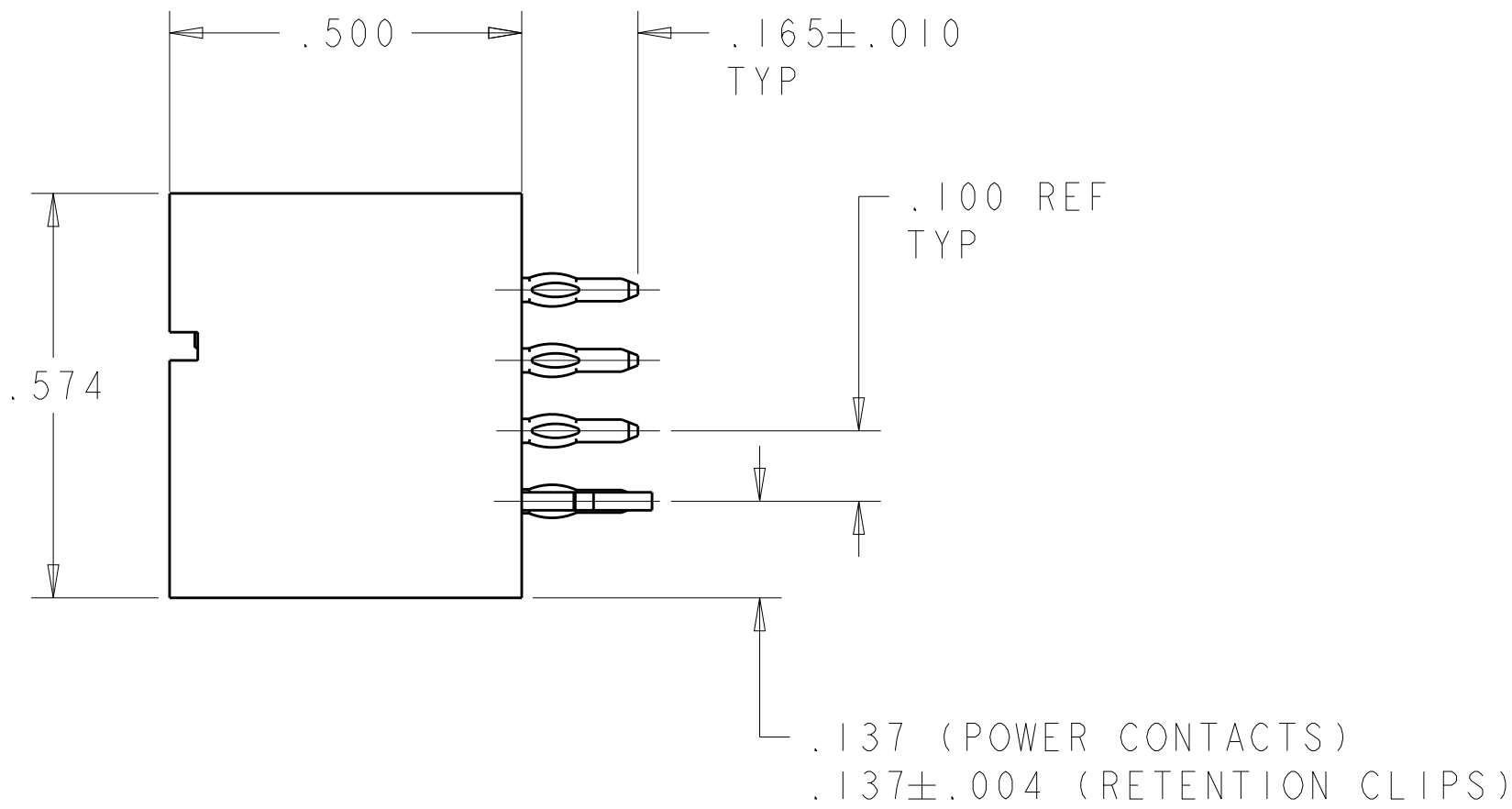
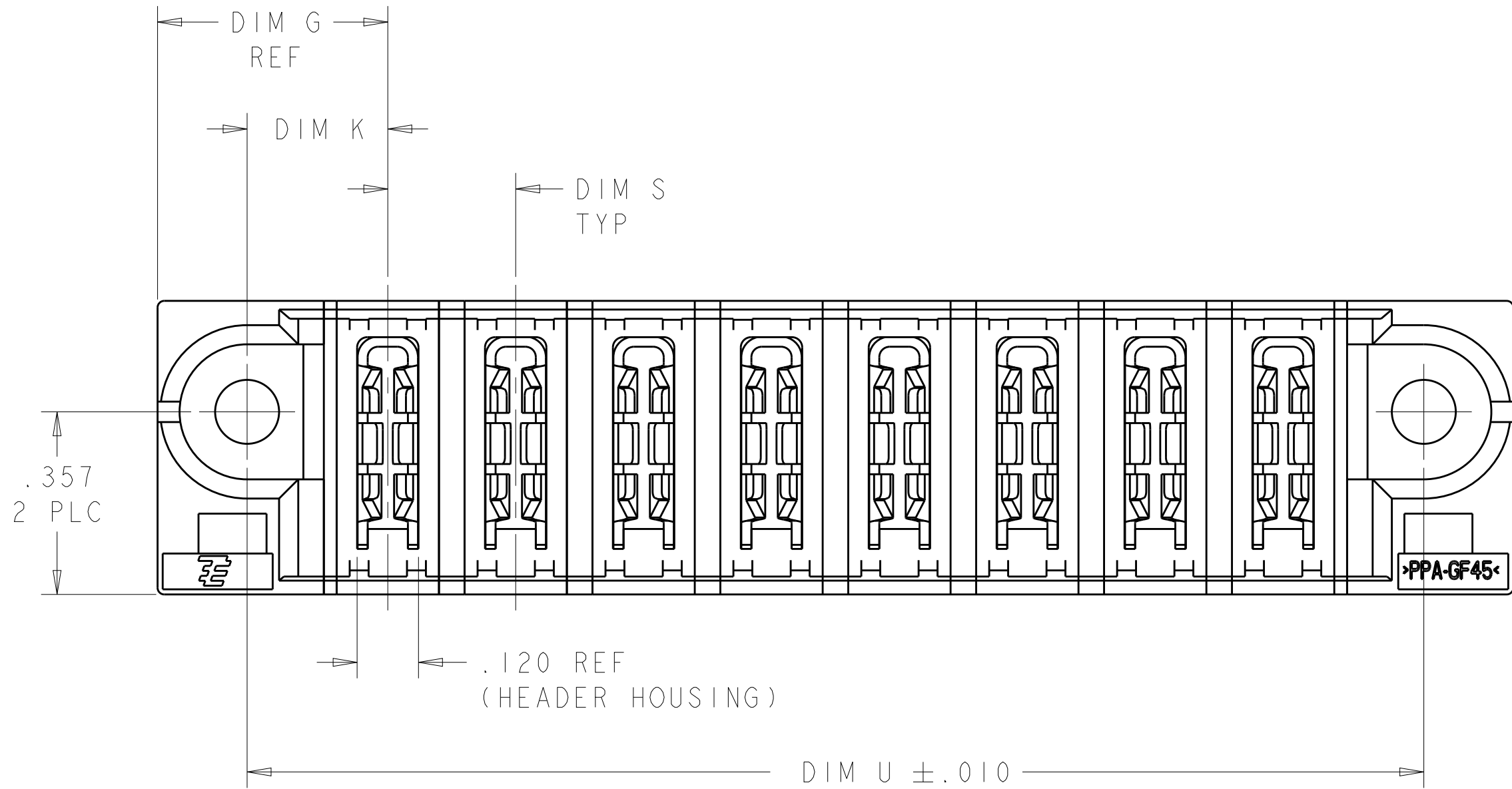
