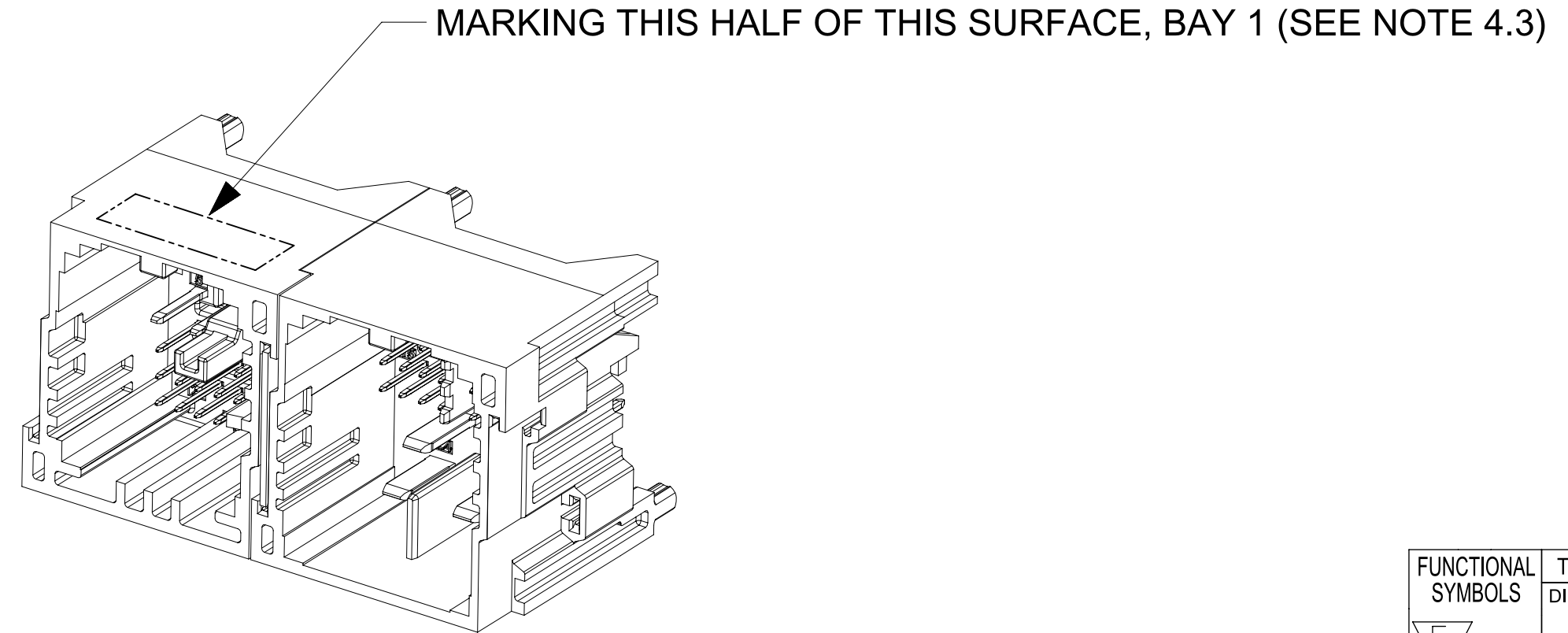
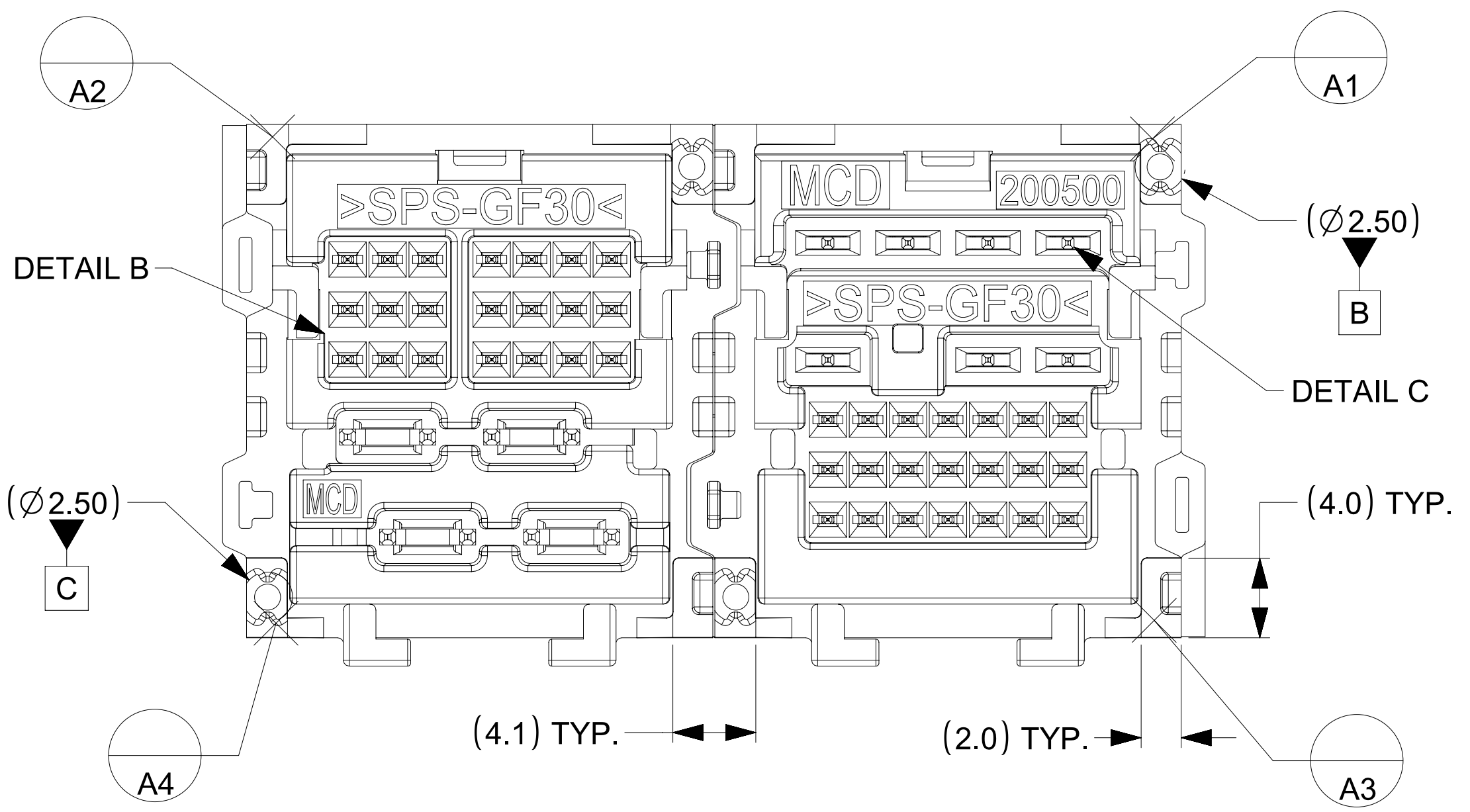
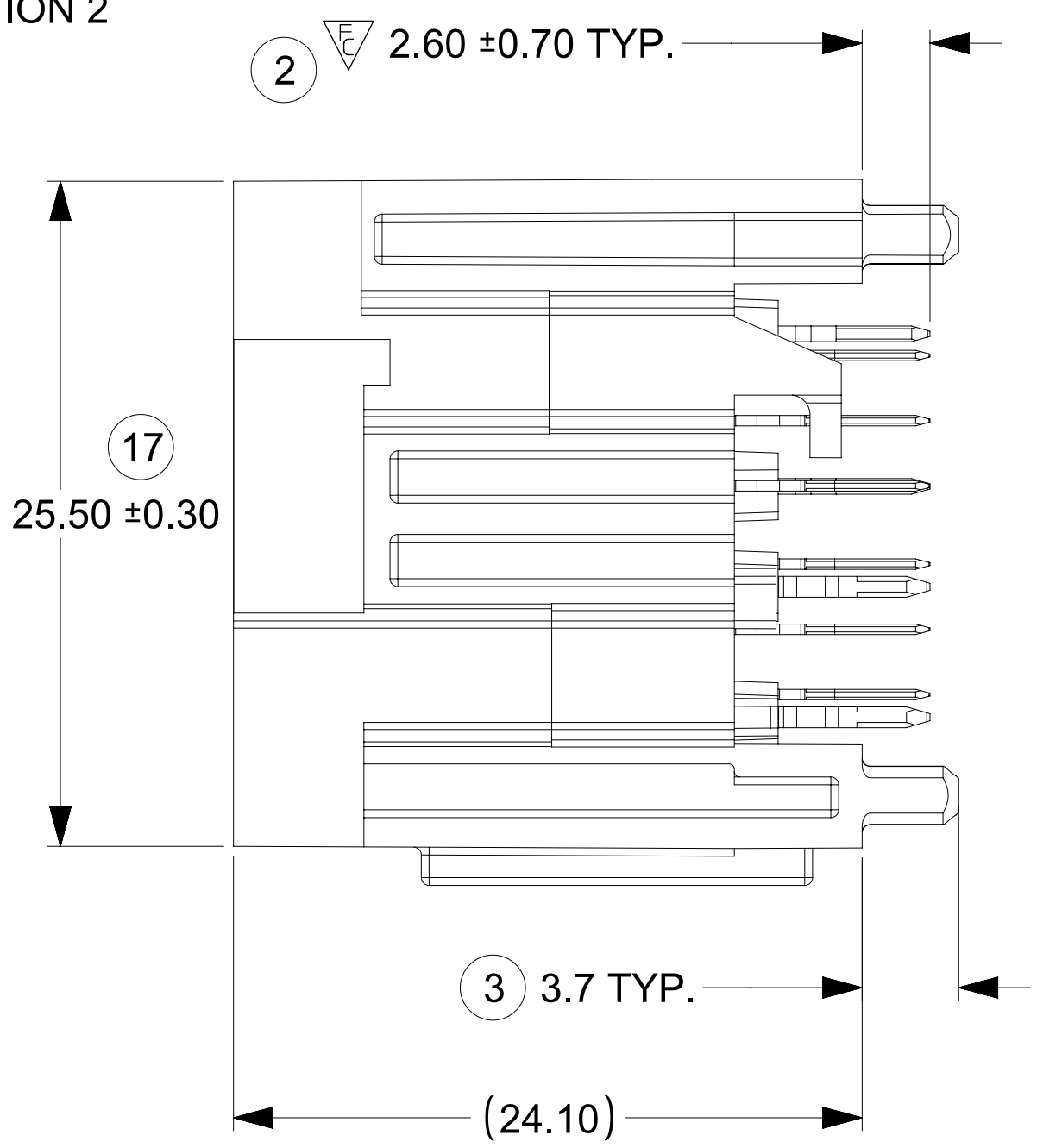
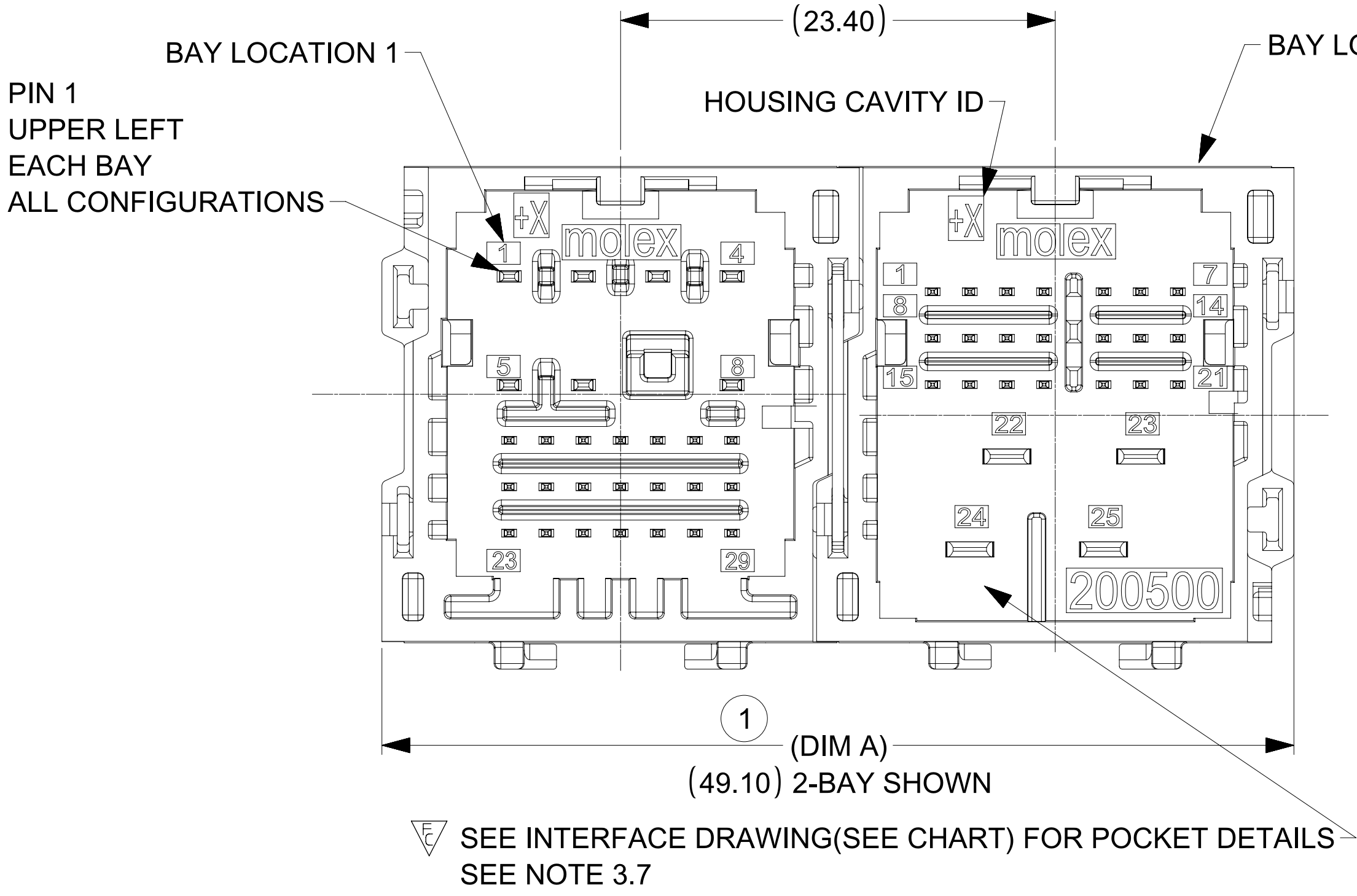




