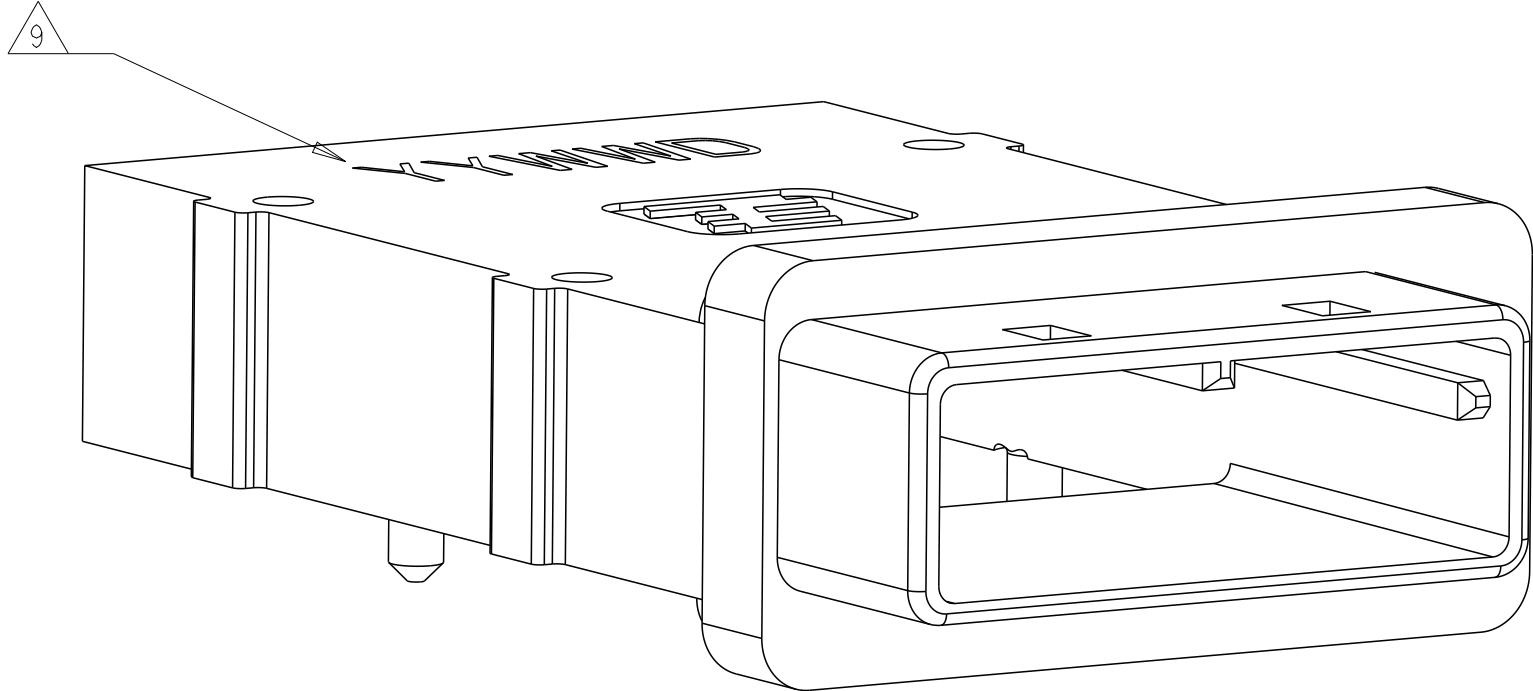
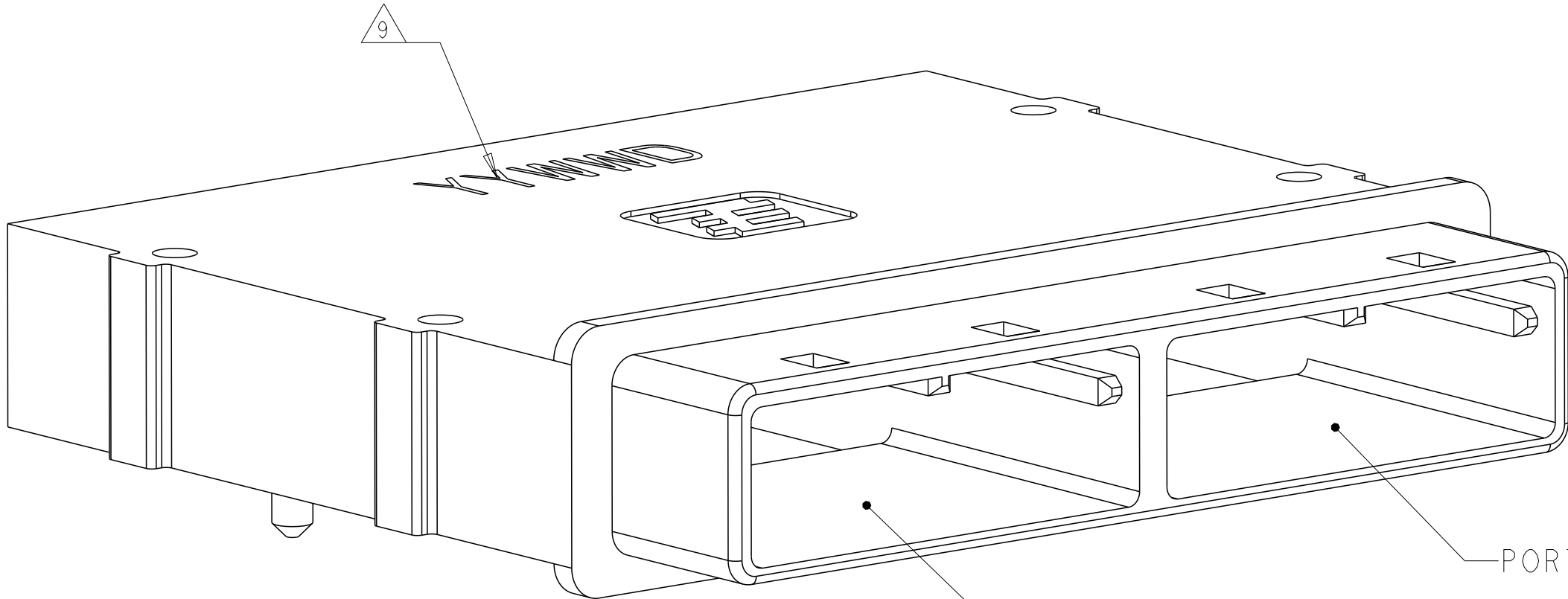