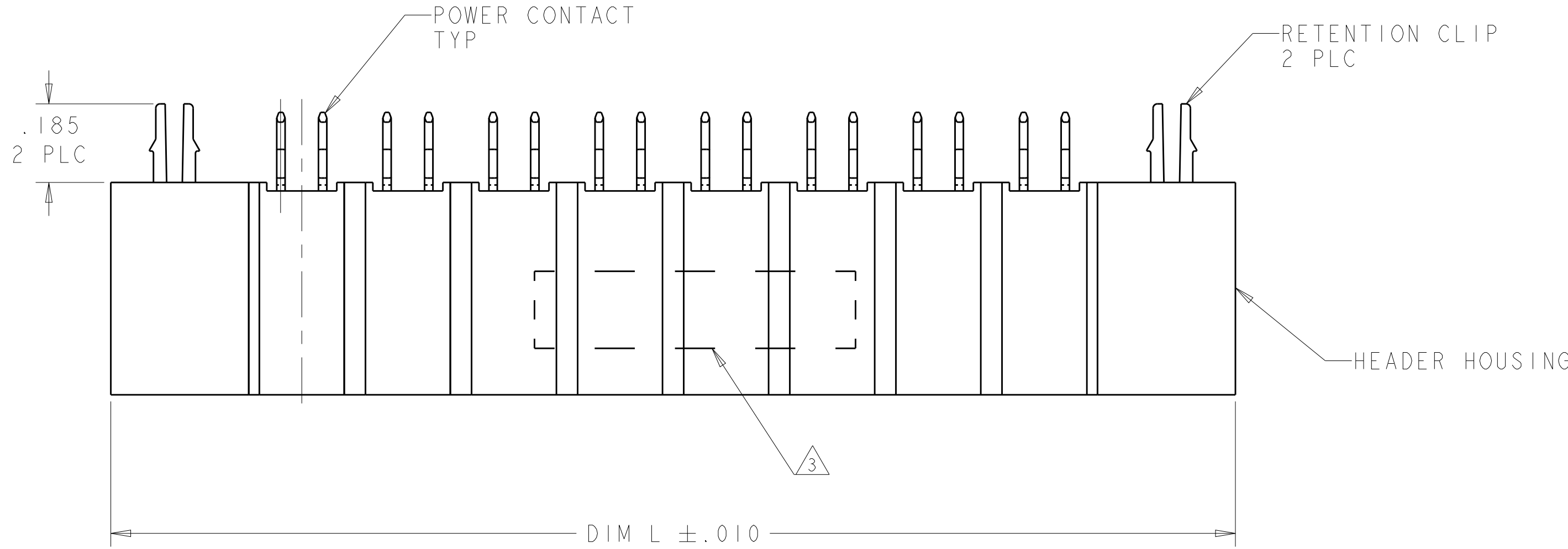
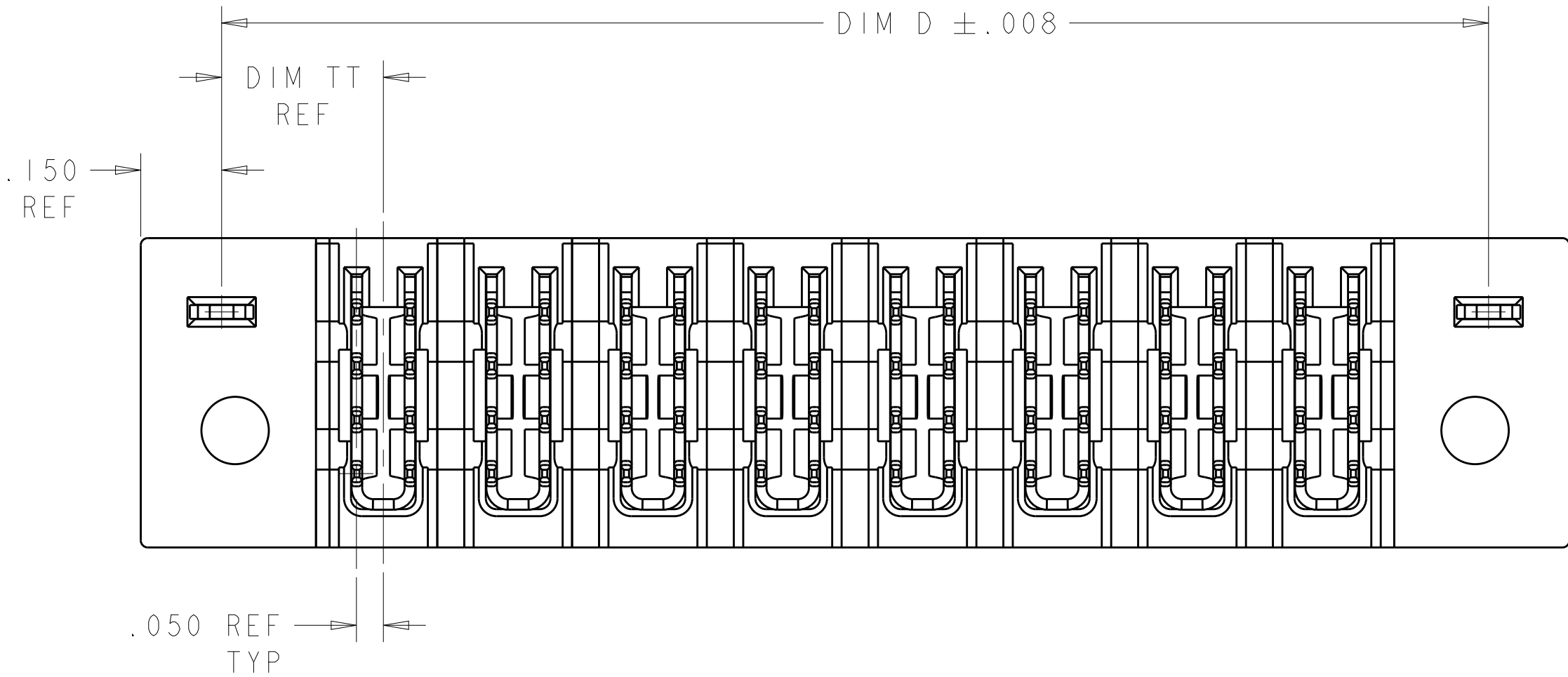