| BAY QTY | DIM A |
|---------|-------|
| 2       | 49.1  |
| 3       | 72.5  |
| 4       | 95.9  |
| 5       | 119.3 |
| 6       | 142.7 |
| 7       | 166.1 |

| SEE SHEET 2 |             |  |  |
|-------------|-------------|--|--|
| REVISION    | DESCRIPTION |  |  |

- NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:
- 1.1 APPLICATION SPECIFICATION 2005060000-AS
- 1.2 PRODUCT SPECIFICATION 2005060001-PS CLASSIFICATIONS T2V1S1 TO GMW 3191 2012
- 1.3 PACKAGING SPECIFICATION PER MOLEX DRAWING
2. DESIGN - MATERIALS:
- 2.1 HOUSING: SPS 30% GF
- 2.2 BLADE TERMINALS:
- A. 0.5MM BLADES  
BASE MATERIAL: COPPER ALLOY  
UNDERPLATE: OVERALL NICKEL  
OVERPLATE: OVERALL TIN
- B. 1.2MM BLADES  
BASE MATERIAL: COPPER ALLOY  
UNDERPLATE: OVERALL NICKEL  
OVERPLATE: OVERALL TIN
- C. 2.8MM BLADES  
BASE MATERIAL: COPPER ALLOY  
UNDERPLATE: OVERALL NICKEL  
OVERPLATE: OVERALL TIN
- D. 6.3MM BLADES  
BASE MATERIAL: COPPER ALLOY  
UNDERPLATE: OVERALL NICKEL  
OVERPLATE: OVERALL TIN
- 2.3 FASTENER: STAINLESS STEEL
3. DESIGN - GEOMETRY:
- 3.1 ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION
- 3.2 PRODUCT DESIGN MODEL NUMBER: SEE CHART. MODEL NUMBERS SAME AS PART NUMBERS.
- 3.3 GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009
- 3.4 EDGES OF UNDEFINED SHAPE PER ISO 13715
- 3.5 CORNERS SHOWN AS SHARP TO BE R 0.4 MAX
- 3.6 LETTERING SHALL BE MAX POSSIBLE FOR READABILITY. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
- 3.7 FOR BAY/POCKET DEFINITION SEE MOLEX INTERFACE DRAWINGS IN CHART. FUNCTIONAL APPLIES TO ALL FUNCTIONALS IN INTERFACE DRAWINGS.
- 3.8 PIN PCB SIDE TRUE POSITION TO BE VERIFIED ON LINE WITH CCD INSPECT
4. DESIGN - MANUFACTURING:
- 4.1 VISUAL DEFECTS SHALL MEET MOLEX COSMETIC STANDARD PS-45499-002 (CLASS B)
- 4.2 REFLOW SOLDERABILITY PER SMES-152
- 4.3 LASER ETCHED PART MARKING (1.5mm HEIGHT) CODED AS FOLLOWS
- ROW 1: "YYDDHHMMSS"
- DATE AND TIME CODE
- ROW 2: "XXXXX" OR "XXXXX\_X"
- "XXXXX" IS LAST 5 DIGITS OF PART NO AND DENOTES ORIGINAL ASSEMBLY LINE
- "\_X" DENOTES CAPACITY ASSEMBLY LINE SUCH AS "\_B" OR MORE IN FUTURE

| INSPECTION BALLOON NUMBER LOG |  |  |  |
|-------------------------------|--|--|--|
| PER DRAWING REVISION: E4      |  |  |  |
| LAST BALLOON NUMBER: 17       |  |  |  |
| ADDED BALLOON NUMBER: NONE    |  |  |  |
| DELETED BALLOON NUMBER: NONE  |  |  |  |

|                                                                        |                                                                                                                                               |                            |                                                                                                                                                                  |                                        |  |  |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--|--|
| FUNCTIONAL SYMBOLS<br>FA = 0<br>FC = 2<br>FP = 0<br>DIVISIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            | CURRENT REV DESC: SEE REVISION TABLE                                                                                                                             |                                        |  |  |
|                                                                        | DIMENSION UNITS<br>mm                                                                                                                         | SCALE<br>4:1               | STATUS: Production<br>DRWN: Manikya MD<br>CHK'D: Kenneth Dai<br>APPR: Ringo Hu<br>THIRD ANGLE PROJECTION<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                        |  |  |
|                                                                        | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                            |                                                                                                                                                                  |                                        |  |  |
|                                                                        | ANGULAR TOL                                                                                                                                   | ± °                        |                                                                                                                                                                  |                                        |  |  |
| 4 PLACES                                                               |                                                                                                                                               | ±                          | STATUS: Production<br>DRWN: Manikya MD<br>CHK'D: Kenneth Dai<br>APPR: Ringo Hu<br>THIRD ANGLE PROJECTION<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | 2026-02-16<br>2026-03-02<br>2026-03-04 |  |  |
| 3 PLACES                                                               |                                                                                                                                               | ±                          |                                                                                                                                                                  |                                        |  |  |
| 2 PLACES                                                               |                                                                                                                                               | ± 0.130                    |                                                                                                                                                                  |                                        |  |  |
| 1 PLACE                                                                |                                                                                                                                               | ± 0.25                     |                                                                                                                                                                  |                                        |  |  |
| 0 PLACES                                                               |                                                                                                                                               | ±                          |                                                                                                                                                                  |                                        |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                   |                                                                                                                                               | THIRD ANGLE PROJECTION     | DRAWING<br>D-SIZE                                                                                                                                                | SERIES<br>200505                       |  |  |
| DOCUMENT NUMBER<br>2005050000                                          |                                                                                                                                               | DOC TYPE<br>PSD            | DOC PART<br>000                                                                                                                                                  | REVISION<br>E4                         |  |  |
| MATERIAL NUMBER<br>SEE TABLE                                           |                                                                                                                                               | CUSTOMER<br>GENERAL MARKET |                                                                                                                                                                  | SHEET NUMBER<br>1 OF 4                 |  |  |