| LOC |    | DIST |     | REVISONS                     |           |     |      |  |
|-----|----|------|-----|------------------------------|-----------|-----|------|--|
| GP  | 00 | P    | LTR | DESCRIPTION                  | DATE      | DWN | APVD |  |
|     |    | A2   |     | REVISED PER ECO-11-004835    | 11MAR2011 | RK  | HMR  |  |
|     |    | B    |     | REVISED PER ECO-12-014113    | 02AUG2012 | JY  | AC   |  |
|     |    | C    |     | REVISED PER ECO-12-019905    | 04DEC2012 | CJV | DLG  |  |
|     |    | C1   |     | REVISED AS PER ECR-24-229978 | 16DEC2024 | MK  | JM   |  |



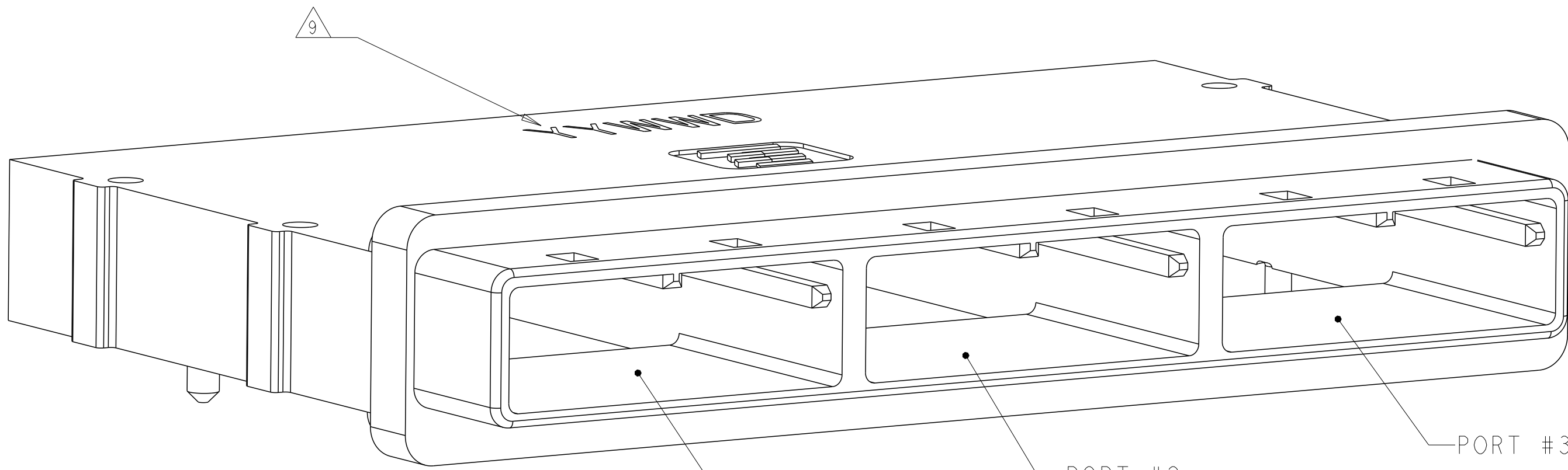
1888321-1  
SCALE 5:1



PORT #1

PORT #2

2-1888321-2  
NO GASKET  
SCALE 5:1

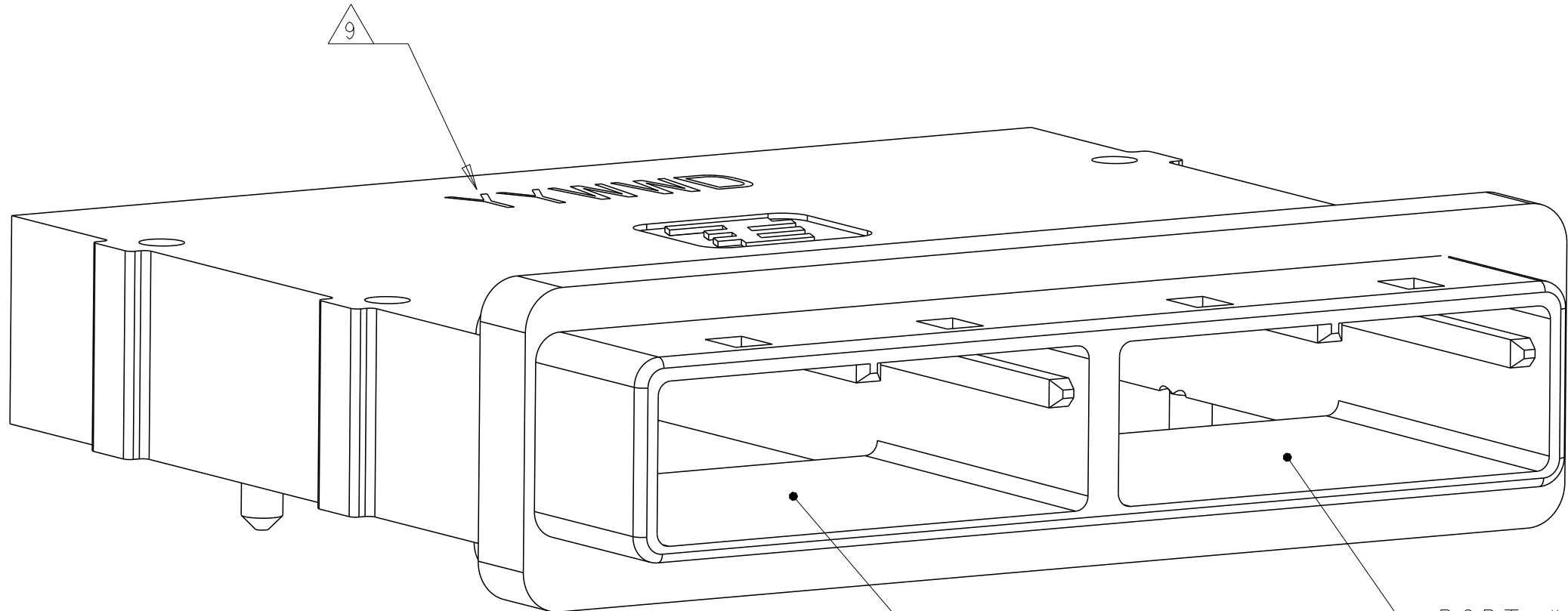


PORT #1

PORT #2

PORT #3

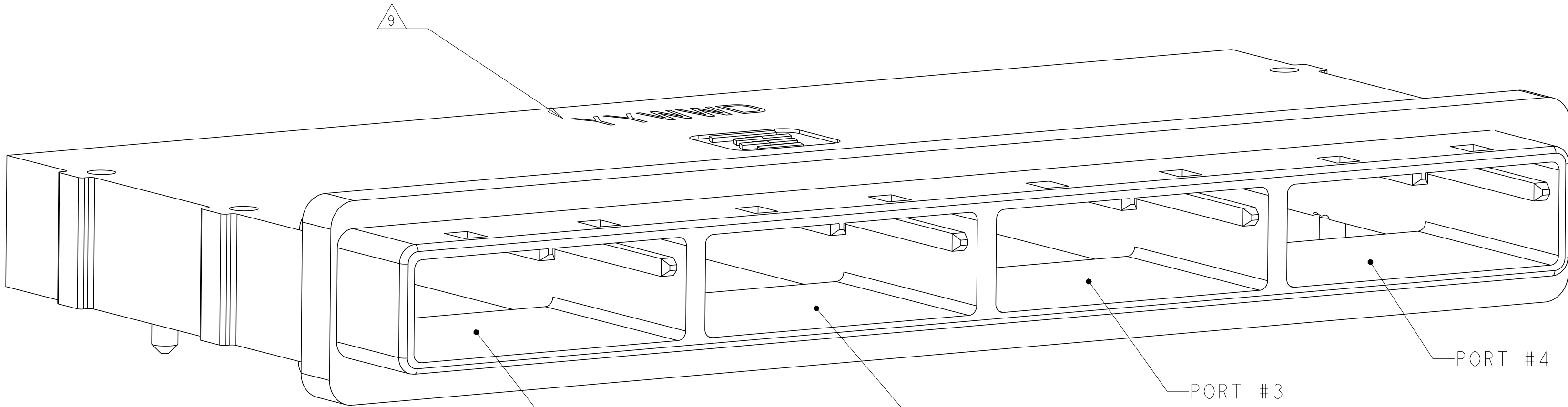
1888321-3  
SCALE 5:1



PORT #1

PORT #2

1888321-2  
SCALE 5:1



PORT #1

PORT #2

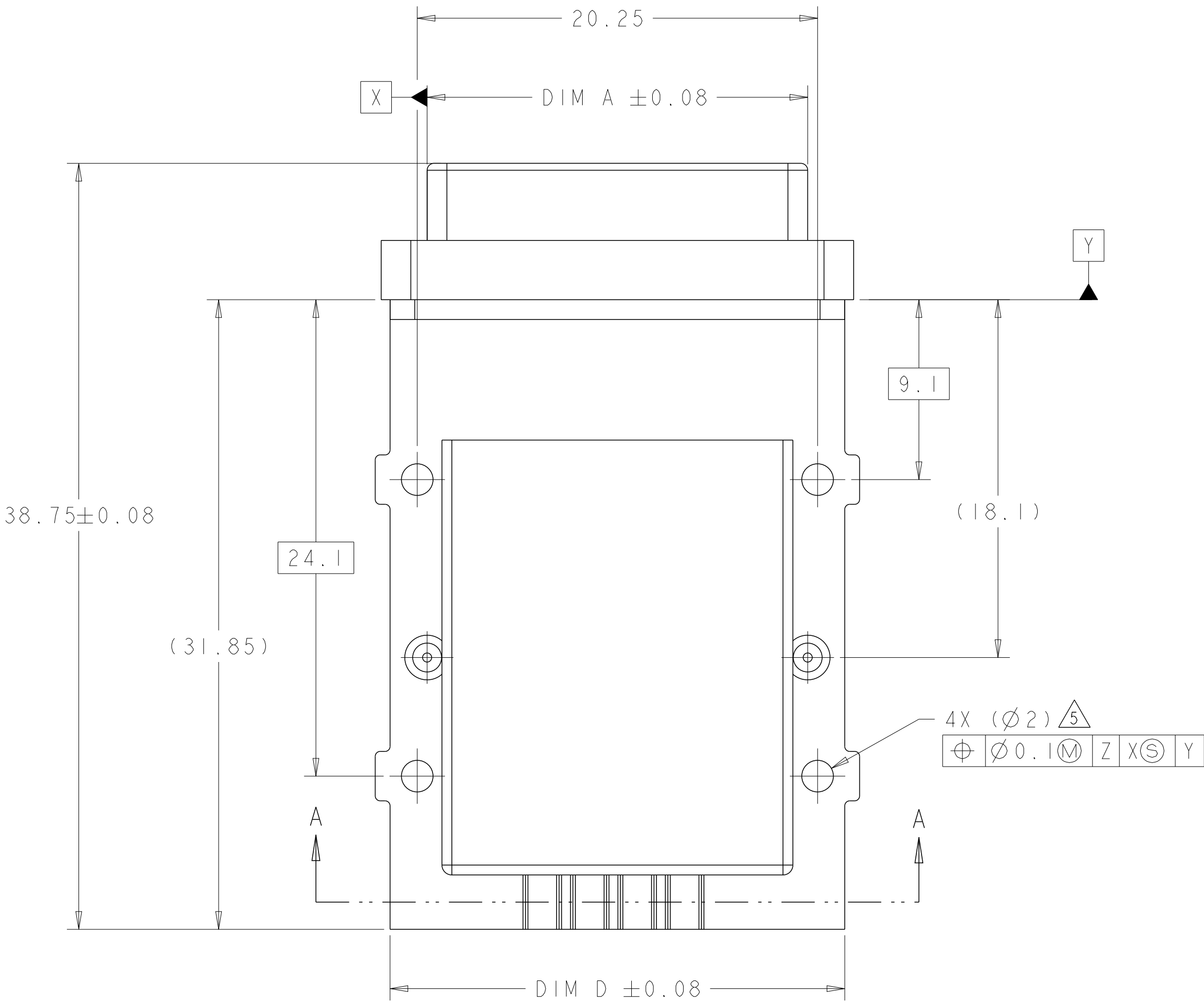
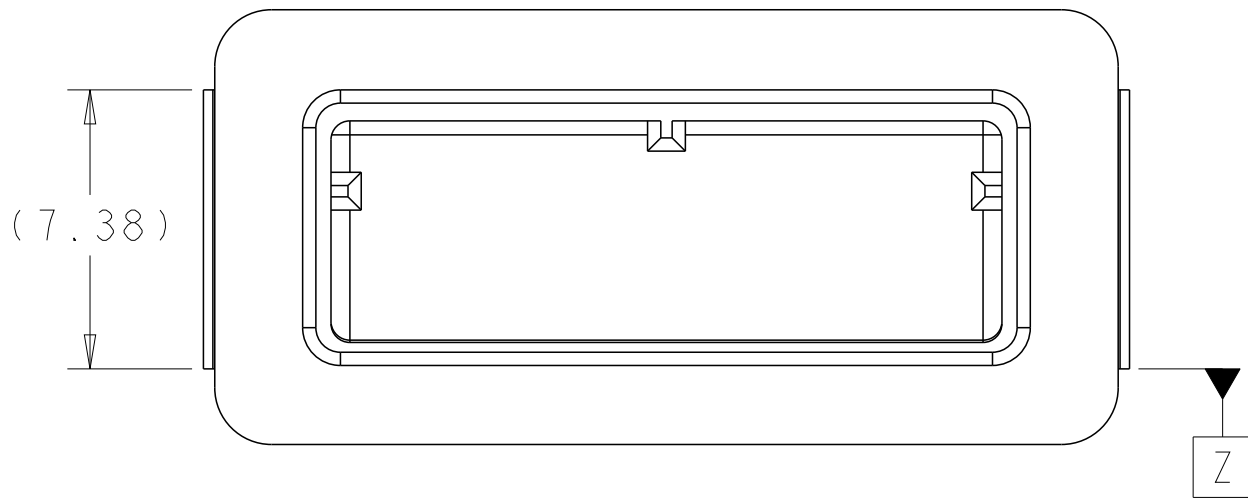
PORT #3