| LOC | DIST | REVISIONS |     |                       |  |           |     |      |
|-----|------|-----------|-----|-----------------------|--|-----------|-----|------|
|     |      | P         | LTR | DESCRIPTION           |  | DATE      | DWN | APVD |
| GP  | 00   |           | B7  | REV PER ECR-12-018925 |  | 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 |                                                     |                    |
| DIMENSIONS:<br>INCHES                  |  | CHK<br>M. PERCHERKE  | 15MAR06 |                                                                                                       |                                                     |                    |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | APVD<br>M. PERCHERKE | 15MAR06 | NAME<br>VERTICAL HEADER CONN, W/GUIDES<br>PRESS FIT, TYPE P<br>MULTI-BEAM XL                          | SIZE<br>CAGE CODE<br>DRAWING NO<br>A100779C=6600303 | RESTRICTED TO<br>- |
| 0 PLC ±.005                            |  | PRODUCT SPEC         |         |                                                                                                       |                                                     |                    |
| 1 PLC ±.005                            |  | 108-1973             |         |                                                                                                       |                                                     |                    |
| 2 PLC ±.005                            |  | APPLICATION SPEC     |         |                                                                                                       |                                                     |                    |
| 3 PLC ±.005                            |  | 114-13038            |         |                                                                                                       |                                                     |                    |
| 4 PLC ±.005                            |  | WEIGHT               |         |                                                                                                       |                                                     |                    |
| ANGLES                                 |  | CUSTOMER DRAWING     |         |                                                                                                       |                                                     |                    |
| FINISH                                 |  | 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 |
|    | .375     | 1.900   | .300    | 2.250   | .350    | .525    | 1.950   | YES            | 5ACP        | 6600303-9   |
| 8  | .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   |
|    | .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   |
| 8  | .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.

