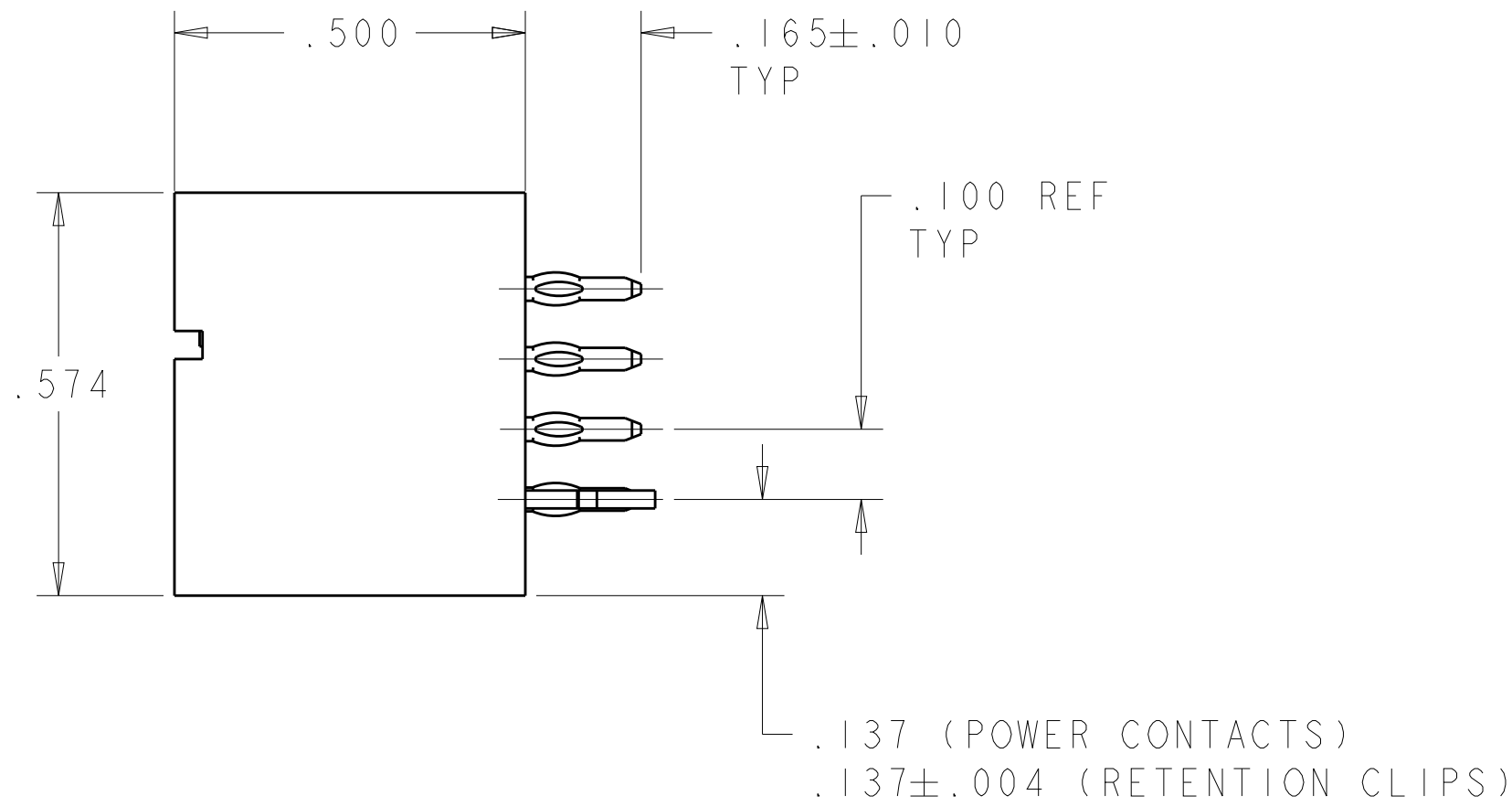
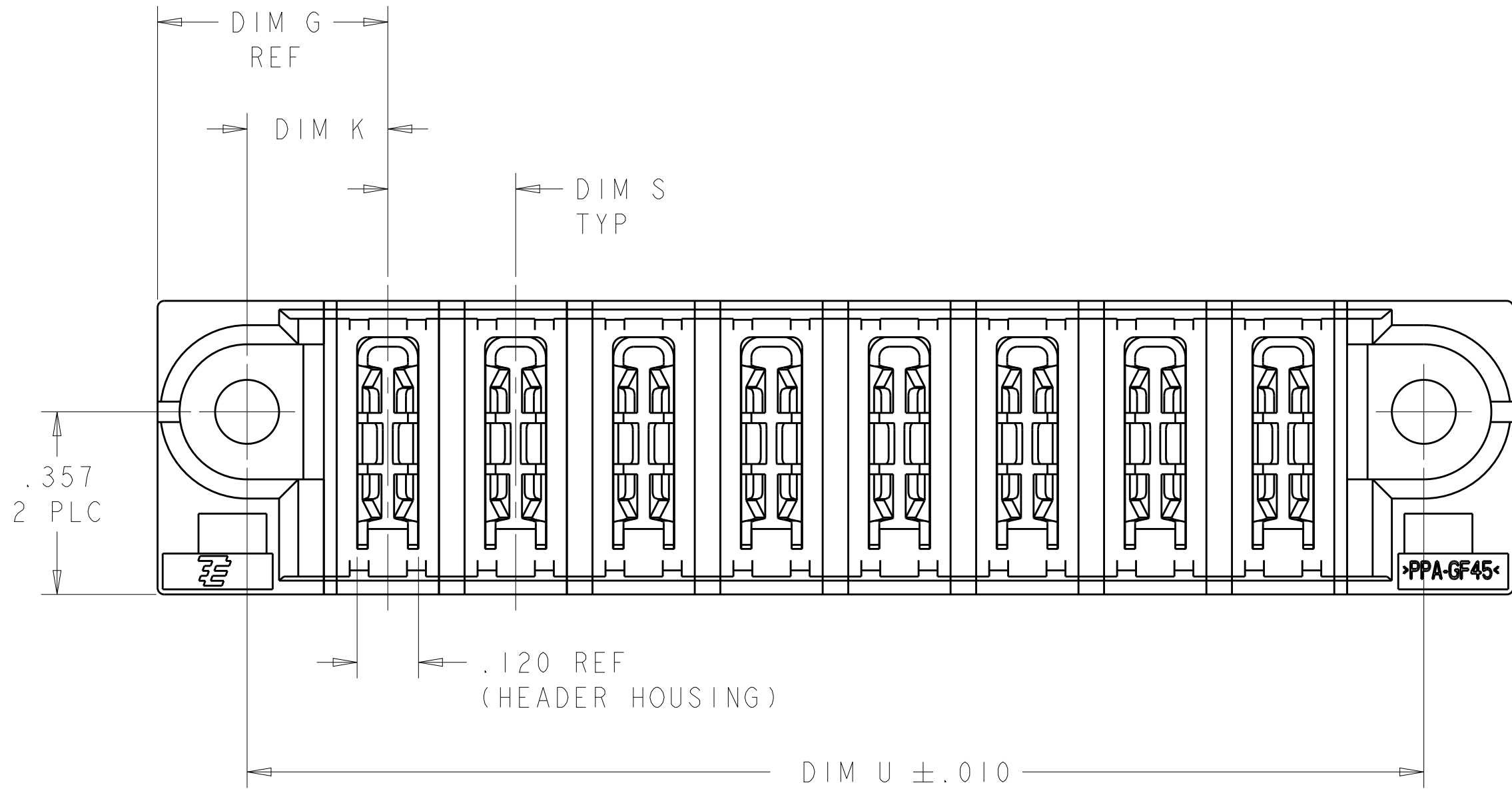