moLEX

STAK50H MODULAR HEADER VERT MULTIPLE BAY

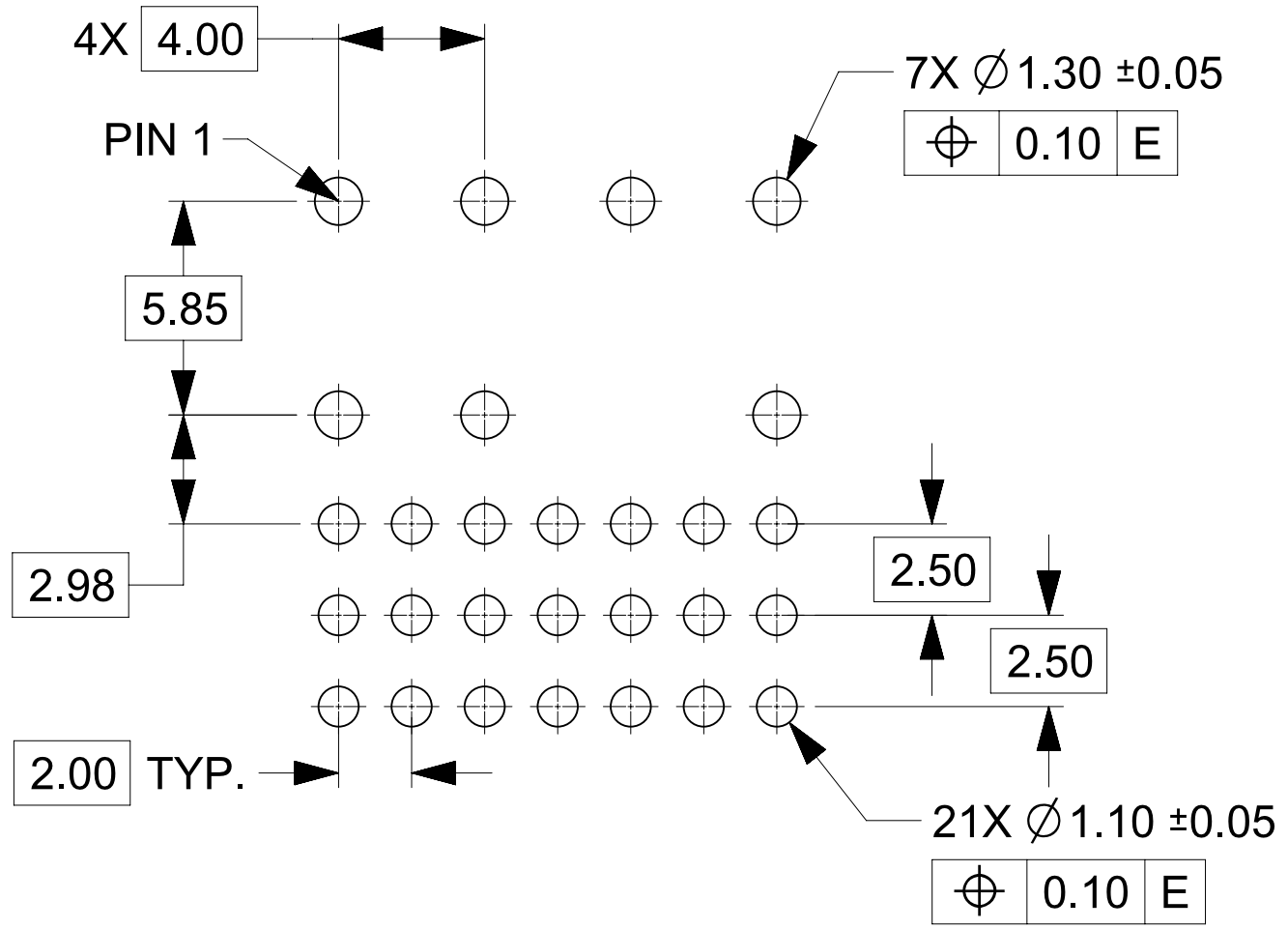
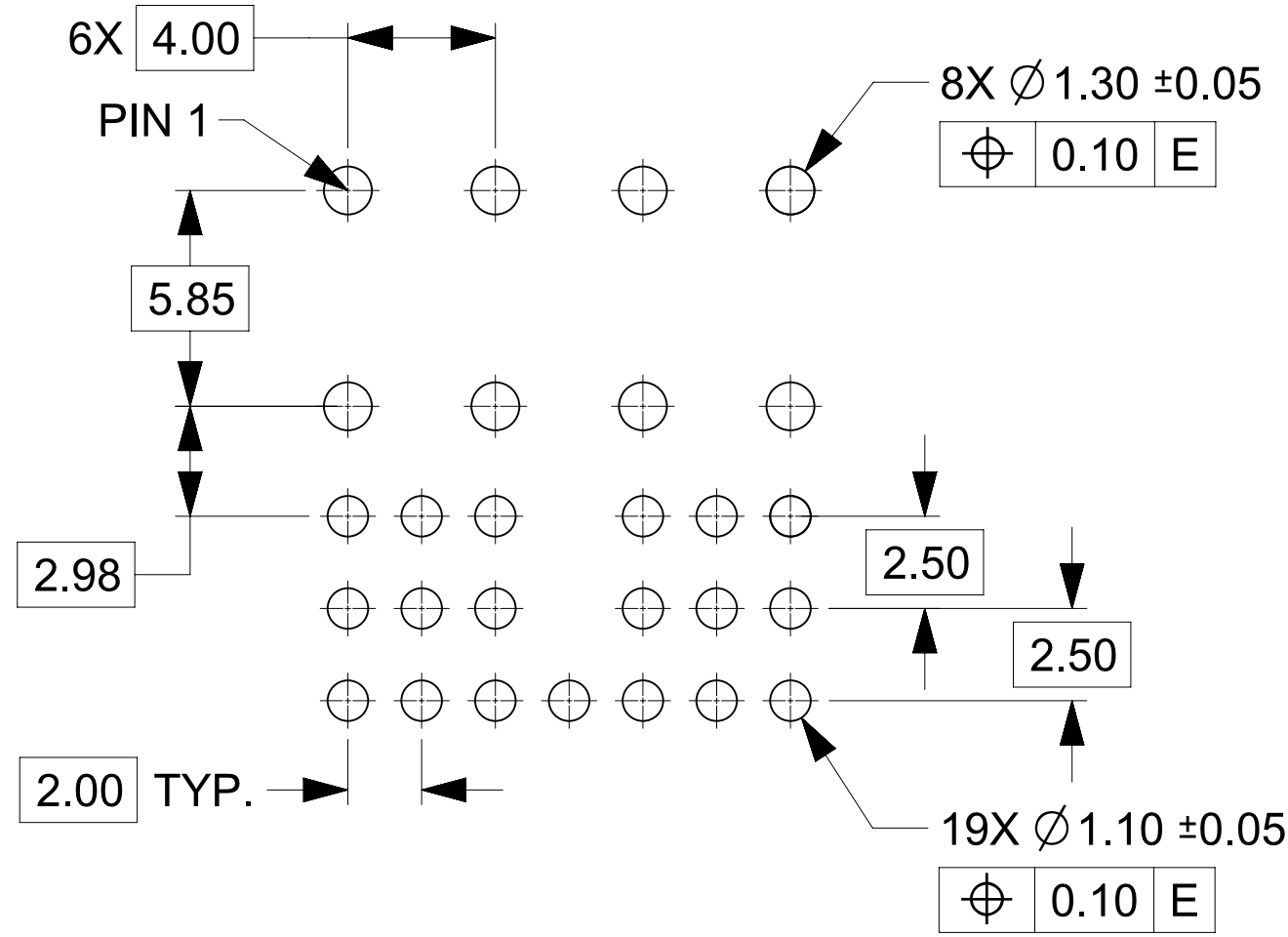
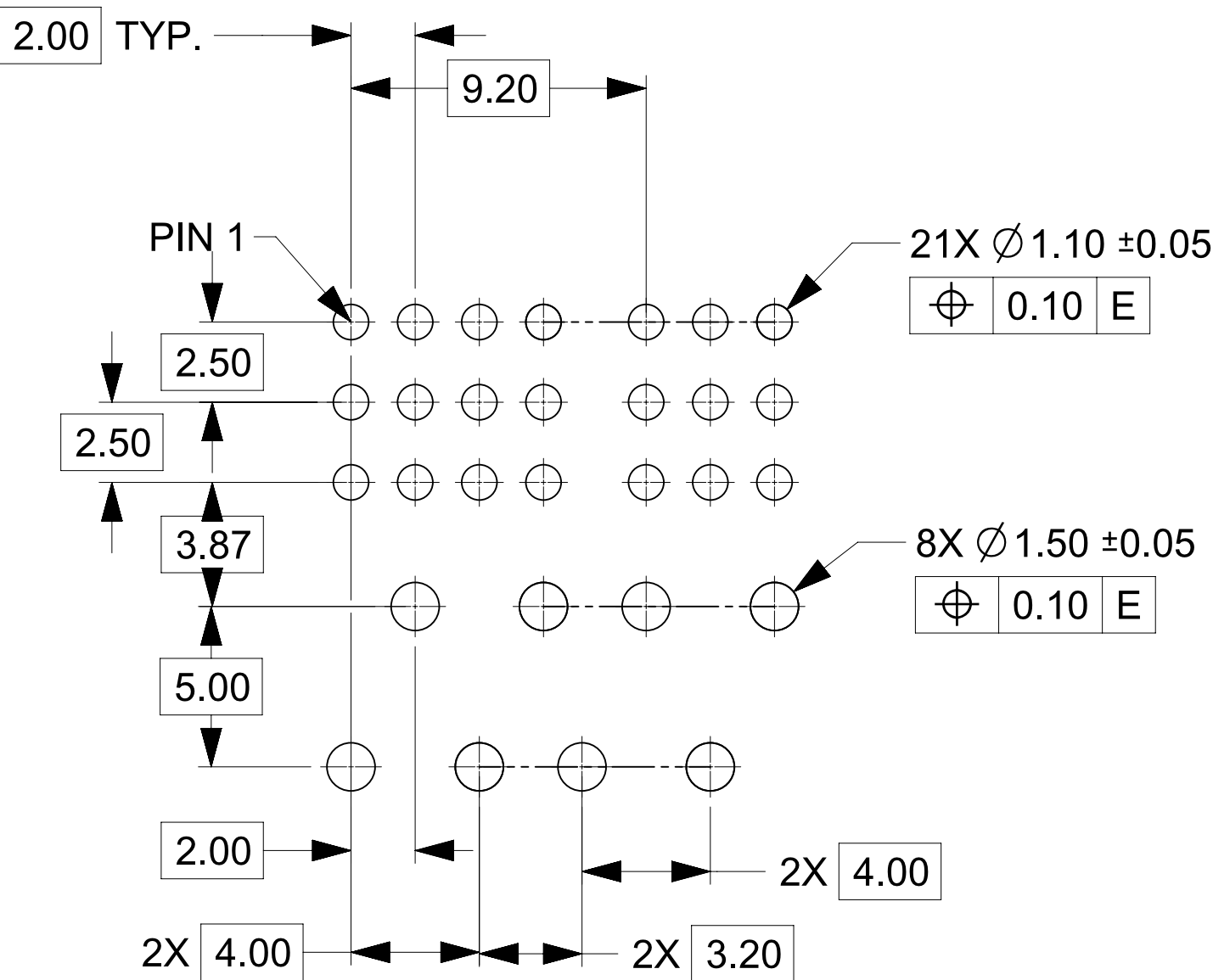
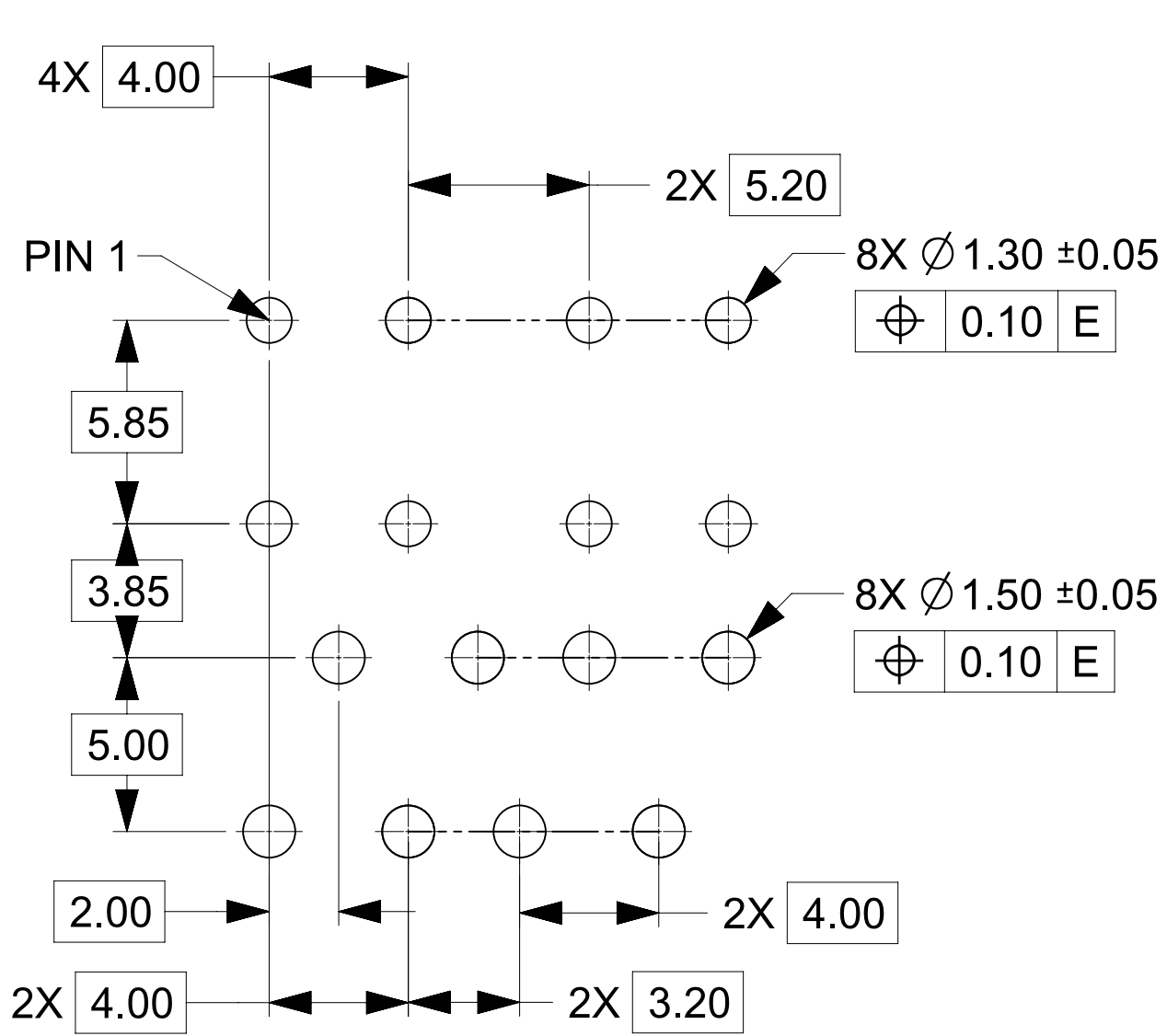
PRODUCT CUSTOMER DRAWING