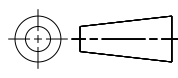
DWN  
D. RINGLER

CHK  
M. PERCHERKE

APVD  
M. PERCHERKE

ISMAR06  
ISMAR06  
ISMAR06

DIMENSIONS:  
INCHES



0 PLC ±"

1 PLC ±"

2 PLC ±"

3 PLC ±.005

4 PLC ±"

ANGLES ±"

FINISH -

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC  
108-1973

APPLICATION SPEC  
114-13038

WEIGHT -

NAME

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
6600303

RESTRICTED TO  
-

TE Connectivity

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

CUSTOMER DRAWING

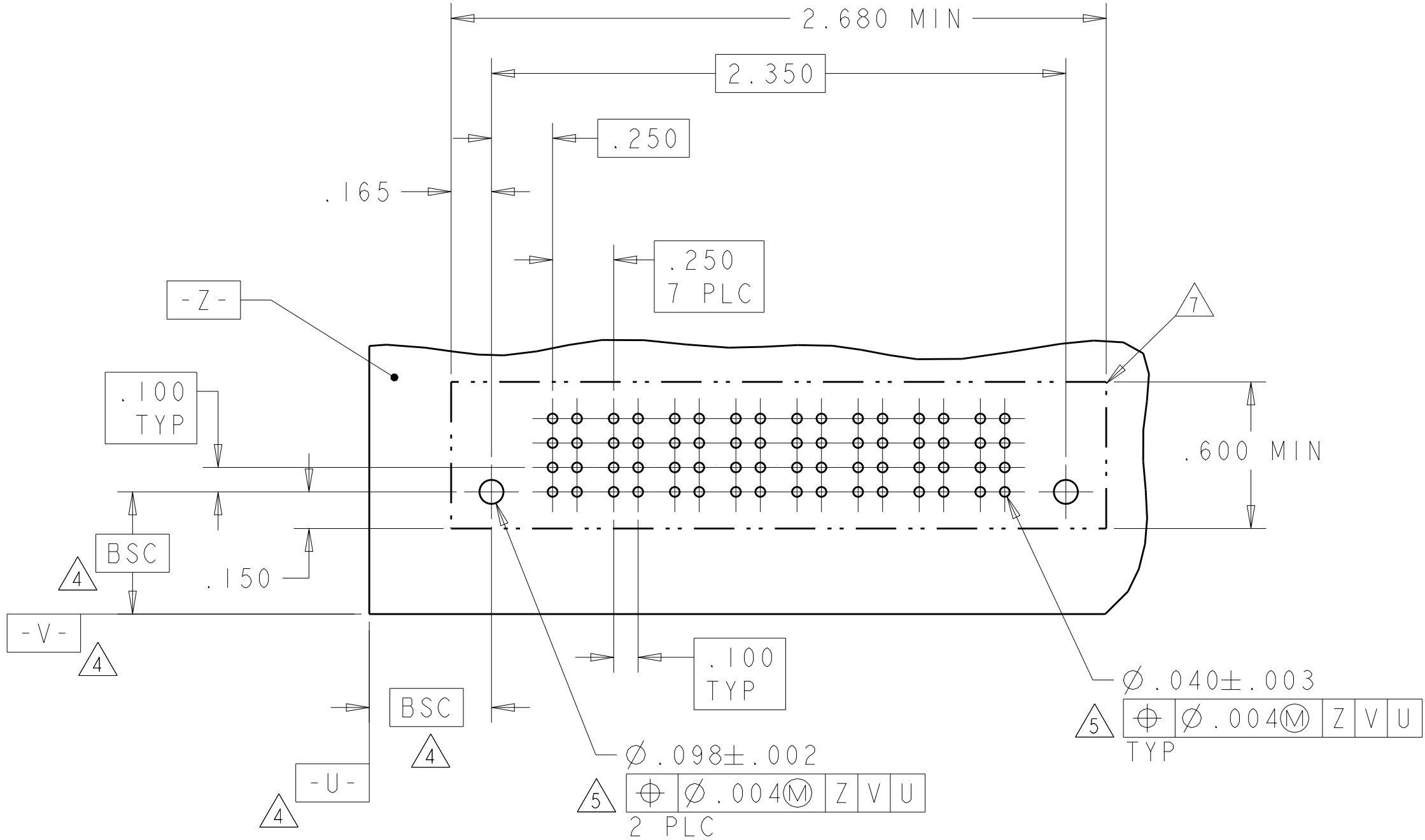
SCALE  
2:1

SHEET  
2

OF  
6

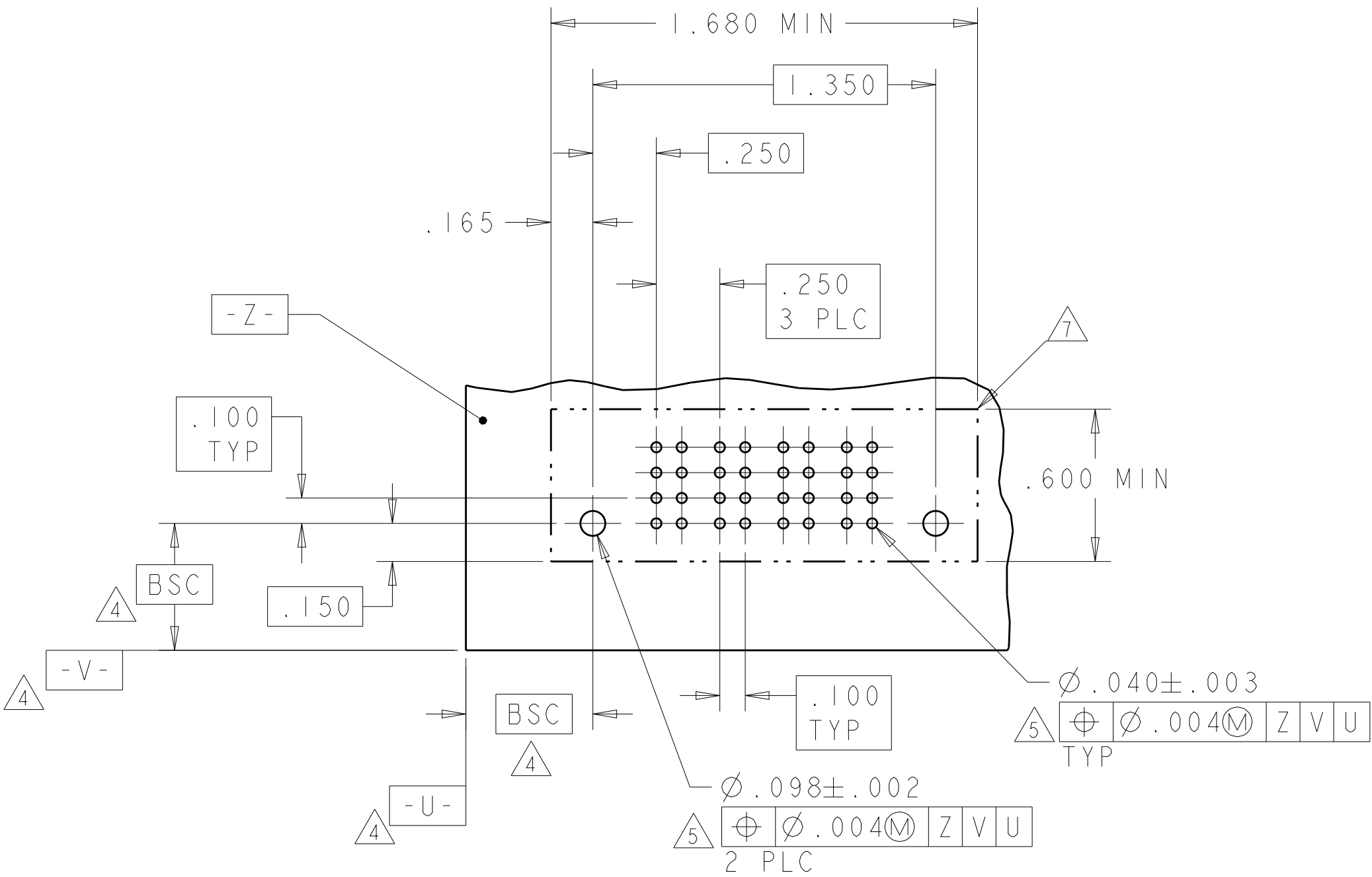
REV  
B8

| PART NUMBER | ROWS |                                                                                   | POWER |    |    |    |    |    |    |                                                                                     |    |
|-------------|------|-----------------------------------------------------------------------------------|-------|----|----|----|----|----|----|-------------------------------------------------------------------------------------|----|