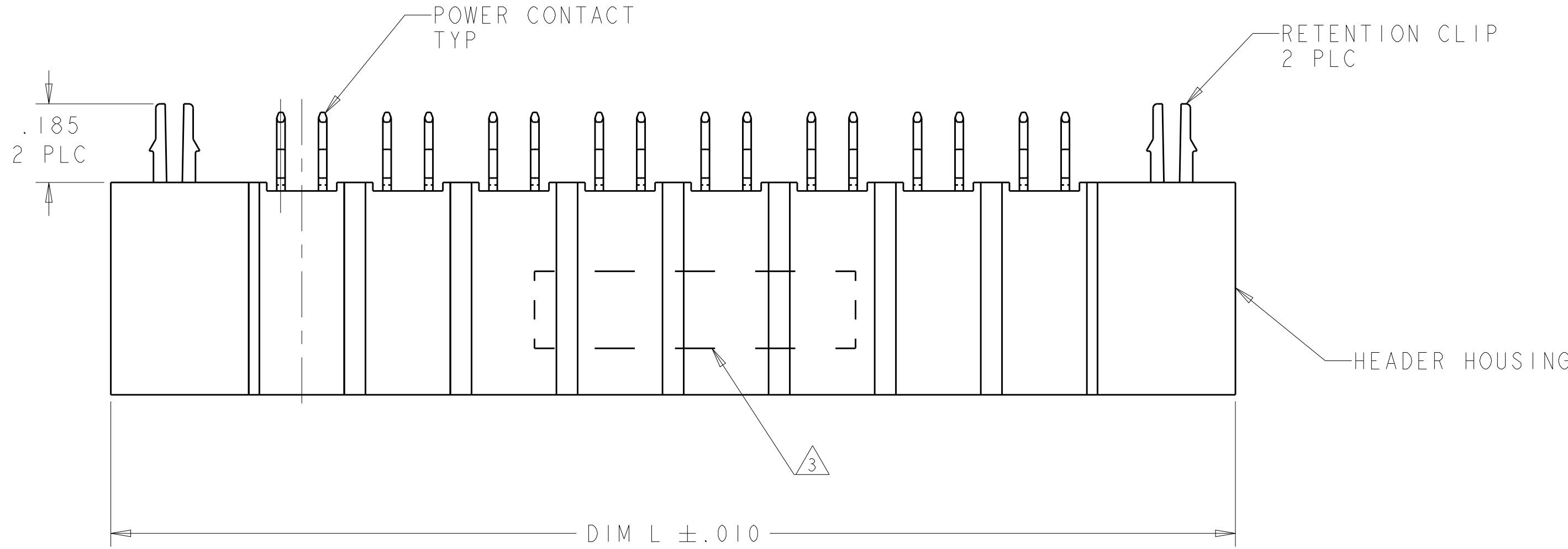
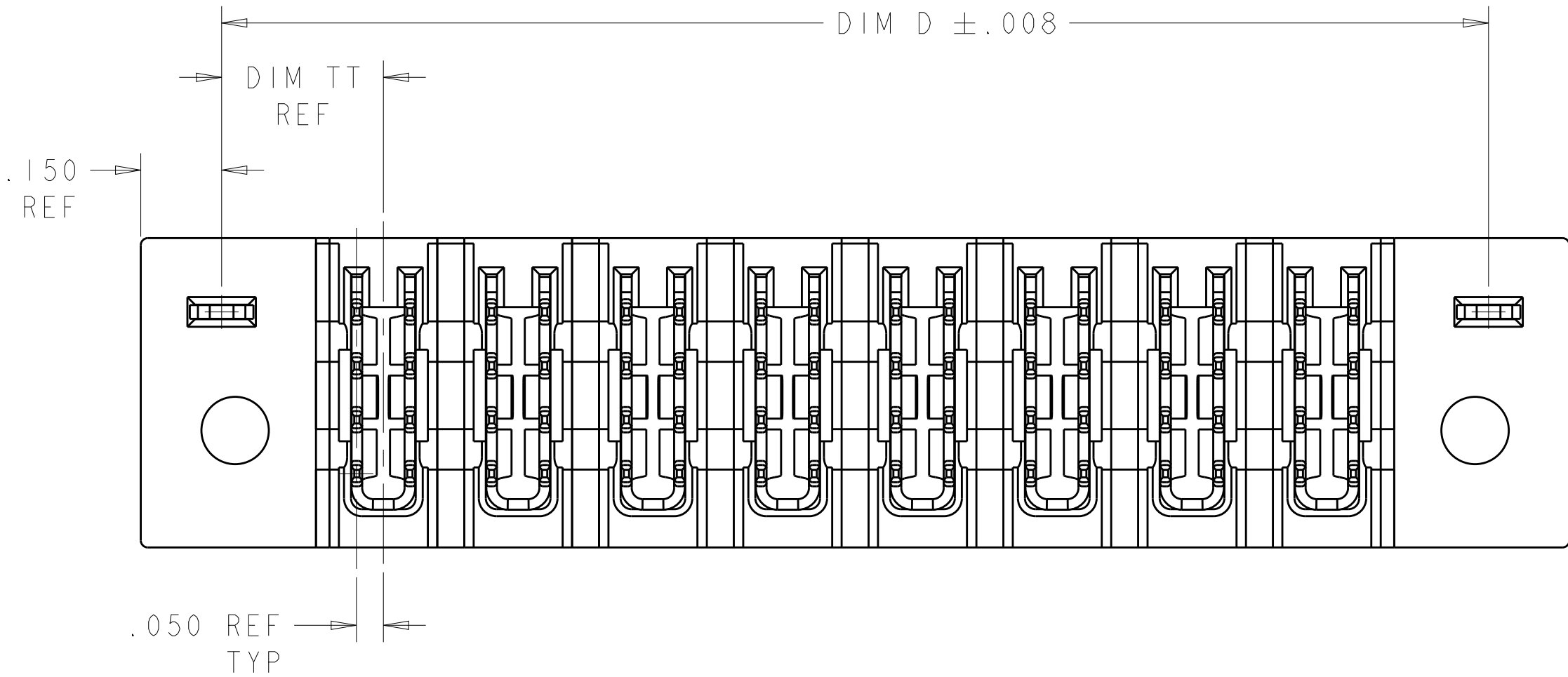