| ASSEMBLY PART NO.<br>TUBE PACKAGING<br>2005058100 | ASSEMBLY PART NO.<br>TRAY PACKAGING<br>2005053013-PK | SINGLE BAY ASSEMBLY PART NUMBER PER LOCATION |            |              |              |              |              |              |
|---------------------------------------------------|------------------------------------------------------|----------------------------------------------|------------|--------------|--------------|--------------|--------------|--------------|
|                                                   |                                                      | 1                                            | 2          | 3            | 4            | 5            | 6            | 7            |
| 2005052003                                        | 2005052503                                           | 2005010281                                   | 2005010251 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005053001                                        | 2005053501                                           | 2005010271                                   | 2005010272 | 2005010321   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005054001                                        | 2005054501                                           | 2005010251                                   | 2005010281 | 2005010321   | 2005010282   | -----NA----- | -----NA----- | -----NA----- |
| 2005053002                                        | 2005053502                                           | 2005010271                                   | 2005010273 | 2005010322   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005053003                                        | 2005053503                                           | 2005010252                                   | 2005010271 | 2005010322   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052004                                        | 2005052005                                           | 2005010322                                   | 2005010122 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005053004                                        | 2005053013                                           | 2005010122                                   | 2005010322 | 2005010324   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052007                                        | 2005052507                                           | 2005010322                                   | 2005010324 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005053005                                        | 2005053505                                           | 2005010122                                   | 2005010281 | 2005010123   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005053009                                        | 2005053509                                           | 2005010121                                   | 2005010281 | 2005010251   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005056001                                        | 2005056501                                           | 2005010281                                   | 2005010322 | 2005010253   | 2005010122   | 2005010324   | 2005010273   | -----NA----- |
| 2005053010                                        | 2005053510                                           | 2005010321                                   | 2005010323 | 2005010324   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005053011                                        | 2005053511                                           | 2005010323                                   | 2005010324 | 2005010252   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005054002                                        | 2005054502                                           | 2005010321                                   | 2005010281 | 2005010251   | 2005010322   | -----NA----- | -----NA----- | -----NA----- |
| 2005052009                                        | 2005052509                                           | 2005010251                                   | 2005010252 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005055004                                        | 2005055504                                           | 2005010321                                   | 2005010322 | 2005010323   | 2005010324   | 2005010251   | -----NA----- | -----NA----- |
| 2005052011                                        | 2005052511                                           | 2005010252                                   | 2005010323 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052012                                        | 2005052512                                           | 2005010122                                   | 2005010322 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005053012                                        | 2005053512                                           | 2005010324                                   | 2005010322 | 2005010122   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052013                                        | 2005052513                                           | 2005010251                                   | 2005010271 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052014                                        | 2005052514                                           | 2005010271                                   | 2005010273 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052015                                        | 2005052017                                           | 2005010271                                   | 2005010251 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052016                                        | 2005052516                                           | 2005010321                                   | 2005010323 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052018                                        | 2005052518                                           | 2005010321                                   | 2005010322 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052019                                        | 2005052519                                           | 2005010122                                   | 2005010254 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052020                                        | 2005052520                                           | 2005010123                                   | 2005010252 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005053014                                        | 2005053514                                           | 2005010324                                   | 2005010323 | 2005010322   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005053015                                        | 2005053515                                           | 2005010324                                   | 2005010281 | 2005010271   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005055005                                        | 2005055505                                           | 2005010123                                   | 2005010252 | 2005010251   | 2005010322   | 2005010321   | -----NA----- | -----NA----- |
| 2005052021                                        | 2005052521                                           | 2005010121                                   | 2005010271 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052022                                        | 2005052522                                           | 2005010253                                   | 2005010254 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005054003                                        | 2005054503                                           | 2005010283                                   | 2005010282 | 2005010253   | 2005010281   | -----NA----- | -----NA----- | -----NA----- |
| 2005053016                                        | 2005053516                                           | 2005010283                                   | 2005010253 | 2005010282   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052023                                        | 2005052523                                           | 2005010232                                   | 2005010323 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052024                                        | 2005052524                                           | 2005010231                                   | 2005010321 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052025                                        | 2005052525                                           | 2005010122                                   | 2005010271 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005055006                                        | 2005055506                                           | 2005010274                                   | 2005010273 | 2005010251   | 2005010272   | 2005010121   | -----NA----- | -----NA----- |
| 2005055007                                        | 2005055507                                           | 2005010121                                   | 2005010323 | 2005010251   | 2005010273   | 2005010274   | -----NA----- | -----NA----- |
| 2005053017                                        | 2005053517                                           | 2005010281                                   | 2005010121 | 2005010124   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005053018                                        | 2005053518                                           | 2005010121                                   | 2005010124 | 2005010323   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052026                                        | 2005052526                                           | 2005010271                                   | 2005010122 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005053019                                        | 2005053519                                           | 2005010281                                   | 2005010282 | 2005010283   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052027                                        | 2005052527                                           | 2005010321                                   | 2005010281 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005053020                                        | 2005053520                                           | 2005010122                                   | 2005010273 | 2005010324   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005053021                                        | 2005053521                                           | 2005010324                                   | 2005010273 | 2005010122   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052028                                        | 2005052528                                           | 2005010324                                   | 2005010273 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005052029                                        | 2005052529                                           | 2005010273                                   | 2005010324 | -----NA----- | -----NA----- | -----NA----- | -----NA----- | -----NA----- |
| 2005053022                                        | 2005053522                                           | 2005010271                                   | 2005010273 | 2005010122   | -----NA----- | -----NA----- | -----NA----- | -----NA----- |