PORT #4

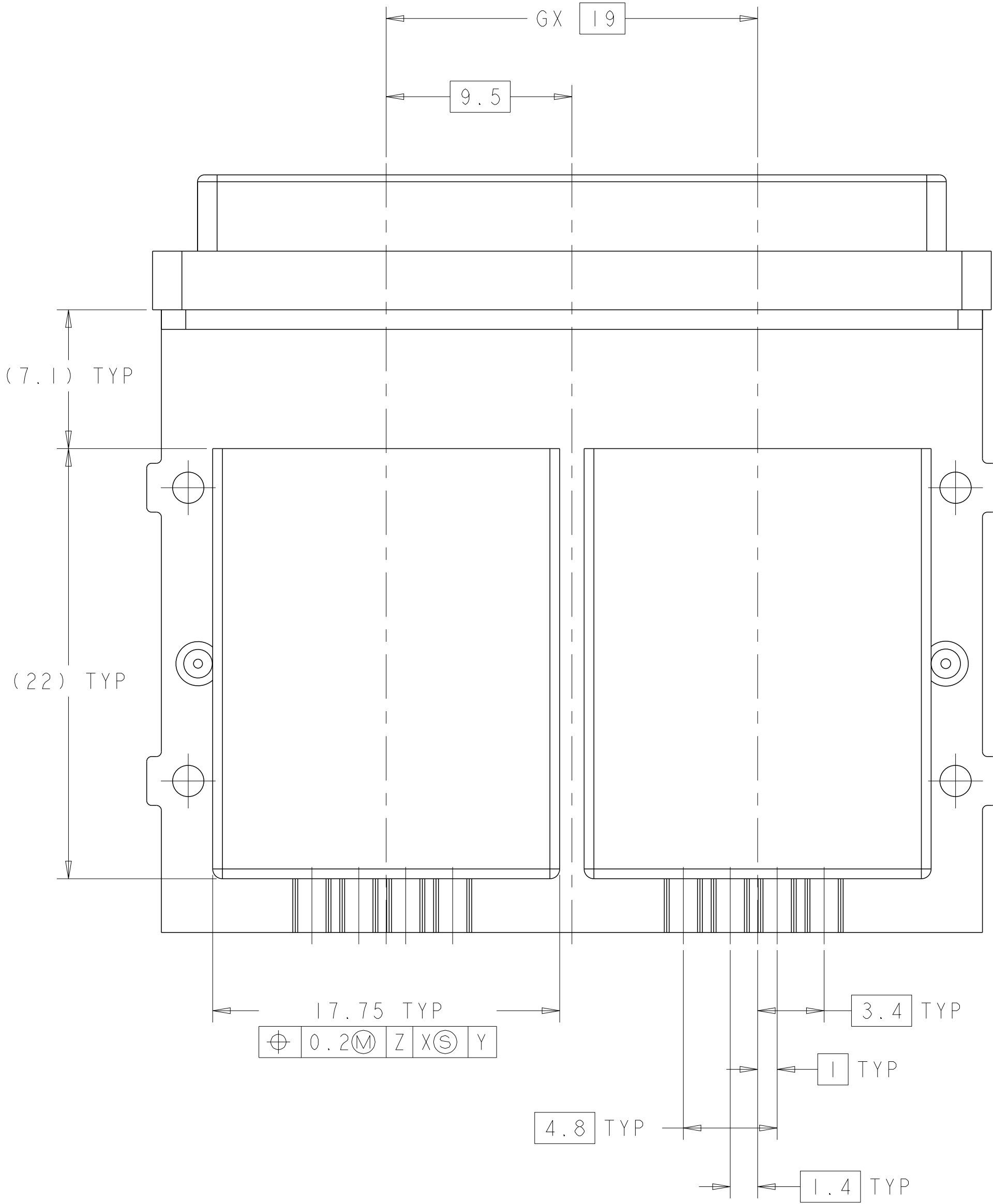
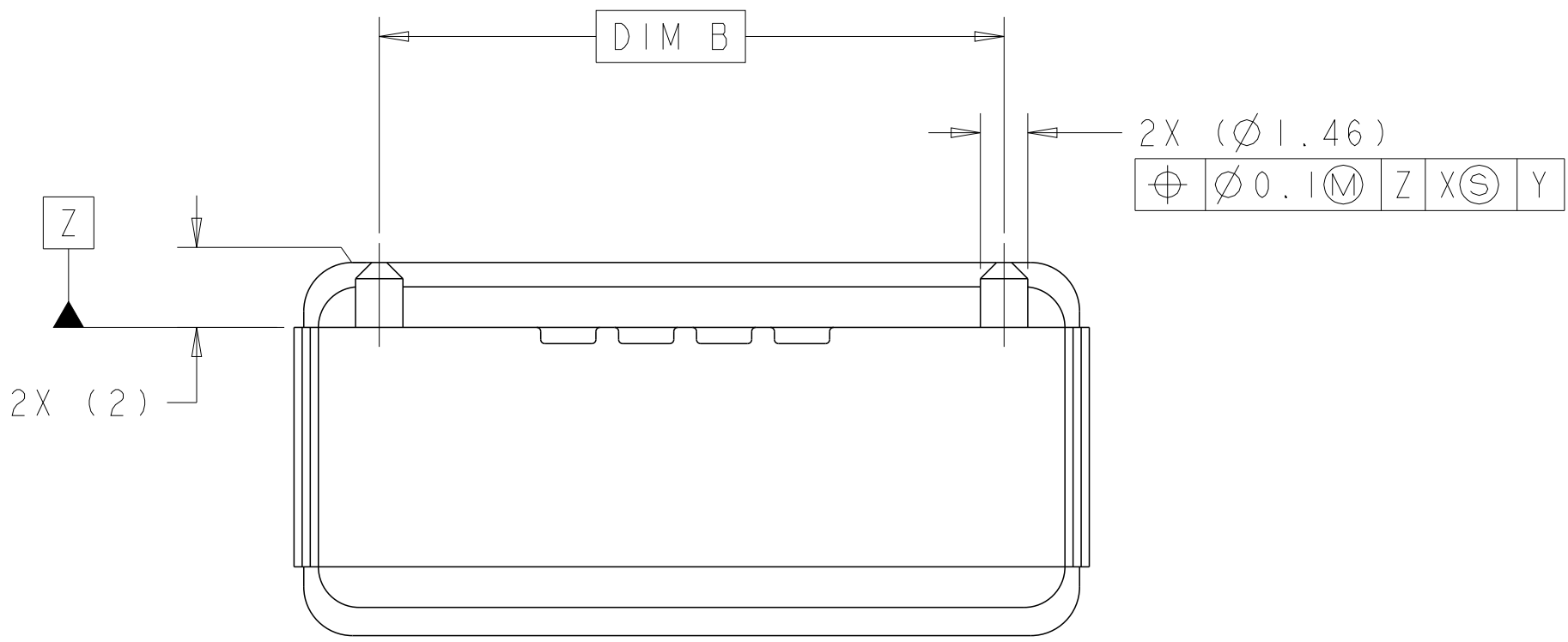
1888321-4  
SCALE 5:1

|                                                                                                |  |                                                              |                               |                                                                  |  |
|------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------|-------------------------------|------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.<br>DIMENSIONING AND TOLERANCING<br>PER ASME Y14.5M-2009 |  | DWN<br>J. POLIGNONE<br>CHK<br>D. GORENC<br>APVD<br>D. GORENC | 01AUG07<br>01AUG07<br>01AUG07 | TE Connectivity                                                  |  |
| DIMENSIONS:<br>mm                                                                              |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                    |                               | NAME<br>EVERCLEAR Mini-SAS EXTERNAL<br>RECEPTACLE SHELL ASSEMBLY |  |
| 0 PLC<br>1 PLC<br>2 PLC<br>3 PLC<br>4 PLC<br>ANGLES<br>FINISH                                  |  | ±.01<br>±.01<br>±.01<br>±.01<br>±.01<br>±.01<br>±.01         |                               | SIZE<br>A1                                                       |  |
| MATERIAL<br>SEE<br>NOTES                                                                       |  | APPLICATION SPEC<br>101-693                                  |                               | CAGE CODE<br>100779                                              |  |
|                                                                                                |  | WEIGHT<br>-                                                  |                               | DRAWING NO<br>1888321                                            |  |
|                                                                                                |  | Customer Drawing                                             |                               | RESTRICTED TO<br>-                                               |  |
|                                                                                                |  | SCALE<br>4:1                                                 |                               | SHEET<br>1 OF 4                                                  |  |
|                                                                                                |  |                                                              |                               | REV<br>C1                                                        |  |