| LOC | DIST | REVISIONS |     |                       |           |     |      |  |
|-----|------|-----------|-----|-----------------------|-----------|-----|------|--|
| GP  | 00   | P         | LTR | DESCRIPTION           | DATE      | DWN | APVD |  |
|     |      |           | B7  | REV PER ECR-12-018925 | 31OCT2012 | CZ  | SZ   |  |
|     |      |           | B8  | REV PER ECR-14-002489 | 25FEB2014 | OL  | SZ   |  |
|     |      |           |     |                       |           |     |      |  |
|     |      |           |     |                       |           |     |      |  |
|     |      |           |     |                       |           |     |      |  |



- 1 HEADER HOUSING: THERMO PLASTIC, BLACK, UL94 V-O; CONTACTS AND RETENTION CLIPS: COPPER ALLOY.
- 2 CONTACT PLATING: NOBLE METAL PLARING ON CONTACT FUNCTIONAL AREA OF POWER CONTACTS  
RETENTION CLIP: .000115 MIN TIN.
- 3 "AMP", PART NUMBER AND DATE CODE MARKED IN THIS AREA. PARTS UNDER 2.50 LONG MAY BE MARKED ON BOTH SIDES.
- 4 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 5 PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- 6. A SEATING TOOL IS REQUIRED TO SEAT THE HEADER ON THE P.C. BOARD. PLEASE REFER TO THE 114-13038 APPLICATION SPEC.
- 7 MECHANICAL CONNECTOR KEEP OUT ZONE.
- 8 NO RELEASED FOR PRODUCTION

