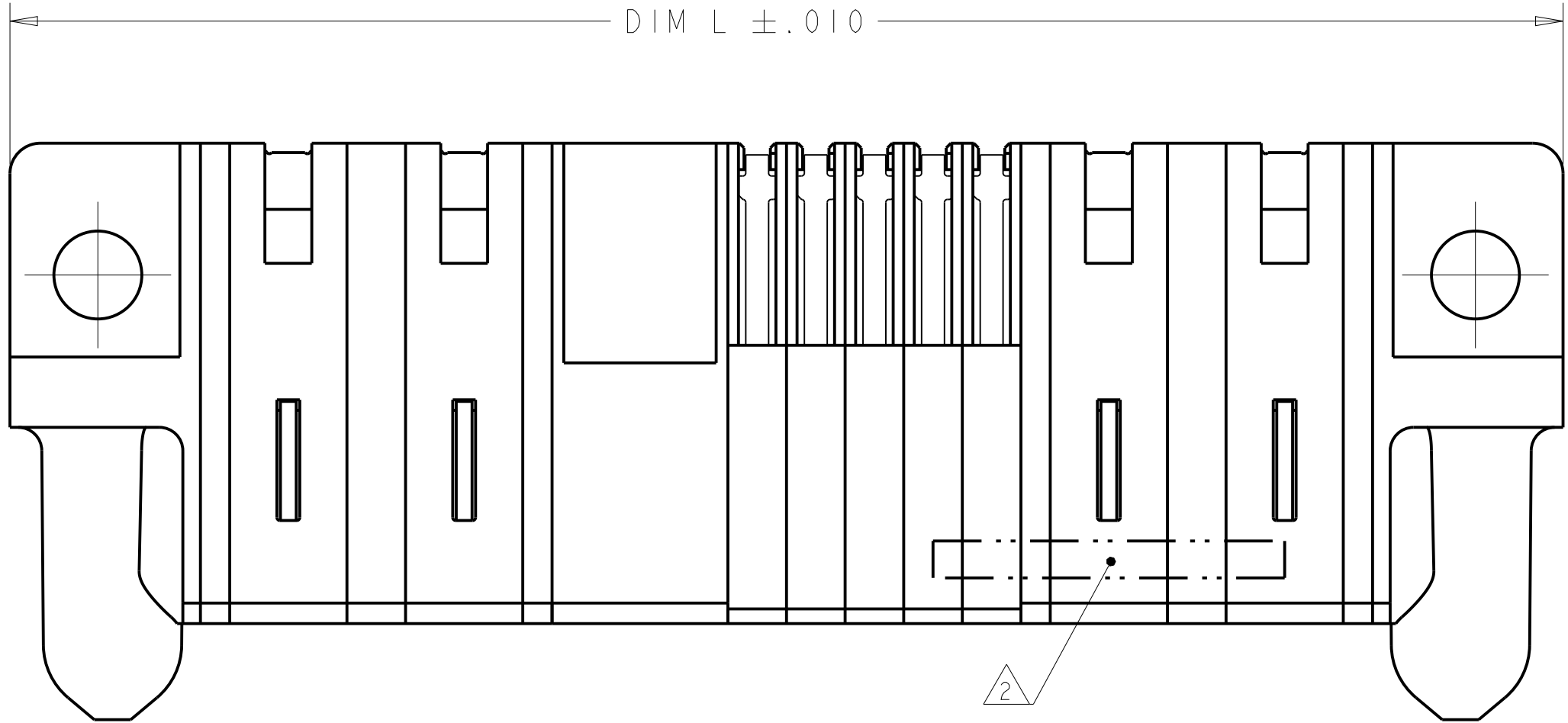