|             |      |                                                                                   | P1    | P2 | P3 | P4 | P5 | P6 | P7 | P8                                                                                  |    |
| 6600303-1   | D    |  | VM    | VM | VM | VM | VM | VM | VM |  |    |
|             | C    |                                                                                   |       |    |    |    |    |    |    |                                                                                     |    |
|             | B    |                                                                                   |       |    |    |    |    |    |    |                                                                                     |    |
|             | A    |                                                                                   |       |    |    |    |    |    |    |                                                                                     |    |
| 8P          |      | HD                                                                                |       |    |    |    |    |    |    |                                                                                     | HD |



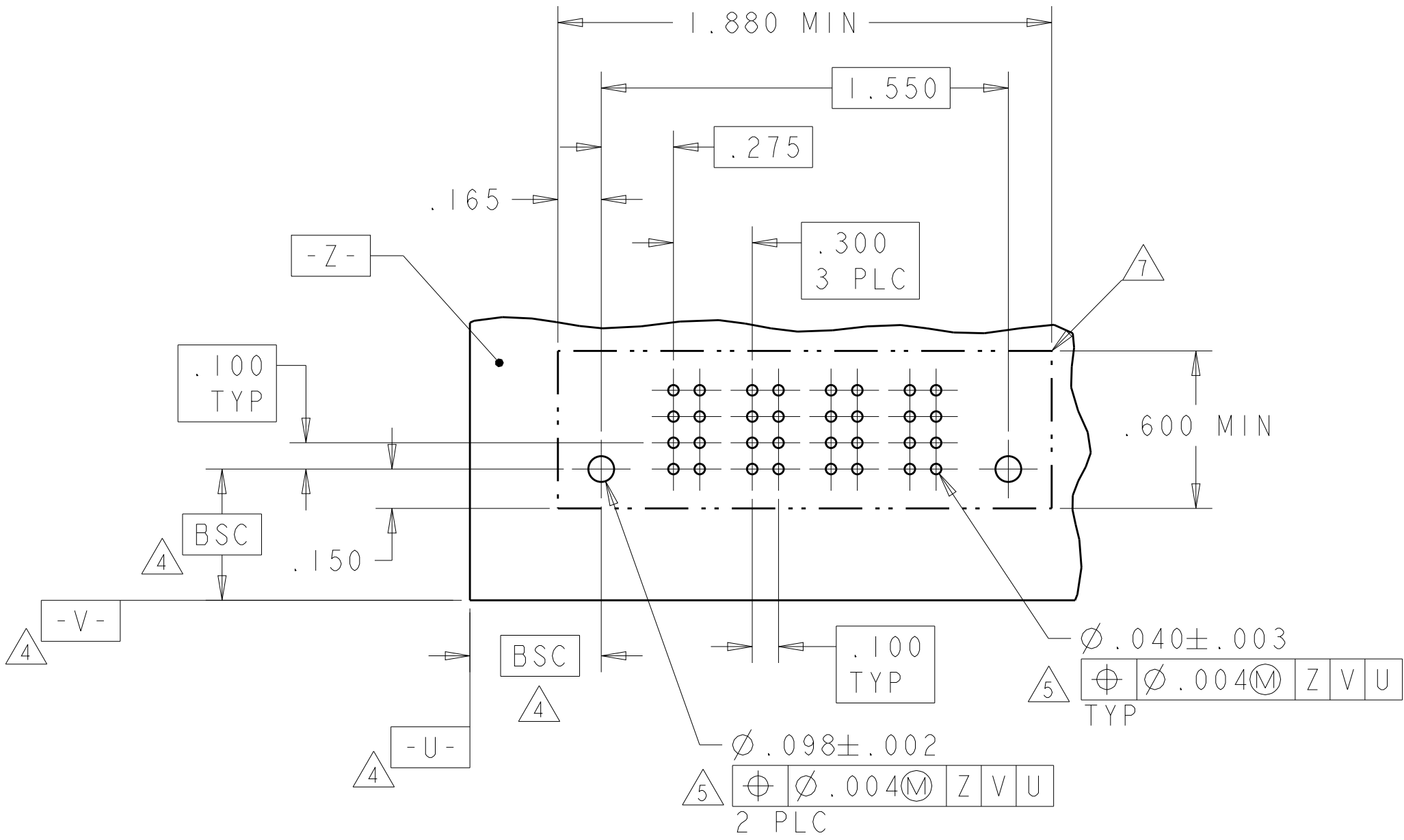
RECOMMENDED PCB LAYOUT 6600303-1  
SCALE 2:1