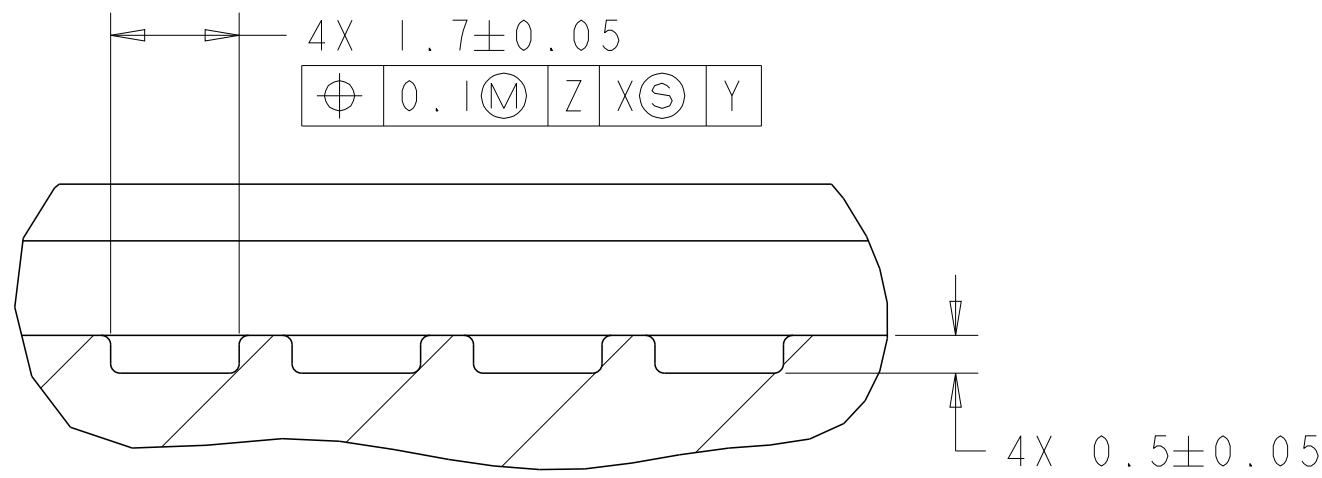
| LOC |  | DIST |  | REVISIONS |     |             |      |     |      |
|-----|--|------|--|-----------|-----|-------------|------|-----|------|
| GP  |  | 00   |  | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |  |      |  | -         |     | SEE SHEET 1 | -    | -   | -    |
|     |  |      |  |           |     |             |      |     |      |
|     |  |      |  |           |     |             |      |     |      |