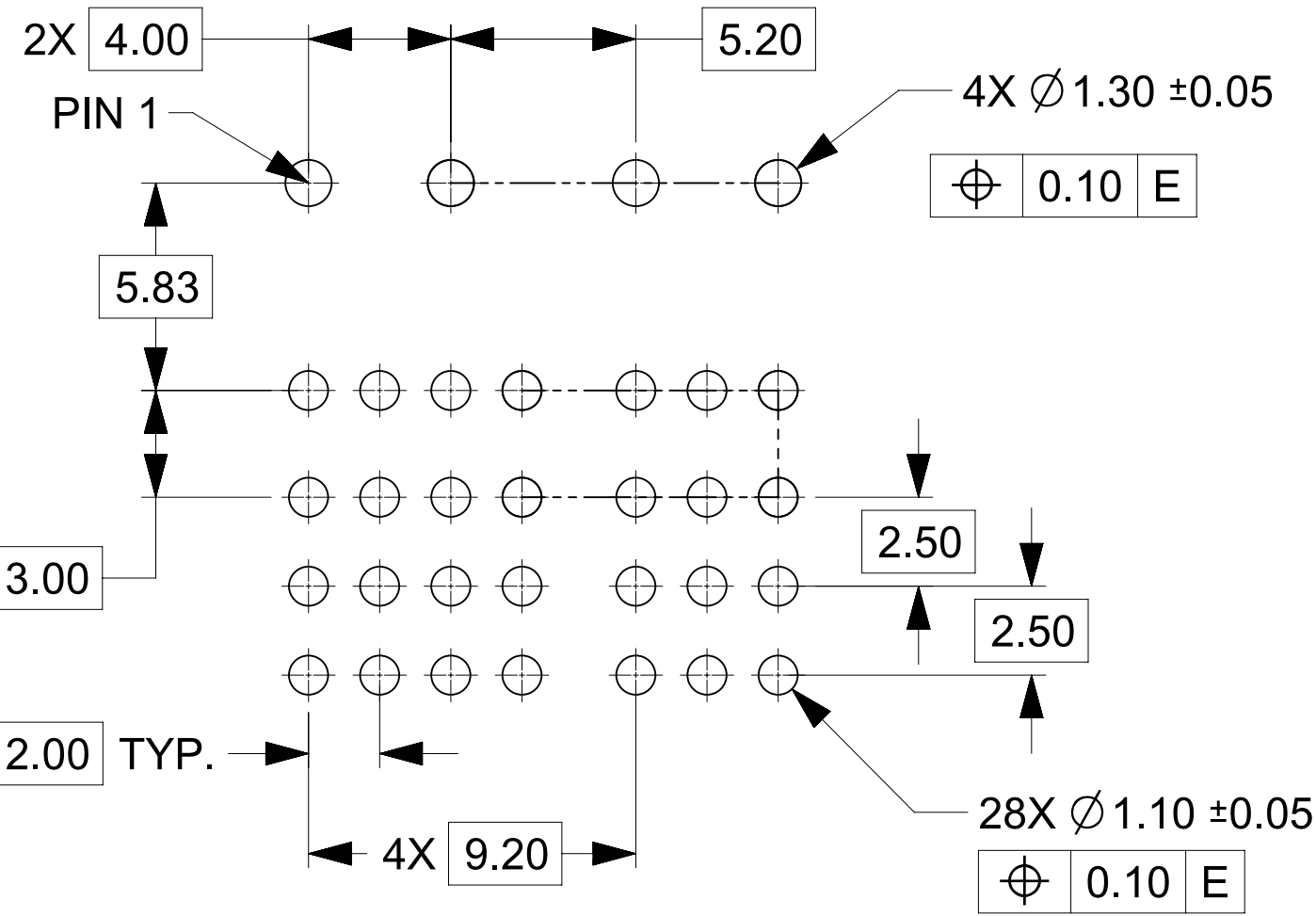
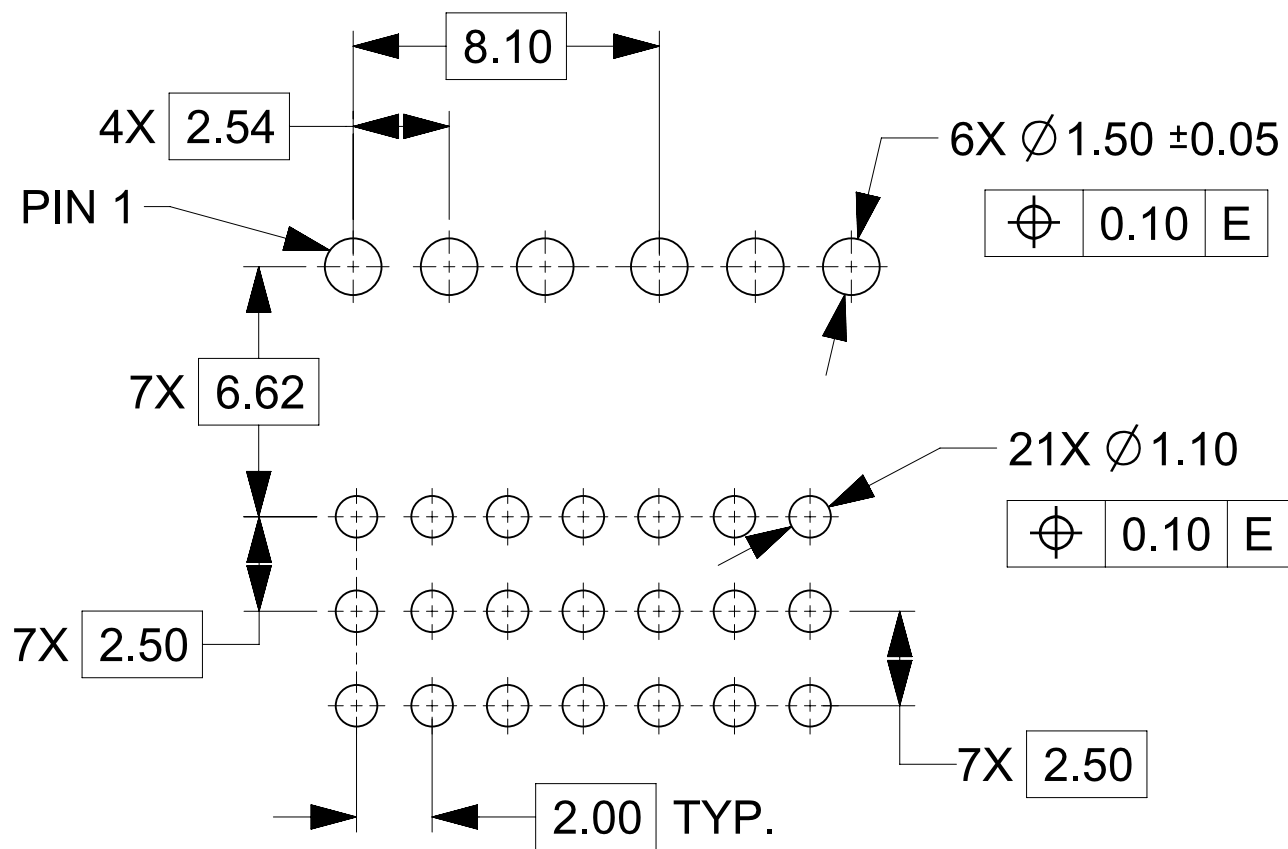
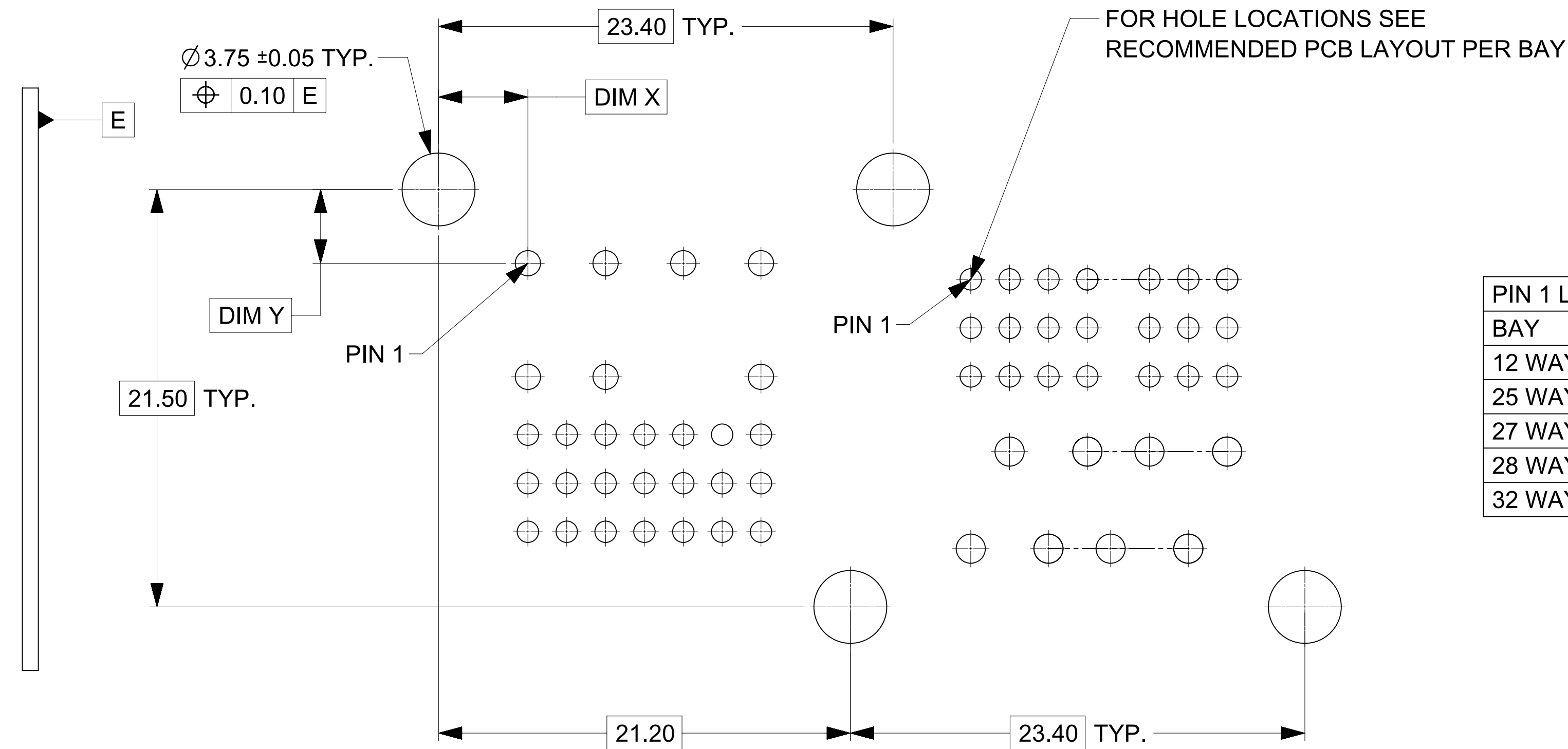
| SINGLE BAY ASSEMBLY           | DRAWING      | INTERFACE<br>DRAWING | TERMINAL<br>QUANTITIES |       |       |
|-------------------------------|--------------|----------------------|------------------------|-------|-------|
|                               |              |                      | 0.5mm                  | 1.2mm | 2.8mm |
| 2005010121 THROUGH 2005010124 | 2005011120SD | SD-160026-002        |                        | 8     | 4     |
| 2005010251 THROUGH 2005010254 | 2005011250SD | SD-160027-002        | 21                     |       | 4     |
| 2005010271 THROUGH 2005010274 | 2005011270SD | SD-160029-002        | 19                     | 8     |       |
| 2005010281 THROUGH 2005010284 | 2005011280SD | SD-160014-002        | 21                     | 7     |       |
| 2005010321 THROUGH 2005010324 | 2005011320SD | SD-160028-002        | 28                     | 4     |       |