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



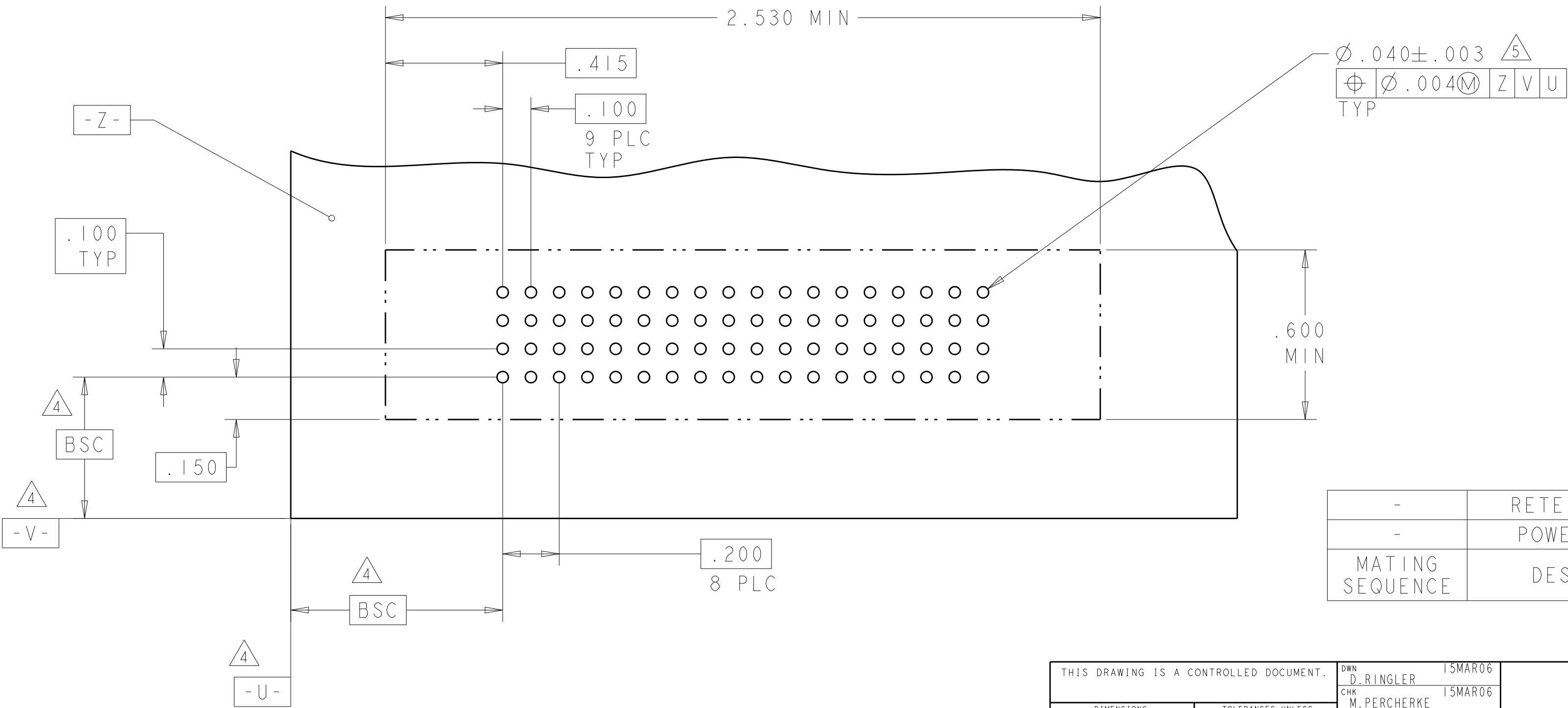
RECOMMENDED PCB LAYOUT 6600303-2  
SCALE 2:1

| PART NUMBER | ROWS |                                                                                     | POWER |     |     |     |                                                                                     |
|-------------|------|-------------------------------------------------------------------------------------|-------|-----|-----|-----|-------------------------------------------------------------------------------------|
|             |      |                                                                                     | P 1   | P 2 | P 3 | P 4 |                                                                                     |
| 6600303-3   | D    |  | VM    | VM  | VM  | VM  |  |
|             | C    |                                                                                     |       |     |     |     |                                                                                     |
|             | B    |                                                                                     |       |     |     |     |                                                                                     |
|             | A    |                                                                                     |       |     |     |     |                                                                                     |
| 4ACP        |      | HD                                                                                  |       |     |     |     | HD                                                                                  |



