                       |             |              | 77                                                                                                                   | 78 | -  | -  | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | -   | - |          |  |  |        |          |
| GPEC RCPT CONN 103 CKT TOP LVR KEY 5/57 | 349939015            | 5-BLACK                                                                   | IH               | PLR | LT    | LA                    | M           | R            | -                                                                                                                    | -  | -  | 4  | 5  | 6  | -  | -  | 9  | 10 | -  | 12 | 13 | -  | -  | -  | -  | -  | -  | 96  | - | SALEABLE |  |  |        |          |
|                                         |                      |                                                                           |                  |     |       |                       |             |              | -                                                                                                                    | 21 | -  | -  | -  | -  | 26 | -  | 28 | -  | 30 | 31 | -  | -  | -  | 35 | -  | -  | -  | 98  | - |          |  |  |        |          |
|                                         |                      |                                                                           |                  |     |       |                       |             |              | 39                                                                                                                   | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | -  | -  | -  | -  | -  | -  | -  | -  | 57 |     |   |          |  |  |        |          |
|                                         |                      |                                                                           |                  |     |       |                       |             |              | 58                                                                                                                   | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | -  | -  | 71 | 72 | 73 | 74 | -  | -  | 100 | - |          |  |  |        |          |
|                                         |                      |                                                                           |                  |     |       |                       |             |              | 77                                                                                                                   | 78 | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | 90 | -  | -  | -  | -  | -  | 102 | - |          |  |  |        |          |