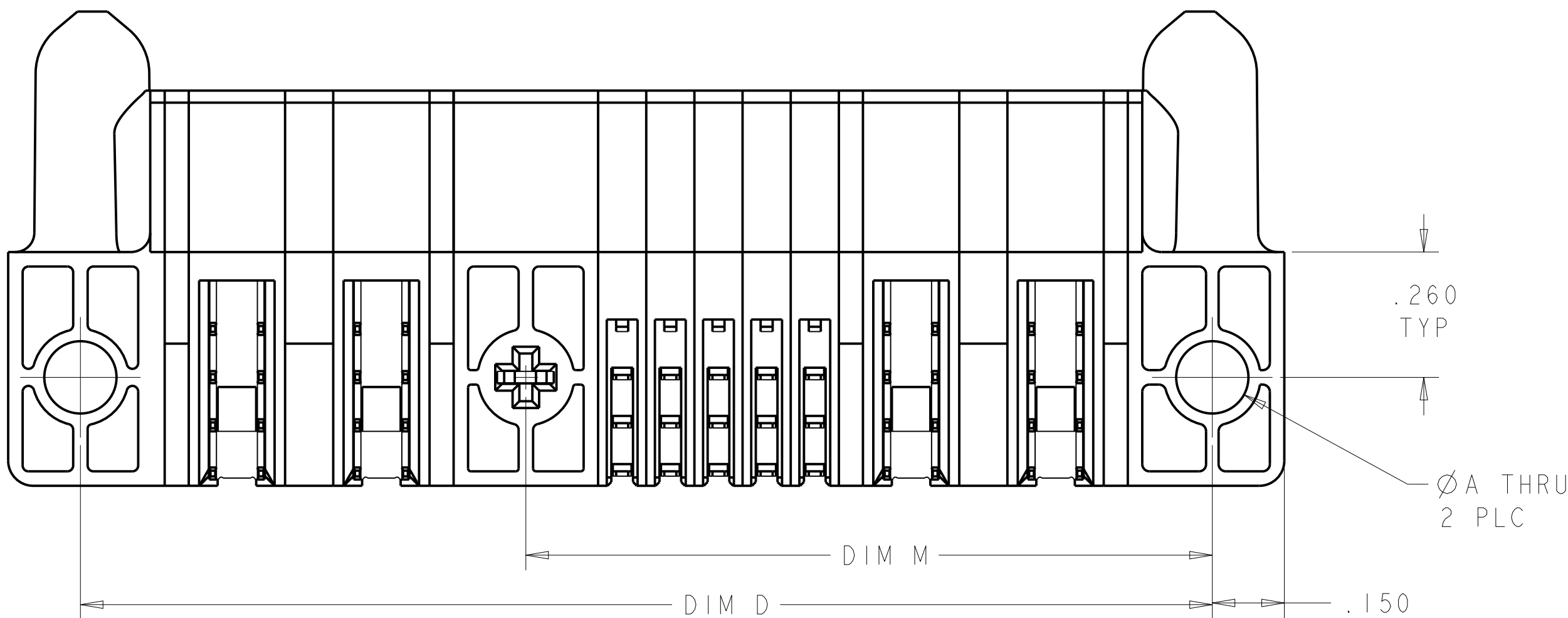
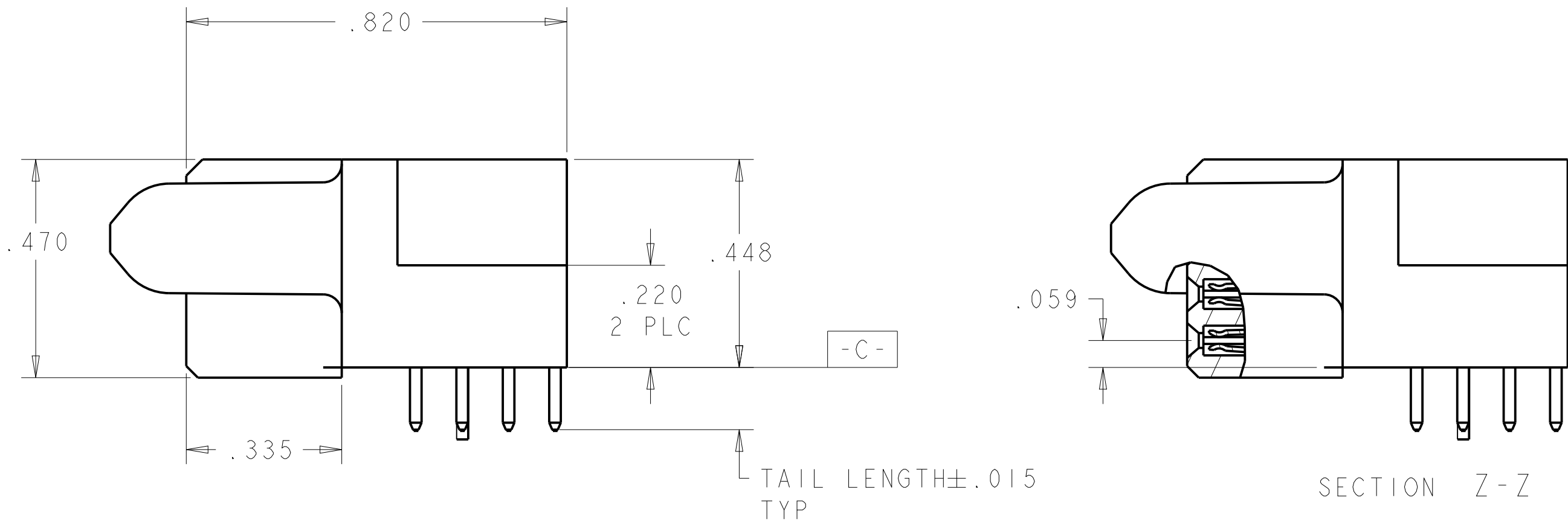