|          |                                                                                                                                           |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------|
| E4       | ADDED PNs 2005053022 & 2005053522                                                                                                         |
| E3       | ADDED PNs 2005052029 & 2005052529                                                                                                         |
| E2       | ADDED PNs<br>2005053020,2005053021,2005052028,<br>2005053520,2005053521,2005052528                                                        |
| E1       | ADDED PNs 2005052027 & 2005052527                                                                                                         |
| E        | NOTES 1.2 AND 2.2 UPDATED                                                                                                                 |
| D10      | ADDED PNs 2005053019 & 2005053519                                                                                                         |
| D9       | ADDED PNs 2005055006, 2005055506,<br>2005055007, 2005055507,<br>2005053017,2005053517, 2005053018,<br>2005053518, 2005052026 & 2005052526 |
| D8       | ADDED PNs 2005052025 & 2005052525                                                                                                         |
| D7       | ADDED VALUE FOR DATUM B, UPDATED<br>NOTE 3.8, ADDED 23W CONFIGURATION                                                                     |
| D6       | ADDED PNs 2005052024 & 2005052524                                                                                                         |
| D5       | ADDED PNs 2005052023 & 2005052523                                                                                                         |
| D4       | ADDED PN 2005053016                                                                                                                       |
| D3       | ADDED PN 2005054003                                                                                                                       |
| D2       | ADDED PNs 2005053005 & 2005053505                                                                                                         |
| D1       | TYPO ERROR WAS IN BOM TABLE                                                                                                               |
| D        | UPDATED THE PACKAGING DRAWING                                                                                                             |
| C18      | ADDED PN 2005052022                                                                                                                       |
| C17      | CHANGE IN BOM OF PN 2005053015                                                                                                            |
| C16      | ADDED PN 2005052021                                                                                                                       |
| C15      | ADDED PNs 2005053015 AND 2005055005                                                                                                       |
| C14      | ADDED PNs 2005053013 AND 2005052017 FOR<br>TRAY PKG<br>2005052018, 2005052019, 2005052020 AND<br>2005053014 FOR TUBE PKG                  |
| C13      | ADDED PN 2005052016                                                                                                                       |
| C12      | ADDED PNs 2005052014 AND 2005052015                                                                                                       |
| C11      | ADDED PN 2005052013<br>11-NOV-2021, ECN: 684964                                                                                           |
| C10      | NOTE 4.3 UPDATED                                                                                                                          |
| C9       | CHANGE SINGLE BAY PN FROM 2005010322,<br>2005010322 TO 2005010122, 2005010322 FOR<br>MULTI-BAY PN 2005052012                              |
| C8       | ADDED PN 2005053012<br>21-APRIL-2021, ECN: 661591                                                                                         |
| C7       | ADDED PN 2005052012<br>24-JULY-2020 MKP ECN:642177                                                                                        |
| C6       | ADDED PCB HOLE DIMENSIONAL &<br>POSITIONAL TOLERANCE<br>11-JUNE-2020 YPENG47 ECN:639277                                                   |
| C5       | ADDED BALLOON #17 AND TOLERANCE<br>ADDED PN 2005052011 ECN 638696                                                                         |
| C4       | ADDED PART NUMBER 2005055004<br>ECN 615503                                                                                                |
| C3       | ADDED PART NUMBER 2005052009<br>ECN 610976                                                                                                |
| C2       | ADDED PACKAGING COLUMN TO CHART                                                                                                           |
| C1       | ADDED NOTE 2.3. ADDED PART<br>NUMBERS. ECN 602740.                                                                                        |
| C        | INTERFACE GEOMETRY CHANGE TO<br>LOCK TAB. SAP ECN 10906786.                                                                               |
| REVISION | DESCRIPTION                                                                                                                               |

|                    |                                                                                                                                               |  |         |  |                                                                                                                 |        |          |                                          |                |          |          |          |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|---------|--|-----------------------------------------------------------------------------------------------------------------|--------|----------|------------------------------------------|----------------|----------|----------|----------|
| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |         |  |                                                                                                                 |        |          |                                          |                |          |          |          |
|                    | DIMENSION UNITS                                                                                                                               |  | SCALE   |  | CURRENT REV DESC: SEE REVISION TABLE                                                                            |        |          | <div>molex</div>                         |                |          |          |          |
|                    | mm                                                                                                                                            |  | 1:1     |  |                                                                                                                 |        |          |                                          |                |          |          |          |
|                    | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |         |  |                                                                                                                 |        |          | STAK50H MODULAR HEADER VERT MULTIPLE BAY |                |          |          |          |
| ANGULAR TOL ± °    |                                                                                                                                               |  |         |  |                                                                                                                 |        |          |                                          |                |          |          |          |
| DIVISIONAL SYMBOLS | 0 PLACES                                                                                                                                      |  | ±       |  | STATUS: Production<br>DRWN: Manikya MD 2026-02-16<br>CHK'D: Kenneth Dai 2026-03-02<br>APPR: Ringo Hu 2026-03-04 |        |          | PRODUCT CUSTOMER DRAWING                 |                |          |          |          |
|                    | 3 PLACES                                                                                                                                      |  | ±       |  |                                                                                                                 |        |          | DOCUMENT NUMBER                          |                | DOC TYPE | DOC PART | REVISION |
|                    | 2 PLACES                                                                                                                                      |  | ± 0.130 |  |                                                                                                                 |        |          | 2005050000                               |                | PSD      | 000      | E4       |
|                    | 1 PLACE                                                                                                                                       |  | ± 0.25  |  |                                                                                                                 |        |          |                                          |                |          |          |          |
|                    | 0 PLACES                                                                                                                                      |  | ±       |  | MATERIAL NUMBER                                                                                                 |        | CUSTOMER |                                          | SHEET NUMBER   |          |          |          |
|                    | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |  |         |  | THIRD ANGLE PROJECTION                                                                                          |        | DRAWING  | SERIES                                   |                |          |          |          |
|                    |                                                                                                                                               |  |         |  |                                                                                                                 | D-SIZE | 200505   | SEE TABLE                                | GENERAL MARKET | 2 OF 4   |          |          |