RECOMMENDED SINGLE PORT LAYOUT  
SAME AS 1888321-1 EXCEPT AS SHOWN  
SCALE 5:1

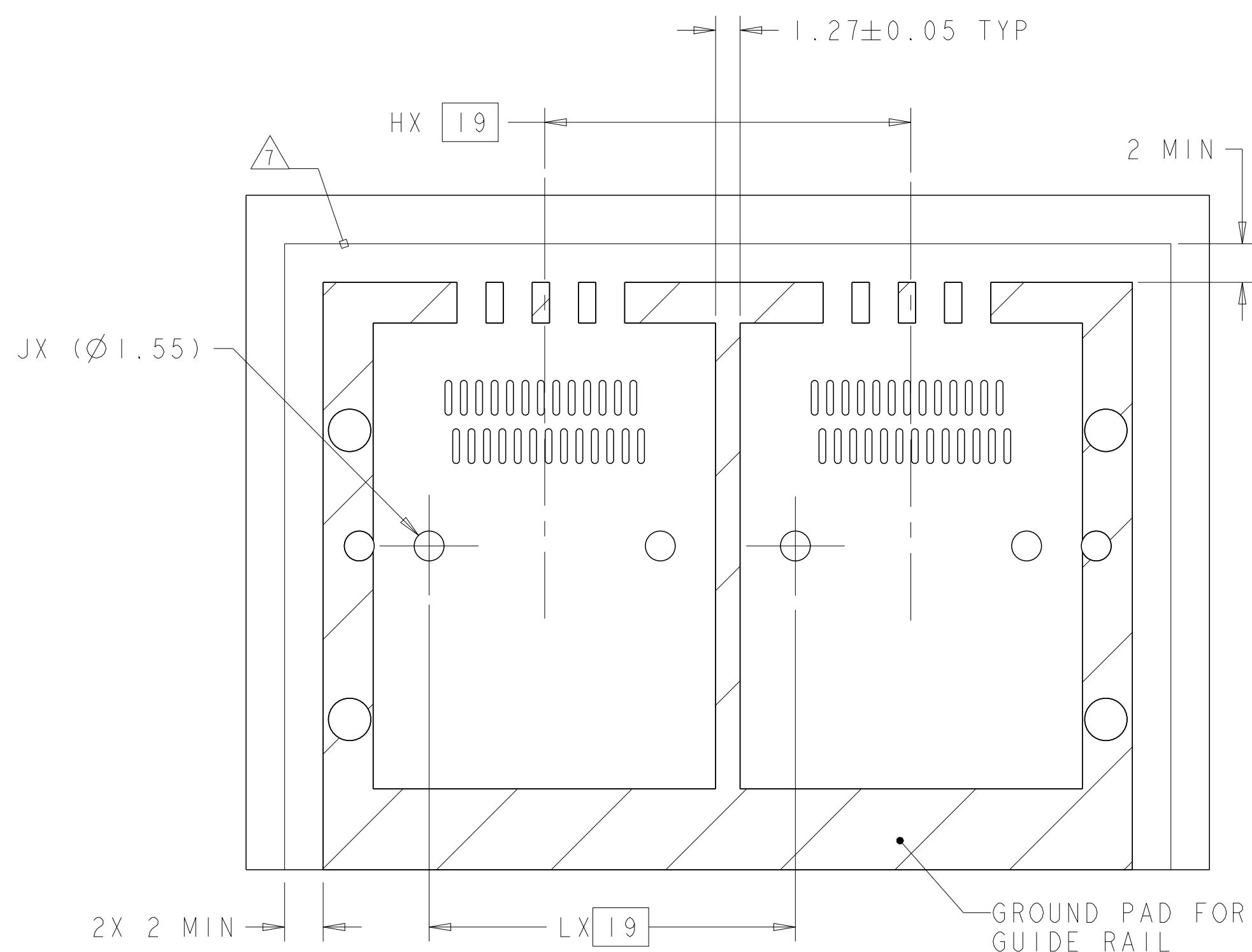


RECOMMENDED MULTI-PORT LAYOUT,  
SAME AS 1888321-1, EXCEPT AS SHOWN  
SCALE 5:1



SECTION A-A  
SCALE 10:1

|                                                                                                |  |  |                     |         |                                                                  |  |  |  |
|------------------------------------------------------------------------------------------------|--|--|---------------------|---------|------------------------------------------------------------------|--|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.<br>DIMENSIONING AND TOLERANCING<br>PER ASME Y14.5M-2009 |  |  | DWN<br>J. POLIGNONE | 01AUG07 | TE Connectivity                                                  |  |  |  |
| DIMENSIONS:                                                                                    |  |  | CHK<br>D. GORENC    | 01AUG07 |                                                                  |  |  |  |
| mm                                                                                             |  |  | APVD<br>D. GORENC   | 01AUG07 | NAME<br>EVERCLEAR Mini-SAS EXTERNAL<br>RECEPTACLE SHELL ASSEMBLY |  |  |  |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                                      |  |  | PRODUCT SPEC        |         | SIZE<br>A100779                                                  |  |  |  |
| 0 PLC ±                                                                                        |  |  | APPLICATION SPEC    |         | CAGE CODE<br>1888321                                             |  |  |  |