|                                                                                       |                                                                                       |                                                           |                                                                                       |                                                                                                       |                                                                      |           |            |               |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------|------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                                                                       | DWN<br>D. RINGLER                                         | 15MAR06                                                                               |  TE Connectivity |                                                                      |           |            |               |
|                                                                                       |                                                                                       | CHK<br>M. PERCHERKE                                       | 15MAR06                                                                               |                                                                                                       |                                                                      |           |            |               |
|                                                                                       |                                                                                       | APVD<br>M. PERCHERKE                                      | 15MAR06                                                                               |                                                                                                       |                                                                      |           |            |               |
|                                                                                       |                                                                                       |                                                           |                                                                                       |                                                                                                       |                                                                      |           |            |               |
| DIMENSIONS:                                                                           |                                                                                       | TOLERANCES UNLESS OTHERWISE SPECIFIED:                    |                                                                                       |                                                                                                       | NAME                                                                 |           |            |               |
| INCHES                                                                                |                                                                                       |                                                           |                                                                                       |                                                                                                       |                                                                      |           |            |               |
|  |                                                                                       |                                                           |                                                                                       |                                                                                                       | VERTICAL HEADER CONN, W/GUIDES<br>PRESS FIT, TYPE P<br>MULTI-BEAM XL |           |            |               |
| 1 P/LC ±.<br>2 P/LC ±.<br>3 P/LC ±.005<br>4 P/LC ±.<br>ANGLES A ±.<br>B ±.            |                                                                                       | PRODUCT SPEC<br>108-1973<br>APPLICATION SPEC<br>114-13038 |                                                                                       |                                                                                                       |                                                                      |           |            |               |
| MATERIAL                                                                              |  | FINISH                                                    |  |                                                                                                       | SIZE                                                                 | CAGE CODE | DRAWING NO | RESTRICTED TO |
|                                                                                       |                                                                                       |                                                           |                                                                                       |                                                                                                       |                                                                      |           |            |               |
|                                                                                       |                                                                                       |                                                           |                                                                                       |                                                                                                       | A1                                                                   | 00779     | G=6600303  | -             |
| CUSTOMER DRAWING                                                                      |                                                                                       |                                                           |                                                                                       |                                                                                                       | SCALE                                                                | 2:1       | SHEET      | 1             |
|                                                                                       |                                                                                       |                                                           |                                                                                       |                                                                                                       |                                                                      |           | OF         | 6             |
|                                                                                       |                                                                                       |                                                           |                                                                                       |                                                                                                       |                                                                      |           | REV        | B8            |



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

|    |          |         |         |         |         |         |         |                |             |             |
|----|----------|---------|---------|---------|---------|---------|---------|----------------|-------------|-------------|
| B7 | .325     | 1.800   | .300    | 2.150   | .300    | .475    | 1.850   | YES            | 5ACP        | 1-6600303-2 |
|    | .375     | 1.900   | .300    | 2.250   | .350    | .525    | 1.950   | NO             | 5ACP        | 1-6600303-1 |
|    | .300     | 2.050   | .300    | 2.400   | .275    | .450    | 2.100   | NO             | 6ACP        | 1-6600303-0 |
| 8  | .375     | 1.900   | .300    | 2.250   | .350    | .525    | 1.950   | YES            | 5ACP        | 6600303-9   |
|    | .325     | 1.200   | .300    | 1.550   | .300    | .475    | 1.250   | YES            | 3ACP        | 6600303-7   |
|    | .300     | 1.800   | .250    | 2.150   | .275    | .450    | 1.850   | YES            | 6P          | 6600303-6   |
| 8  | .300     | 2.550   | .250    | 2.900   | .275    | .450    | 2.600   | NO             | 9P          | 6600303-5   |
|    | .300     | 2.150   | .200    | 2.500   | .275    | .450    | 2.200   | NO             | 9HDP        | 6600303-4   |
|    | .325     | 1.500   | .300    | 1.850   | .300    | .475    | 1.550   | YES            | 4ACP        | 6600303-3   |
|    | .300     | 1.300   | .250    | 1.650   | .275    | .450    | 1.350   | YES            | 4P          | 6600303-2   |
|    | .300     | 2.300   | .250    | 2.650   | .275    | .450    | 2.350   | YES            | 8P          | 6600303-1   |
|    | DIM "TT" | DIM "U" | DIM "S" | DIM "L" | DIM "K" | DIM "G" | DIM "D" | RETENTION CLIP | DESCRIPTION | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

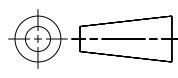
DWN  
D. RINGLER

CHK  
M. PERCHERKE

APVD  
M. PERCHERKE

ISMAR06  
ISMAR06  
ISMAR06

DIMENSIONS:  
INCHES



0 PLC ±"

1 PLC ±"

2 PLC ±"

3 PLC ±.005

4 PLC ±"

ANGLES ±"