RECOMMENDED PCB LAYOUT 6600303-3  
SCALE 2:1

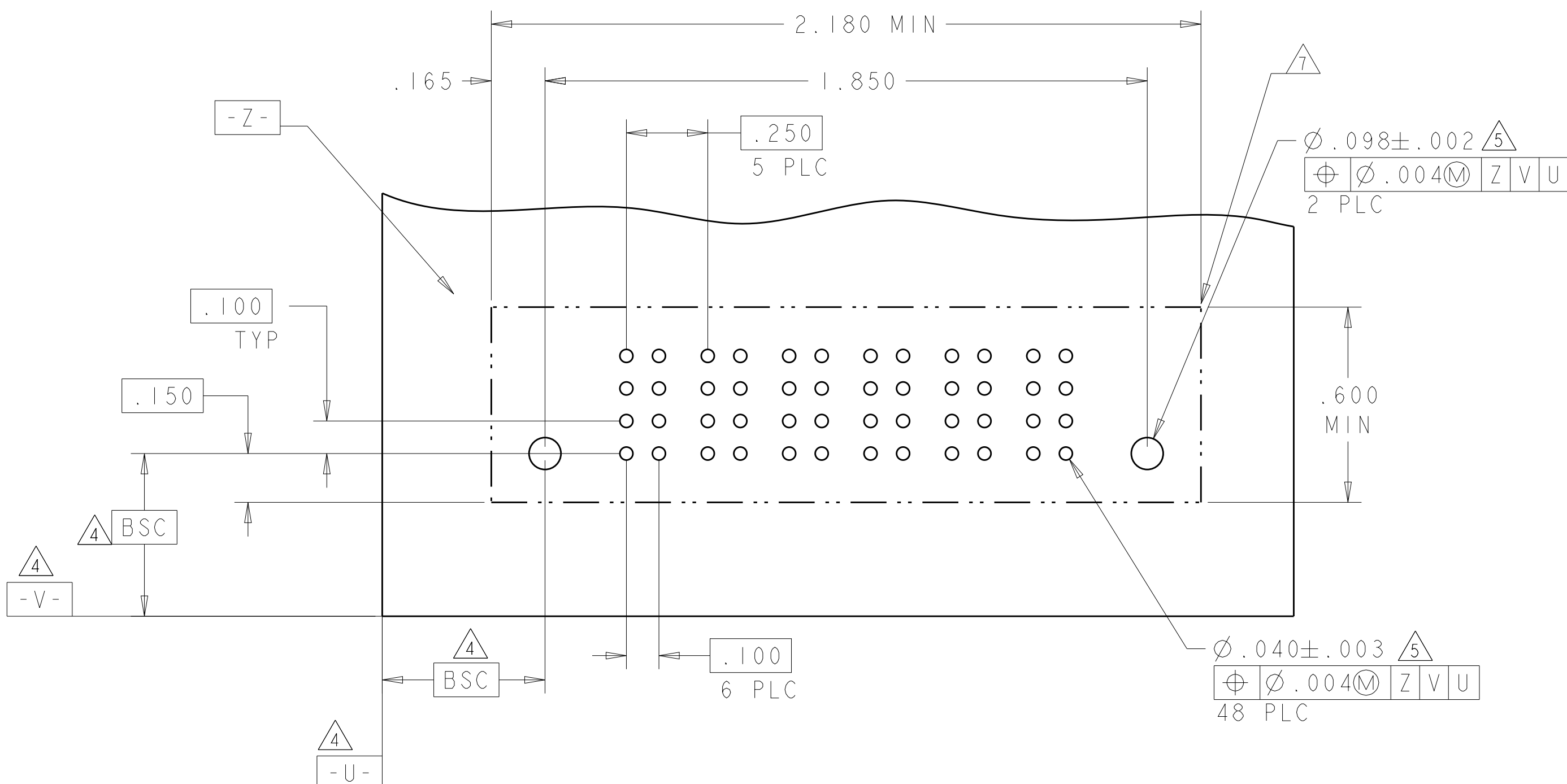
| PART NUMBER | ROWS |                                                                                       | POWER |    |    |    |    |    |    |    |                                                                                       |  |
|-------------|------|---------------------------------------------------------------------------------------|-------|----|----|----|----|----|----|----|---------------------------------------------------------------------------------------|--|
|             |      |                                                                                       | P1    | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9                                                                                    |  |
| 6600303-4   | D    |  | VM    | VM | VM | VM | VM | VM | VM | VM |  |  |
|             | C    |                                                                                       |       |    |    |    |    |    |    |    |                                                                                       |  |
|             | B    |                                                                                       |       |    |    |    |    |    |    |    |                                                                                       |  |
|             | A    |                                                                                       |       |    |    |    |    |    |    |    |                                                                                       |  |
| 9HDP        |      |                                                                                       |       |    |    |    |    |    |    |    |                                                                                       |  |