RECOMMENDED PCB LAYOUT FOR MULTIPLE BAY HEADER  
FOR REFERENCE ONLY  
INSERT NECESSARY BAYS  
USING CHART ON SHEET 1



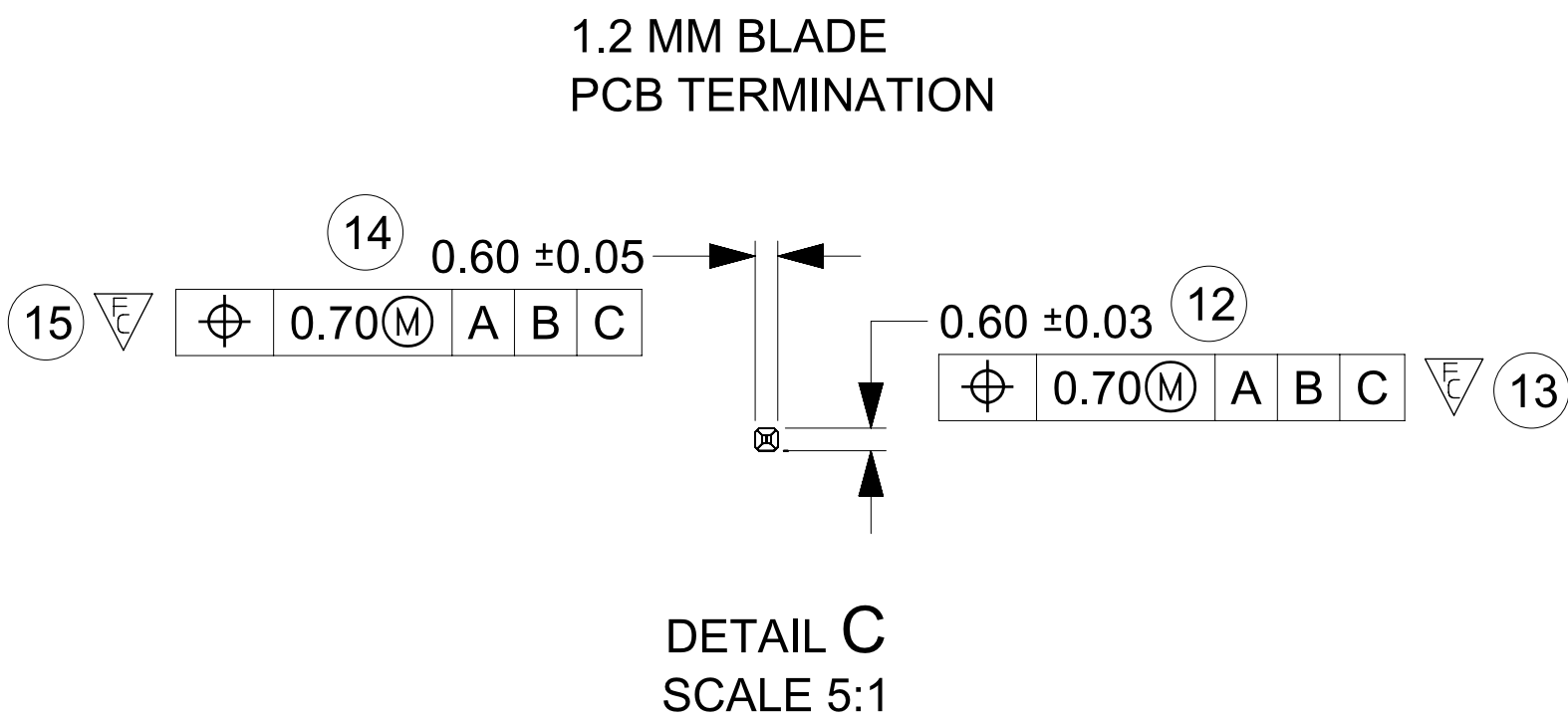
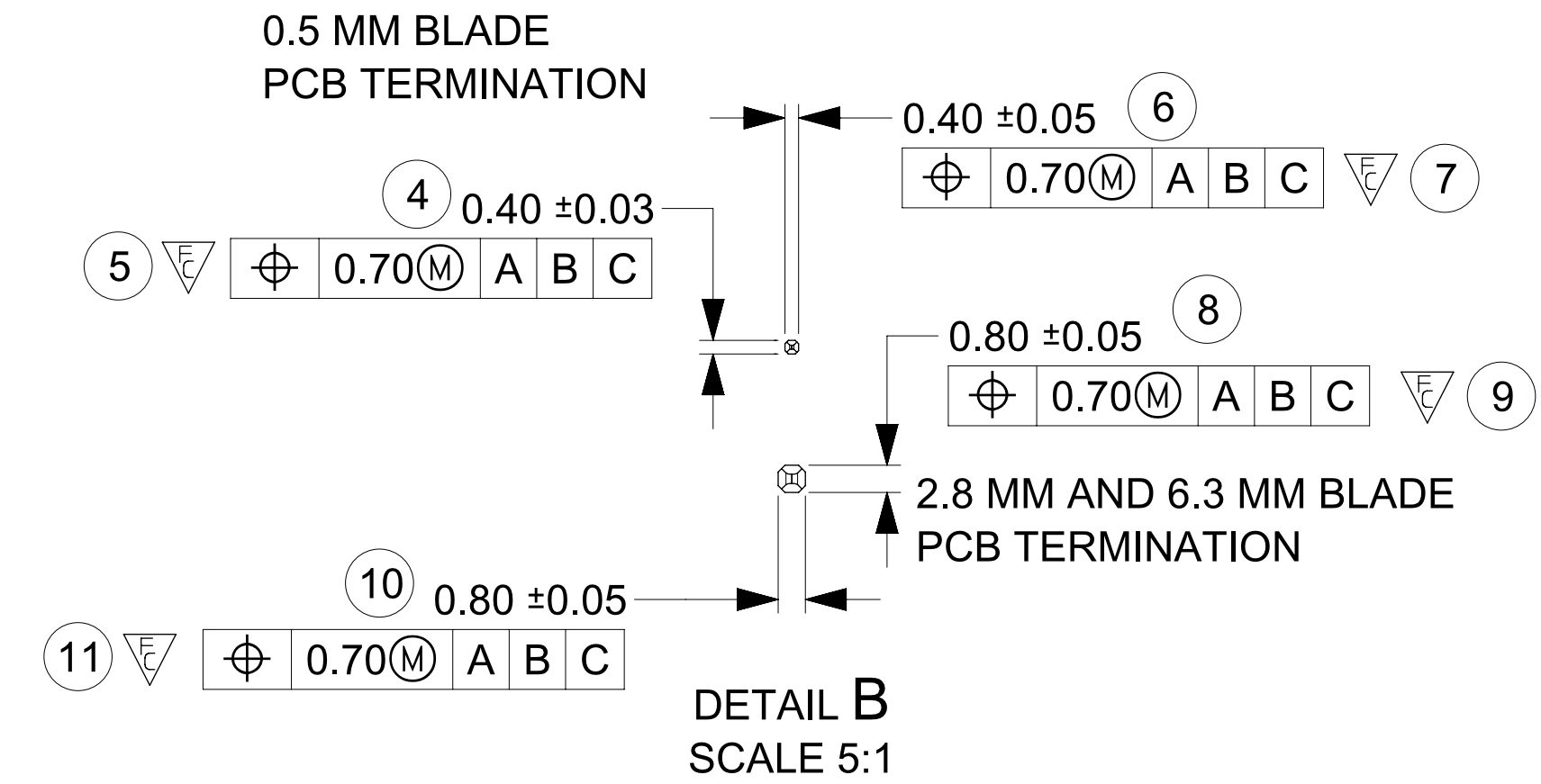
| PIN 1 LOCATION CHART |       |       |
|----------------------|-------|-------|
| BAY                  | DIM X | DIM Y |
| 12 WAY               | 4.0   | 3.8   |
| 25 WAY               | 4.0   | 4.63  |
| 27 WAY               | 4.6   | 3.8   |
| 28 WAY               | 4.6   | 3.8   |
| 32 WAY               | 4.0   | 3.8   |

|                                                                        |                                                                                                                                               |              |                                                                                                                          |                  |                              |  |  |  |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------|--|--|--|
| FUNCTIONAL SYMBOLS<br>FA = 0<br>FC = 0<br>FP = 0<br>DIVISIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              | CURRENT REV DESC: SEE REVISION TABLE                                                                                     |                  |                              |  |  |  |
|                                                                        | DIMENSION UNITS<br>mm                                                                                                                         | SCALE<br>5:1 | STATUS: Production<br>DRWN: Manikya MD<br>CHK'D: Kenneth Dai<br>APPR: Ringo Hu<br>2026-02-16<br>2026-03-02<br>2026-03-04 |                  |                              |  |  |  |
|                                                                        | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |              |                                                                                                                          |                  |                              |  |  |  |
|                                                                        | ANGULAR TOL ± °                                                                                                                               |              |                                                                                                                          |                  |                              |  |  |  |
| 4 PLACES ±                                                             |                                                                                                                                               |              | DRAWING<br>D-SIZE                                                                                                        | SERIES<br>200505 | MATERIAL NUMBER<br>SEE TABLE |  |  |  |
| 3 PLACES ±                                                             |                                                                                                                                               |              |                                                                                                                          |                  |                              |  |  |  |
| 2 PLACES ± 0.130                                                       |                                                                                                                                               |              |                                                                                                                          |                  |                              |  |  |  |
| 1 PLACE ± 0.25                                                         |                                                                                                                                               |              |                                                                                                                          |                  |                              |  |  |  |
| 0 PLACES ±                                                             |                                                                                                                                               |              | THIRD ANGLE PROJECTION                                                                                                   |                  | CUSTOMER<br>GENERAL MARKET   |  |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                   |                                                                                                                                               |              | SHEET NUMBER<br>3 OF 4                                                                                                   |                  |                              |  |  |  |
|                                                                        |                                                                                                                                               |              |                                                                                                                          |                  |                              |  |  |  |
|                                                                        |                                                                                                                                               |              |                                                                                                                          |                  |                              |  |  |  |