FINISH -

PRODUCT SPEC  
108-1973

APPLICATION SPEC  
114-13038

WEIGHT  
-

CUSTOMER DRAWING

NAME  
VERTICAL HEADER CONN, W/GUIDES  
PRESS FIT, TYPE P  
MULTI-BEAM XL

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
6600303

RESTRICTED TO  
-

SCALE  
2:1

SHEET  
2

OF  
6

REV  
B8

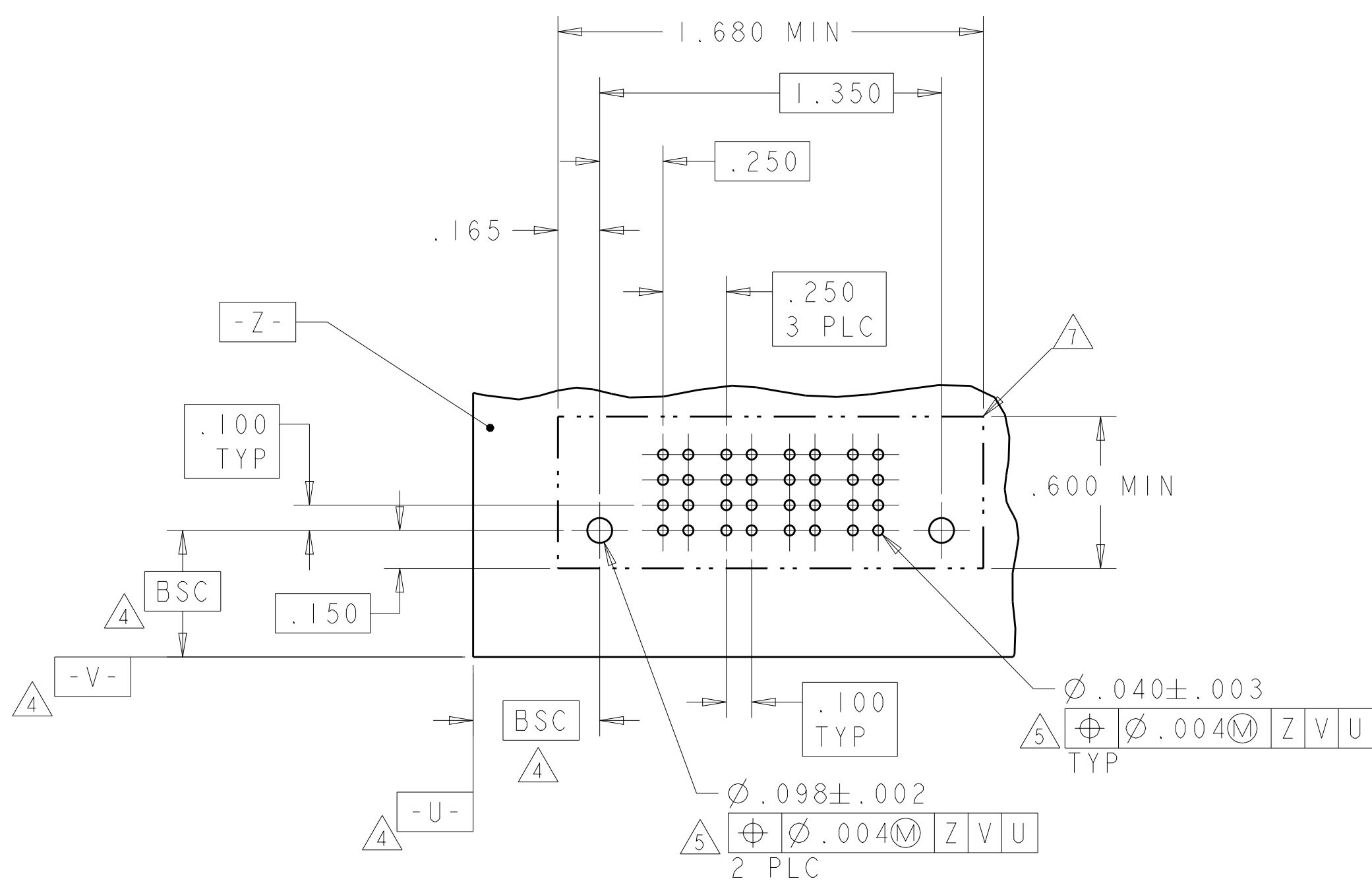
TE Connectivity



| PART NUMBER | ROWS |                                                                                     | POWER |    |    |    |                                                                                     |
|-------------|------|-------------------------------------------------------------------------------------|-------|----|----|----|-------------------------------------------------------------------------------------|
|             |      |                                                                                     | P1    | P2 | P3 | P4 |                                                                                     |
| 6600303-3   | D    |  | VM    | VM | VM | VM |  |
|             | C    |                                                                                     |       |    |    |    |                                                                                     |
|             | B    |                                                                                     |       |    |    |    |                                                                                     |
|             | A    |                                                                                     |       |    |    |    |                                                                                     |
| 4ACP        |      | HD                                                                                  |       |    |    |    | HD                                                                                  |

[illegible][illegible]

| PART NUMBER | ROWS |                                                                                     | POWER |    |    |    |                                                                                     |
|-------------|------|-------------------------------------------------------------------------------------|-------|----|----|----|-------------------------------------------------------------------------------------|
|             |      |                                                                                     | P1    | P2 | P3 | P4 |                                                                                     |
| 6600303-2   | D    |  | VM    | VM | VM | VM |  |
|             | C    |                                                                                     |       |    |    |    |                                                                                     |
|             | B    |                                                                                     |       |    |    |    |                                                                                     |
|             | A    |                                                                                     |       |    |    |    |                                                                                     |
| 4P          |      | HD                                                                                  |       |    |    |    | HD                                                                                  |

[illegible]

Technical drawing of a mechanical part, likely a connector or probe, showing dimensions and tolerances.

**Dimensions and Tolerances:**

- Overall length: 2.530 MIN
- Top edge thickness: .415
- Internal feature width: .100 (9 PLC TYP)
- Bottom edge thickness: .150
- Internal feature width: .200 (8 PLC)
- Bottom edge thickness: .100 TYP
- Bottom edge thickness: .600 MIN

**Surface Features and Tolerances:**

- Top surface:  $\phi .040 \pm .003$  (Surface texture symbol)
- Bottom surface:  $\phi .004$  (Surface texture symbol)

**Material and Finish:**

- Material: BSC (Base Steel)
- Finish: 4 (Surface texture symbol)

**Assembly and Identification:**

- Assembly: -Z- (Top), -V- (Bottom), -U- (Bottom)
- Identification: MATING SEQUENCE, DES (Design)

**Controlled Document:**

THIS DRAWING IS A CONTROLLED DOCUMENT.