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

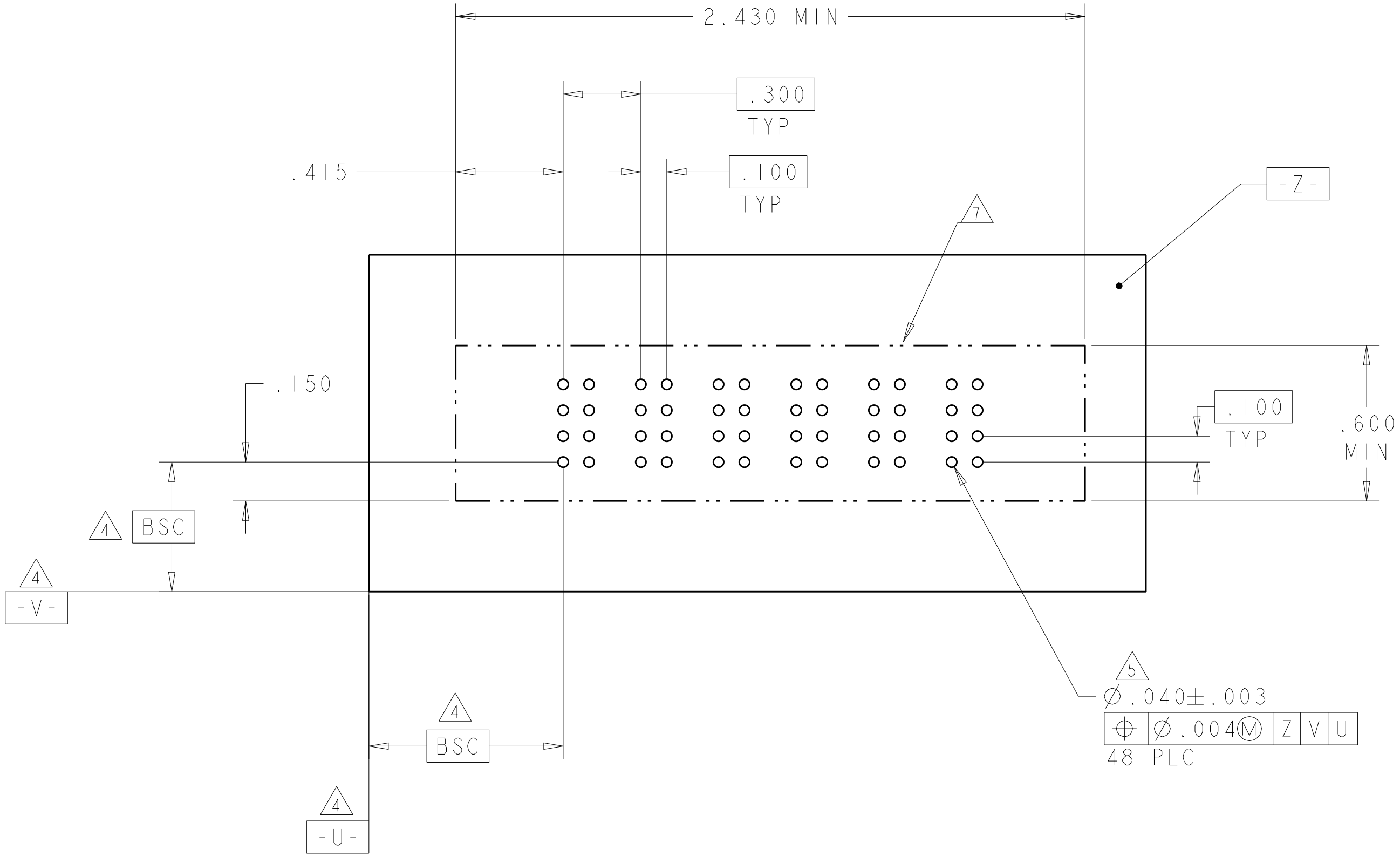
|                                        |                                           |                          |         |                                                                                       |                                                                              |            |                     |                       |                    |
|----------------------------------------|-------------------------------------------|--------------------------|---------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------|---------------------|-----------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                           | OWN<br>D. RINGLER        | 15MAR06 |  | TE Connectivity                                                              |            |                     |                       |                    |
| DIMENSIONS:<br>INCHES                  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: | CHK<br>M. PERCHERKE      | 15MAR06 |                                                                                       | NAME<br>VERTICAL HEADER CONN, W/GUIDES<br>PRESS FIT, TYPE P<br>MULTI-BEAM XL | SIZE<br>A1 | CAGE CODE<br>100779 | DRAWING NO<br>6600303 | RESTRICTED TO<br>- |
|                                        |                                           | APVD<br>M. PERCHERKE     | 15MAR06 |                                                                                       |                                                                              |            |                     |                       |                    |
|                                        |                                           | PRODUCT SPEC<br>108-1973 |         |                                                                                       |                                                                              |            |                     |                       |                    |
|                                        |                                           |                          |         |                                                                                       |                                                                              |            |                     |                       |                    |

| 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              | J. RINGLER   | 15MAR06 |  |                                                                      | TE Connectivity |               |       |
| DIMENSIONS:<br>INCHES                                                                 |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                |  | CHE              | M. PERCHERKE | 15MAR06 | NAME                                                                                  | VERTICAL HEADER CONN, W/GUIDES<br>PRESS FIT, TYPE P<br>MULTI-BEAM XL |                 |               |       |
|                                                                                       |  |                                                                                       |  | EJVD             | M. PERCHERKE | 15MAR06 |                                                                                       |                                                                      |                 |               |       |
|  |  | 0 PLC ±.<br>2 PLC ±.<br>3 PLC ±.005<br>4 PLC ±.<br>ANGLES ±                           |  | PRODUCT SPEC     |              |         | SIZE                                                                                  | CASE CODE                                                            | DRAWING NO      | RESTRICTED TO |       |
|                                                                                       |  |                                                                                       |  | APPLICATION SPEC |              |         |                                                                                       |                                                                      |                 |               |       |
| MATERIAL                                                                              |  | FINISH                                                                                |  | WEIGHT           |              | -       | A1                                                                                    | 100779                                                               | C=6600303       | -             |       |
|  |  |  |  | CUSTOMER DRAWING |              |         | 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)

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

| PART NUMBER | ROWS |  | POWER |    |    |    |    |  |
|-------------|------|--|-------|----|----|----|----|--|
|             |      |  | P1    | P2 | P3 | P4 | P5 |  |
| I-6600303-1 | D    |  | VM    | VM | VM | VM | VM |  |
|             | C    |  |       |    |    |    |    |  |
|             | B    |  |       |    |    |    |    |  |
|             | A    |  |       |    |    |    |    |  |
| 5ACP        |      |  |       |    |    |    |    |  |

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