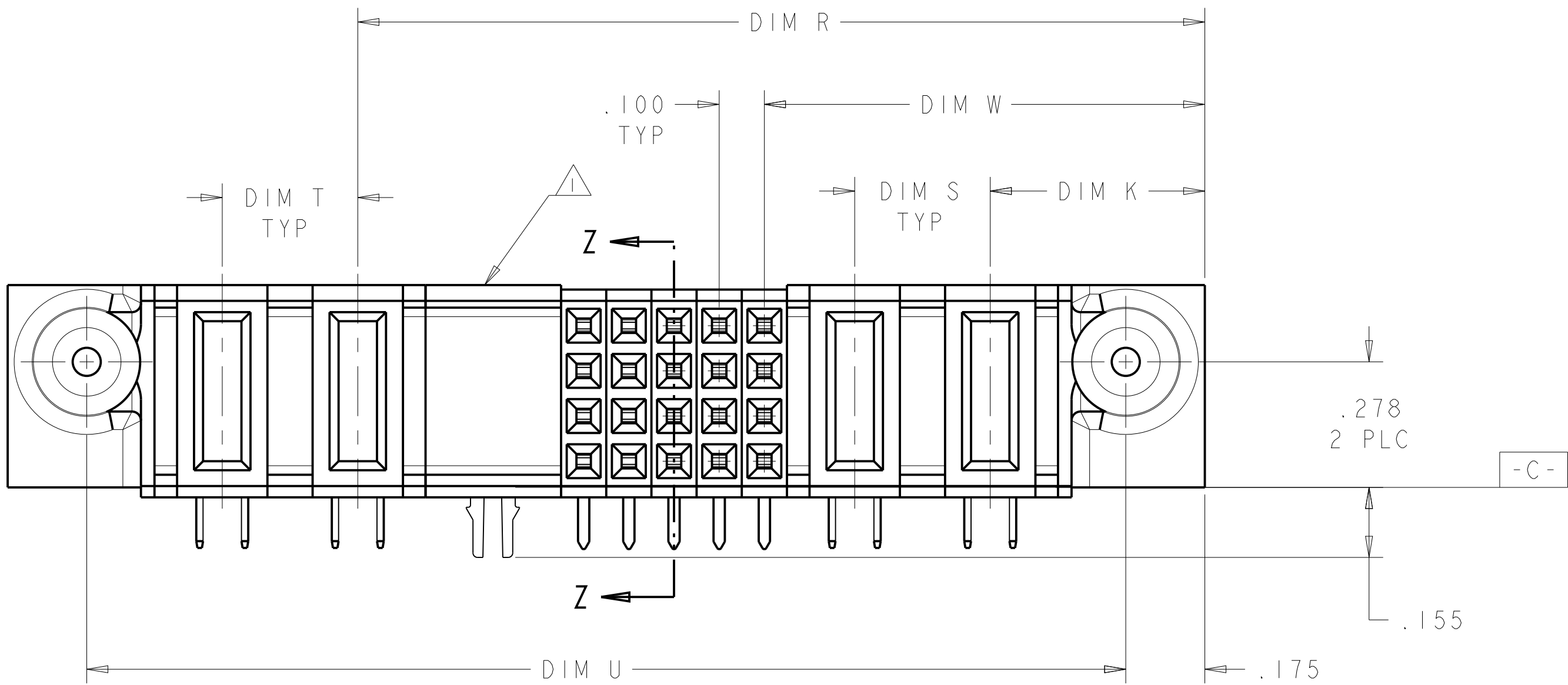