Rev: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

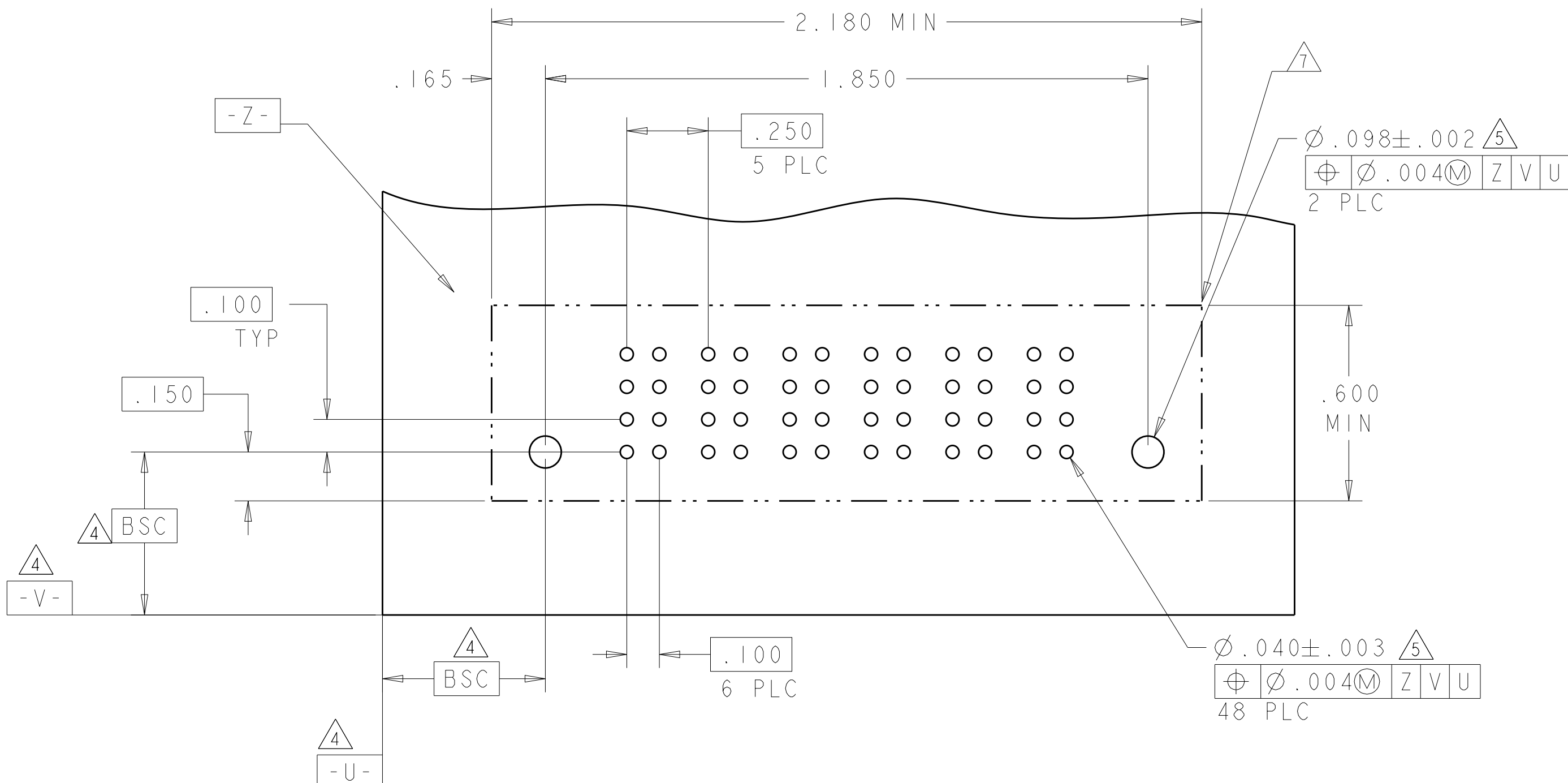
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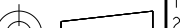
|                    |                |            |
|--------------------|----------------|------------|
| -                  | RETENTION CLIP | HD         |
| -                  | POWER CONTACT  | VM         |
| MATING<br>SEQUENCE | DESCRIPTION    | IDENTIFIER |

4805 (3/11)