| 1 PLC ±                                                                                        |  |  | 101-693             |         | DRAWING NO                                                       |  |  |  |
| 2 PLC ±                                                                                        |  |  | WEIGHT              |         | RESTRICTED TO                                                    |  |  |  |
| 3 PLC ±                                                                                        |  |  | Customer Drawing    |         | SCALE<br>4:1                                                     |  |  |  |
| 4 PLC ±                                                                                        |  |  |                     |         | SHEET<br>2 OF 4                                                  |  |  |  |
| ANGLES ±                                                                                       |  |  |                     |         | REV<br>C1                                                        |  |  |  |
| FINISH                                                                                         |  |  |                     |         |                                                                  |  |  |  |
| MATERIAL<br>SEE NOTES                                                                          |  |  |                     |         |                                                                  |  |  |  |
|                                                                                                |  |  |                     |         |                                                                  |  |  |  |

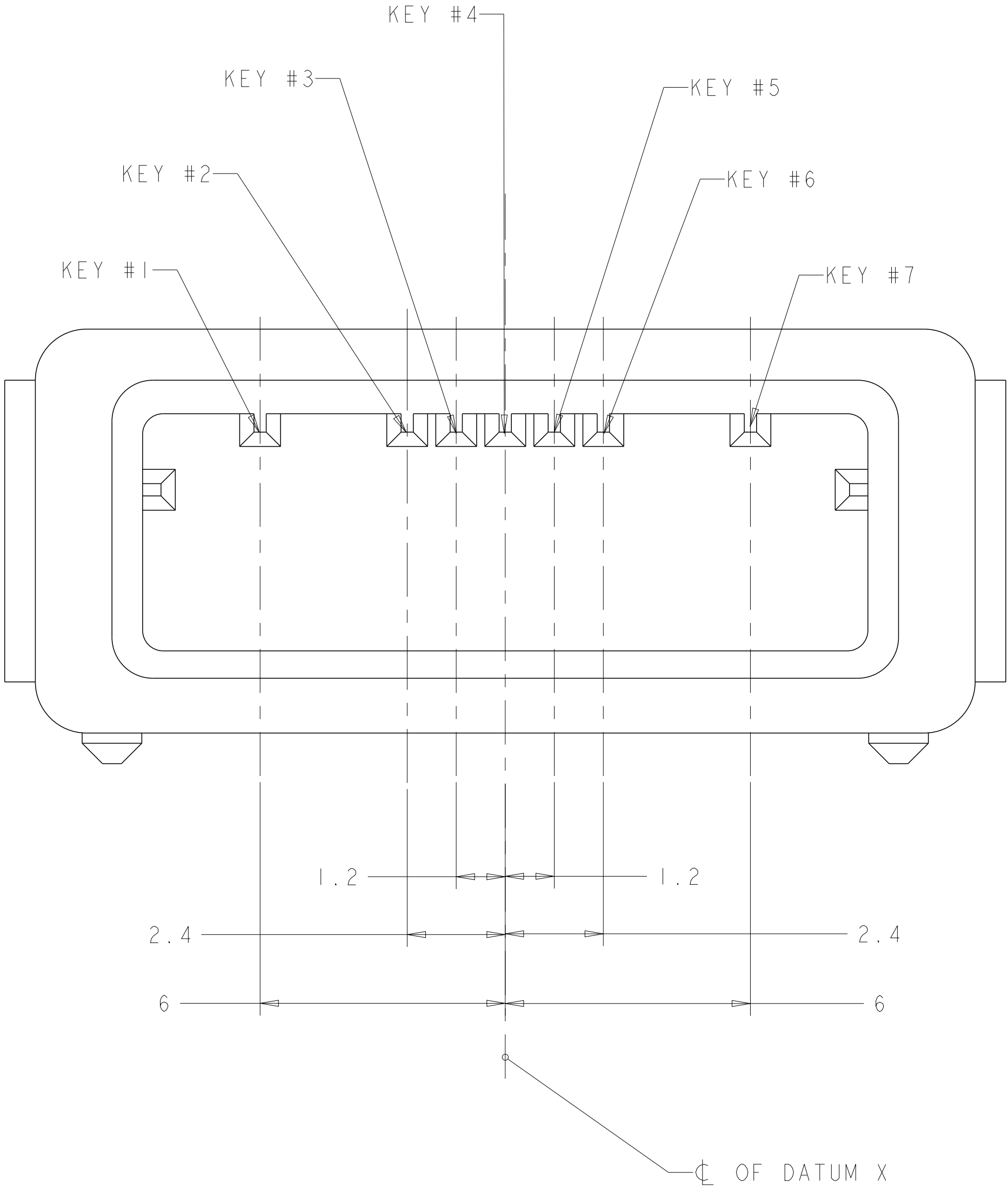


Technical drawing of a panel with dimensions and labels:

- Horizontal dimension:  $K \pm 0.05$
- Vertical dimension:  $7.6 \pm 0.05$
- Label: PANEL
- Dimension:  $0 \begin{smallmatrix} 0 \\ -0.1 \end{smallmatrix}$
- Text: INSIDE OF CUT-OUT TO TOP OF PCB

4805 (3/11)

| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| GP  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      | -         |     | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |



POSSIBLE KEYING POSITION LOCATIONS  
SCALE 10:1

- 1. LOCATIONS OF DATUMS TO BE DETERMINED BY THE CUSTOMER.
- 2. ZINC DIE CAST PER ASTM B 86.
- 3. PASSIVATE PER ASTM B 102 OVER 2.54µm MINIMUM NICKEL PLATE PER QQ-N-290 OVER 5.08µm MINIMUM COPPER PLATE PER AMS 2418
- 4. OMNI DIRECTIONAL CONDUCTIVE FOAM
- 5. SHELLS AFFIXED TO PCB VIA CUSTOMER SUPPLIED M2 x 0.4mm THREADED SCREWS.
- 6. PRODUCT USED IN CONJUNCTION WITH SURFACE MOUNT CONNECTOR 1761987-1.
- 7. RAISED SOLDER MASK KEEP OUT AREA, APPLIES TO AREA INSIDE BOX.
- 8. PRELIMINARY NOT RELEASED FOR PRODUCTION.
- 9. DATE CODE APPLIED IN GENERAL AREA AS INDICATED.

|          |     |       |   |     |     |        |        |    |       |       |       |                         |        |        |        |            |                        |
|----------|-----|-------|---|-----|-----|--------|--------|----|-------|-------|-------|-------------------------|--------|--------|--------|------------|------------------------|
|          | I   | 38.75 | 4 | I   | I   | 35.125 | 34.625 | 42 | 39.25 | 38.25 | 38.25 | 4                       | 4      | -      | -      | 2          | 2-1888321-2            |
|          | I   | 38.75 | 4 | I   | I   | 35.125 | 34.625 | 42 | 39.25 | 38.25 | 38.25 | 2-4                     | 2-4    | -      | -      | 2          | 1-1888321-3            |
|          | I   | 38.75 | 4 | I   | I   | 35.125 | 34.625 | 42 | 39.25 | 38.25 | 35.25 | 4-6                     | 2-4    | -      | -      | 2          | 1-1888321-2            |
|          | I   | 38.75 | 4 | I   | I   | 35.125 | 34.625 | 42 | 39.25 | 38.25 | 38.25 | 2                       | 6      | -      | -      | 2          | 1-1888321-1            |
|          | I   | 38.75 | 4 | I   | I   | 35.125 | 34.625 | 42 | 39.25 | 38.25 | 38.25 | 2                       | 2      | -      | -      | 2          | 1-1888321-0            |
|          | N/A | 19.75 | 2 | N/A | N/A | 16.125 | 15.625 | 23 | 20.25 | 19.25 | 19.25 | 4-6                     | -      | -      | -      | 1          | 1888321-9              |
|          | N/A | 19.75 | 2 | N/A | N/A | 16.125 | 15.625 | 23 | 20.25 | 19.25 | 19.25 | 2-4                     | -      | -      | -      | 1          | 1888321-8              |
|          | N/A | 19.75 | 2 | N/A | N/A | 16.125 | 15.625 | 23 | 20.25 | 19.25 | 19.25 | 6                       | -      | -      | -      | 1          | 1888321-7              |
|          | N/A | 19.75 | 2 | N/A | N/A | 16.125 | 15.625 | 23 | 20.25 | 19.25 | 19.25 | 2                       | -      | -      | -      | 1          | 1888321-6              |
| OBSOLETE | 3   | 76.75 | 8 | 3   | 3   | 73.125 | 72.625 | 80 | 77.25 | 76.25 | 76.25 | 4                       | 4      | 4      | 4      | 4          | <div>8</div> 1888321-4 |
| OBSOLETE | 2   | 57.75 | 6 | 2   | 2   | 54.125 | 53.625 | 61 | 58.25 | 57.25 | 57.25 | 4                       | 4      | 4      |        | 3          | <div>8</div> 1888321-3 |
|          | I   | 38.75 | 4 | I   | I   | 35.125 | 34.625 | 42 | 39.25 | 38.25 | 38.25 | 4                       | 4      | -      | -      | 2          | 1888321-2              |
|          | N/A | 19.75 | 2 | N/A | N/A | 16.125 | 15.625 | 23 | 20.25 | 19.25 | 19.25 | 4                       | -      | -      | -      | 1          | 1888321-1              |
|          | L   | K     | J | H   | G   | F      | E      | D  | C     | B     | A     | PORT 1<br>(SINGLE PORT) | PORT 2 | PORT 3 | PORT 4 | # OF PORTS | PART NUMBER            |
|          |     |       |   |     |     |        |        |    |       |       |       | KEYING POSITION         |        |        |        |            |                        |

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER: ASME Y14.5M-2009

OWN: J. POLIGNONE  
CHK: D. GORENC  
APVD: D. GORENC

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
0 PLC ±  
1 PLC ±  
2 PLC ±  
3 PLC ±  
4 PLC ±  
ANGLES ±  
FINISH

MATERIAL SEE NOTES

01AUG07  
01AUG07  
01AUG07

PRODUCT SPEC  
APPLICATION SPEC  
101-693

WEIGHT -

Customer Drawing

DWN: J. POLIGNONE  
CHK: D. GORENC  
APVD: D. GORENC

NAME: EVERCLEAR Mini-SAS EXTERNAL RECEPTACLE SHELL ASSEMBLY

SIZE: A1  
CAGE CODE: 100779  
DRAWING NO: 1888321

RESTRICTED TO: -

TE Connectivity

SCALE: 4:1  
SHEET: 4 OF 4  
REV: C