STAK50H MODULAR HEADER VERT MULTIPLE BAY

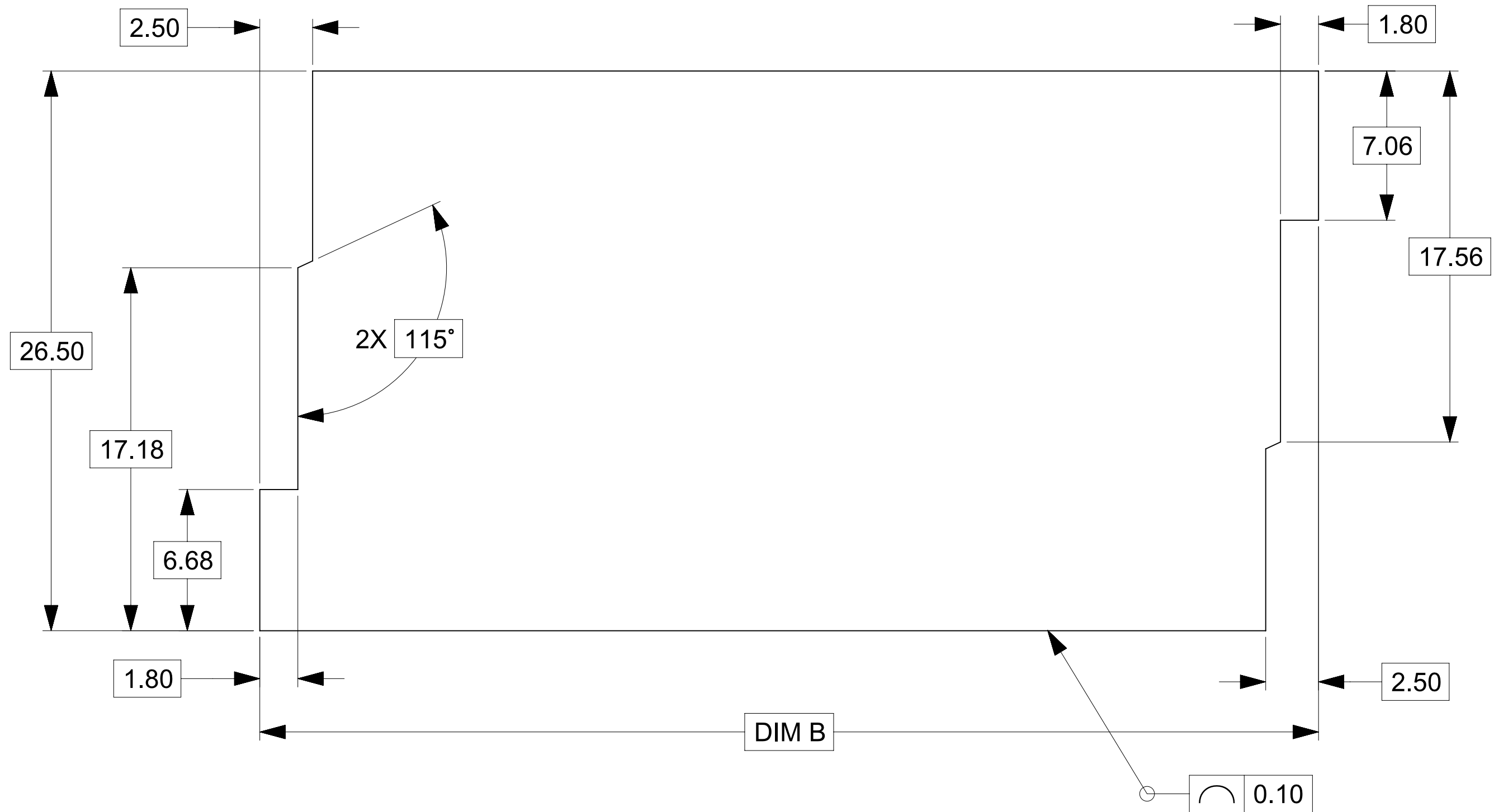
PRODUCT CUSTOMER DRAWING

|                 |          |          |          |
|-----------------|----------|----------|----------|
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
| 2005050000      | PSD      | 000      | E4       |



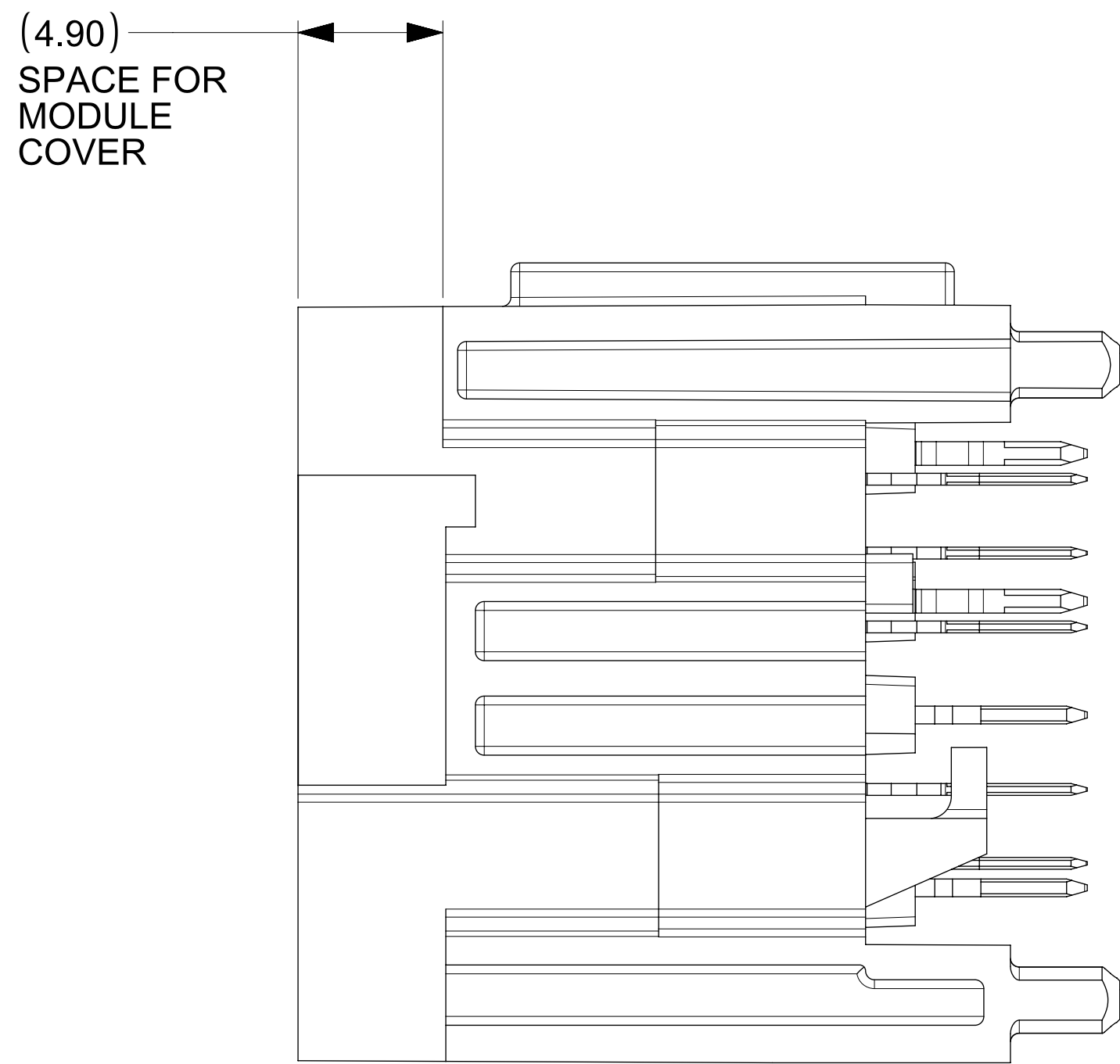
TYPICAL PCB TERMINATIONS  
SIZE AND TRUE POSITION TOLERANCES  
SEE INDIVIDUAL SINGLE BAY DRAWINGS FOR LOCATIONS (CHART ON SHEET 1)  
PARTS TO BE INSPECTED WITH CCD INSPECT  
SEE NOTE 3.8

RECOMMENDED MODULE OPENING  
TO PASS ISO 20653 IP-4  
FOR INDIVIDUAL CONNECTOR IP RATINGS SEE PRODUCT SPECIFICATION IN NOTE 1.2



| QTY BAYS | DIM B |
|----------|-------|
| 2        | 50.1  |
| 3        | 73.5  |
| 4        | 96.9  |
| 5        | 120.3 |
| 6        | 143.7 |
| 7        | 167.1 |

FOR PACKAGE SPACE FOR CONNECTOR  
UNMATED AND MATED WITH COVER  
SEE INTERFACE DRAWINGS (CHART ON SHEET 1)



|                                                                                     |                                                                                                                                               |                        |         |                  |                                      |            |  |                                                                  |  |                |  |              |  |          |  |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------|------------------|--------------------------------------|------------|--|------------------------------------------------------------------|--|----------------|--|--------------|--|----------|--|
| FUNCTIONAL SYMBOLS<br><br>F = 0<br><br>F = 6<br><br>F = 0<br><br>DIVISIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |         |                  |                                      |            |  |                                                                  |  |                |  |              |  |          |  |
|                                                                                     | DIMENSION UNITS                                                                                                                               |                        | SCALE   |                  | CURRENT REV DESC: SEE REVISION TABLE |            |  | <div>molex</div><br><br>STAK50H MODULAR HEADER VERT MULTIPLE BAY |  |                |  |              |  |          |  |
|                                                                                     | mm                                                                                                                                            |                        | 5:1     |                  |                                      |            |  |                                                                  |  |                |  |              |  |          |  |
|                                                                                     | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                        |         |                  |                                      |            |  |                                                                  |  |                |  |              |  |          |  |
|                                                                                     | ANGULAR TOL    ±    °                                                                                                                         |                        |         |                  |                                      |            |  |                                                                  |  |                |  |              |  |          |  |
|                                                                                     | 4 PLACES                                                                                                                                      |                        | ±       |                  |                                      |            |  |                                                                  |  |                |  |              |  |          |  |
|                                                                                     | 3 PLACES                                                                                                                                      |                        | ±       |                  |                                      |            |  |                                                                  |  |                |  |              |  |          |  |
|                                                                                     | 2 PLACES                                                                                                                                      |                        | ± 0.130 |                  |                                      |            |  |                                                                  |  |                |  |              |  |          |  |
|                                                                                     | 1 PLACE                                                                                                                                       |                        | ± 0.25  |                  |                                      |            |  |                                                                  |  |                |  |              |  |          |  |
|                                                                                     | 0 PLACES                                                                                                                                      |                        | ±       |                  |                                      |            |  |                                                                  |  |                |  |              |  |          |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                          |                                                                                                                                               | THIRD ANGLE PROJECTION |         | DRAWING          |                                      | SERIES     |  | MATERIAL NUMBER                                                  |  | CUSTOMER       |  | SHEET NUMBER |  |          |  |
|                                                                                     |                                                                                                                                               |                        |         | D-SIZE           |                                      | 200505     |  | SEE TABLE                                                        |  | GENERAL MARKET |  | 4 OF 4       |  |          |  |
|                                                                                     |                                                                                                                                               | STATUS: Production     |         | DRWN: Manikya MD |                                      | 2026-02-16 |  | DOCUMENT NUMBER                                                  |  | DOC TYPE       |  | DOC PART     |  | REVISION |  |
|                                                                                     |                                                                                                                                               | CHK'D: Kenneth Dai     |         |                  |                                      | 2026-03-02 |  | 2005050000                                                       |  | PSD            |  | 000          |  | E4       |  |
|                                                                                     |                                                                                                                                               | APPR: Ringo Hu         |         |                  |                                      | 2026-03-04 |  |                                                                  |  |                |  |              |  |          |  |