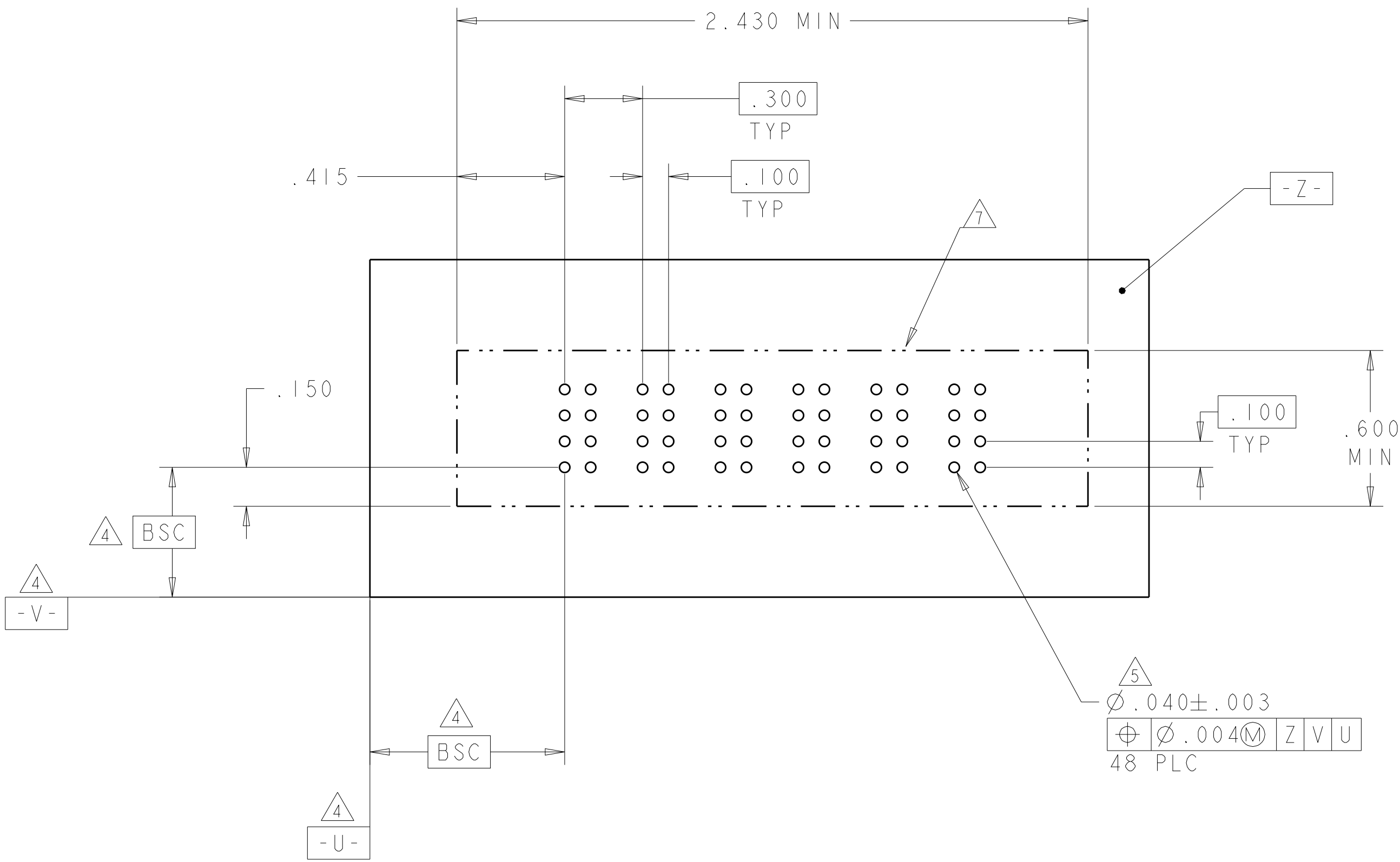
| PART NUMBER | ROWS |                                                                                     | POWER |    |    |    |    |    |                                                                                     |
|-------------|------|-------------------------------------------------------------------------------------|-------|----|----|----|----|----|-------------------------------------------------------------------------------------|
|             |      |                                                                                     | P1    | P2 | P3 | P4 | P5 | P6 |                                                                                     |
| 6600303-6   | D    |  | VM    | VM | VM | VM | VM | VM |  |
|             | C    |                                                                                     |       |    |    |    |    |    |                                                                                     |
|             | B    |                                                                                     |       |    |    |    |    |    |                                                                                     |
|             | A    |                                                                                     |       |    |    |    |    |    |                                                                                     |
| 6P          |      | HD                                                                                  |       |    |    |    |    |    | HD                                                                                  |



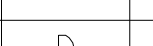
|                                                                                                                    |                                                                                       |        |                  |       |           |                                                           |               |                                                                                                       |   |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|------------------|-------|-----------|-----------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                             |                                                                                       |        |                  |       |           | DWN<br>D. RINGLER                                         | 15MAR06       |                                                                                                       |   |
| DIMENSIONS:<br>INCHES<br><br> |                                                                                       |        |                  |       |           | CHE<br>M. PERCHERRE                                       | 15MAR06       |  TE Connectivity |   |
|                                                                                                                    |                                                                                       |        |                  |       |           | EVAL<br>M. PERCHERRE                                      | 15MAR06       | NAME                                                                                                  |   |
|                                                                                                                    |                                                                                       |        |                  |       |           | PRODUCT SPEC<br>108-1973<br>APPLICATION SPEC<br>114-13038 |               | VERTICAL HEADER CONN, W/GUIDES<br>PRESS FIT, TYPE P<br>MULTI-BEAM XL                                  |   |
| MATERIAL                                                                                                           | FINISH                                                                                | WEIGHT | CUSTOMER DRAWING | SIZE  | CAGE CODE | DRAWING NO                                                | RESTRICTED TO |                                                                                                       |   |
|                               |  | -      |                  | A1    | 100779    | 6600303                                                   | -             |                                                                                                       |   |
|                                                                                                                    |                                                                                       |        |                  | SCALE | 2:1       | SHEET                                                     | 4             | OF                                                                                                    | 6 |
|                                                                                                                    |                                                                                       |        |                  |       |           |                                                           | REV           | B                                                                                                     |   |

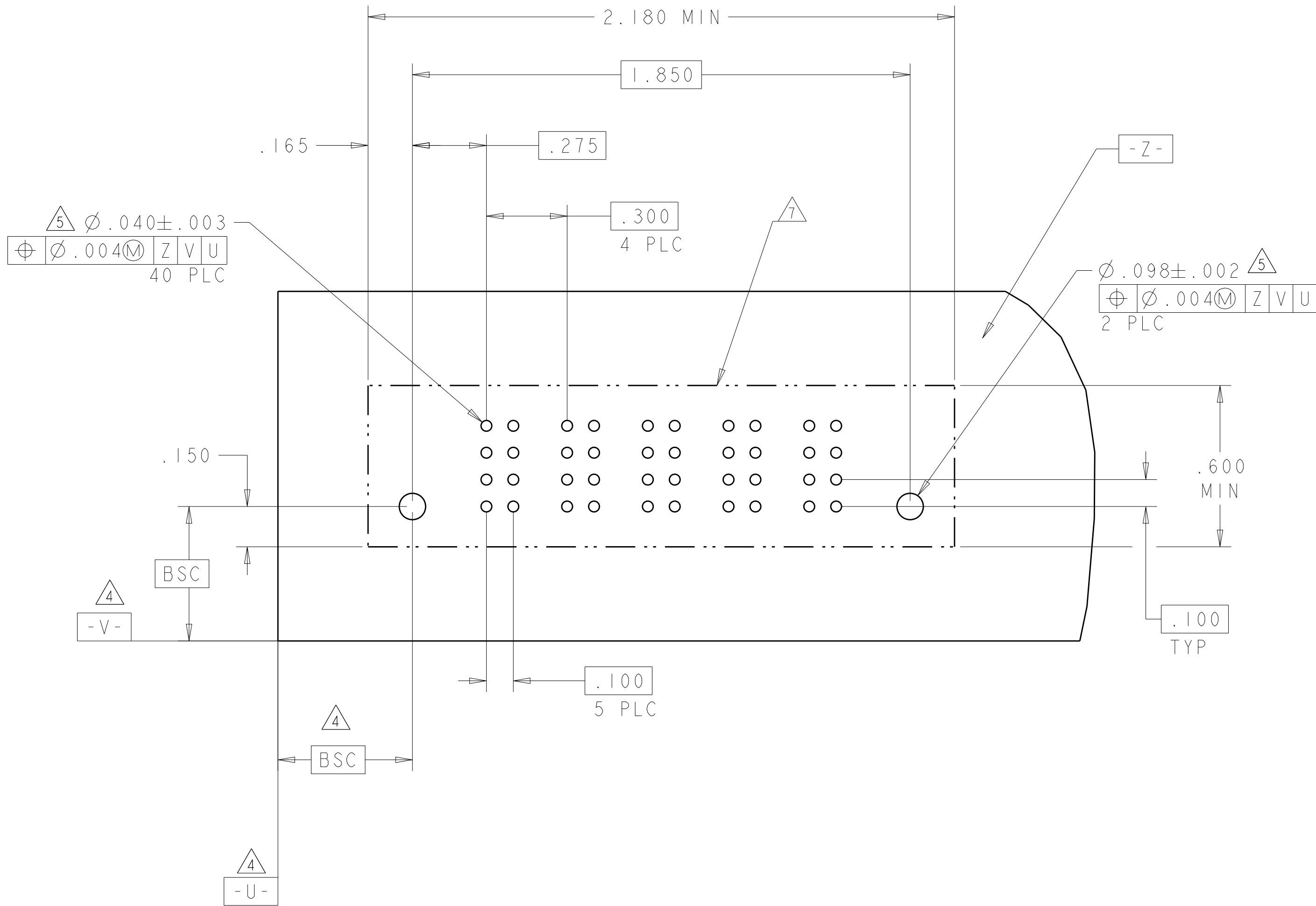


| PART NUMBER | ROWS |                                                                                     | POWER |    |    |    |    |    |                                                                                     |
|-------------|------|-------------------------------------------------------------------------------------|-------|----|----|----|----|----|-------------------------------------------------------------------------------------|
|             |      |                                                                                     | P1    | P2 | P3 | P4 | P5 | P6 |                                                                                     |
| I-6600303-0 | D    |  | VM    | VM | VM | VM | VM | VM |  |
|             | C    |                                                                                     |       |    |    |    |    |    |                                                                                     |
|             | B    |                                                                                     |       |    |    |    |    |    |                                                                                     |
|             | A    |                                                                                     |       |    |    |    |    |    |                                                                                     |
| 6ACP        |      |                                                                                     |       |    |    |    |    |    |                                                                                     |

4805 (3/11)



| PART NUMBER | ROWS |                                                                                     | POWER |    |    |    |    |                                                                                     |
|-------------|------|-------------------------------------------------------------------------------------|-------|----|----|----|----|-------------------------------------------------------------------------------------|
|             |      |                                                                                     | P1    | P2 | P3 | P4 | P5 |                                                                                     |
| I-6600303-2 | D    |  | VM    | VM | VM | VM | VM |  |
|             | C    |                                                                                     |       |    |    |    |    |                                                                                     |
|             | B    |                                                                                     |       |    |    |    |    |                                                                                     |
|             | A    | HD                                                                                  |       |    |    |    |    | HD                                                                                  |
| 5ACP        |      |                                                                                     |       |    |    |    |    |                                                                                     |

4805 (3/11)

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