| REVISIONS |     |                     |           |     |      |
|-----------|-----|---------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION         | DATE      | DWN | APVD |
|           | H5  | ADD NEW DASH NUMBER | 24APR2014 | CZ  | SZ   |
|           |     |                     |           |     |      |
|           |     |                     |           |     |      |
|           |     |                     |           |     |      |



- 1 OPTIONAL CENTER MODULE, WITH .150 THRU HOLE OR HOLD DOWN FEATURE.
- 2 "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN.
- 3 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O,BLACK.  
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY  
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 4 CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
- 5 MECHANICAL CONNECTOR KEEP OUT ZONE.
- 6 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 7 PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- 8 PCB - 0.0453 +/- .0010 DRILLLED HOLES PLATED WITH .0003 MIN. Sn OVER .001 TO .003 CU PLATING TO ACHIEVE A .040±.003 HOLE.
- 9 VARIABLE DIMENSION SHOW ON VIEW (SHEET 3).



|    |       |       |       |       |       |       |       |       |       |       |                      |             |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|-------------|
| H5 | .122  | -     | .250  | 2.750 | 2.650 | 1.375 | 2.800 | -     | 3.100 | .450  | 4P + 48S + 1P        | 1-6450360-6 |
|    | .122  | -     | .200  | 2.700 | 2.600 | 1.425 | 2.750 | -     | 3.050 | .450  | 5P+44S+1P            | 1-6450360-5 |
|    | .150  | .200  | .200  | 1.600 | 1.300 | .825  | 1.650 | -     | 1.950 | .450  | 2HDP + 16S + 2HDP    | 1-6450360-4 |
|    | .150  | .200  | .200  | 2.400 | 2.100 | .825  | 2.450 | -     | 2.750 | .450  | 2P + 48S + 2P        | 1-6450360-3 |
|    | .150  | -     | -     | 1.200 | 1.100 | .625  | 1.250 | -     | 1.550 | .450  | 1P + 16S + 1P        | 1-6450360-2 |
|    | .150  | 9     | .250  | 2.550 | 1.550 | .875  | 2.600 | -     | 2.900 | .450  | 2P + 24S + 1P + 3ACP | 1-6450360-1 |
|    | .150  | .200  | 9     | 2.750 | 1.450 | 1.175 | 2.800 | -     | 3.100 | .450  | 3P + 8S + 7HDP       | 1-6450360-0 |
|    | .150  | .300  | .250  | 3.200 | 2.475 | 1.875 | 3.250 | -     | 3.550 | .450  | 6P + 16S + 3ACP      | 6450360-9   |
|    | .150  | .250  | .250  | 1.600 | 1.250 | .925  | 1.650 | -     | 1.950 | .450  | 2P + 8S + 2P         | 6450360-8   |
|    | .150  | .250  | .250  | 1.600 | 1.250 | .875  | 1.650 | -     | 1.950 | .450  | 2P + 12S + 2P        | 6450360-7   |
|    | .150  | .300  | .300  | 2.000 | 1.575 | .975  | 2.050 | -     | 2.350 | .475  | 2P + 20S + 2P        | 6450360-1   |
|    | DIM A | DIM T | DIM S | DIM U | DIM R | DIM W | DIM D | DIM M | DIM L | DIM K | DESCRIPTION          | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01  
1 PLC ±.01  
2 PLC ±.01  
3 PLC ±.005  
4 PLC ±.0020  
ANGLES ±.020

FINISH

DWN R.GRZYBOWSKI  
CHK M.PERCHEKKE  
APVD M.PERCHEKKE

PRODUCT SPEC  
108-1973

APPLICATION SPEC  
114-13038

WEIGHT

CUSTOMER DRAWING

08APR05  
08APR05

NAME

RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

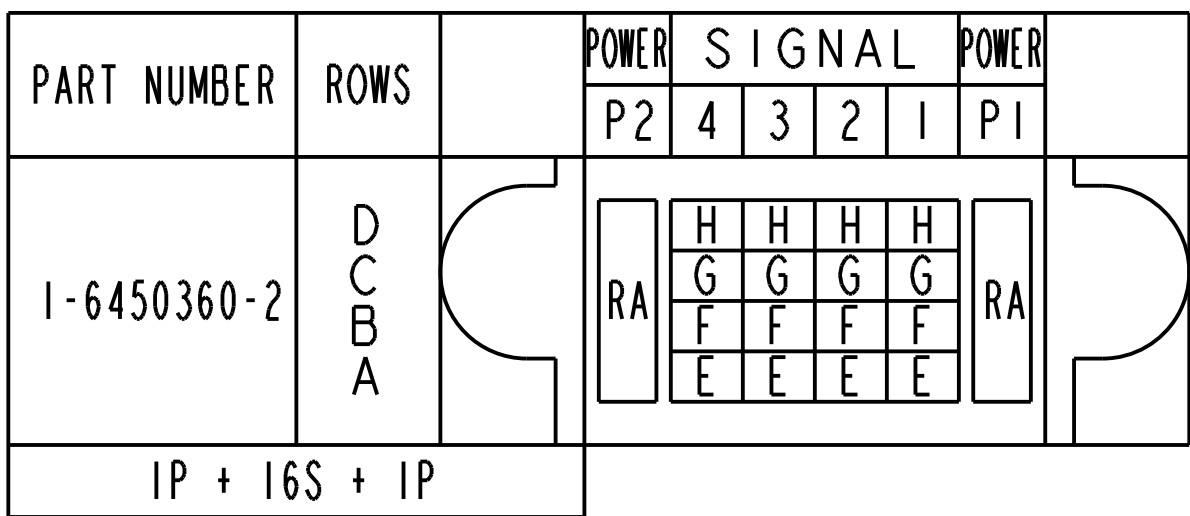
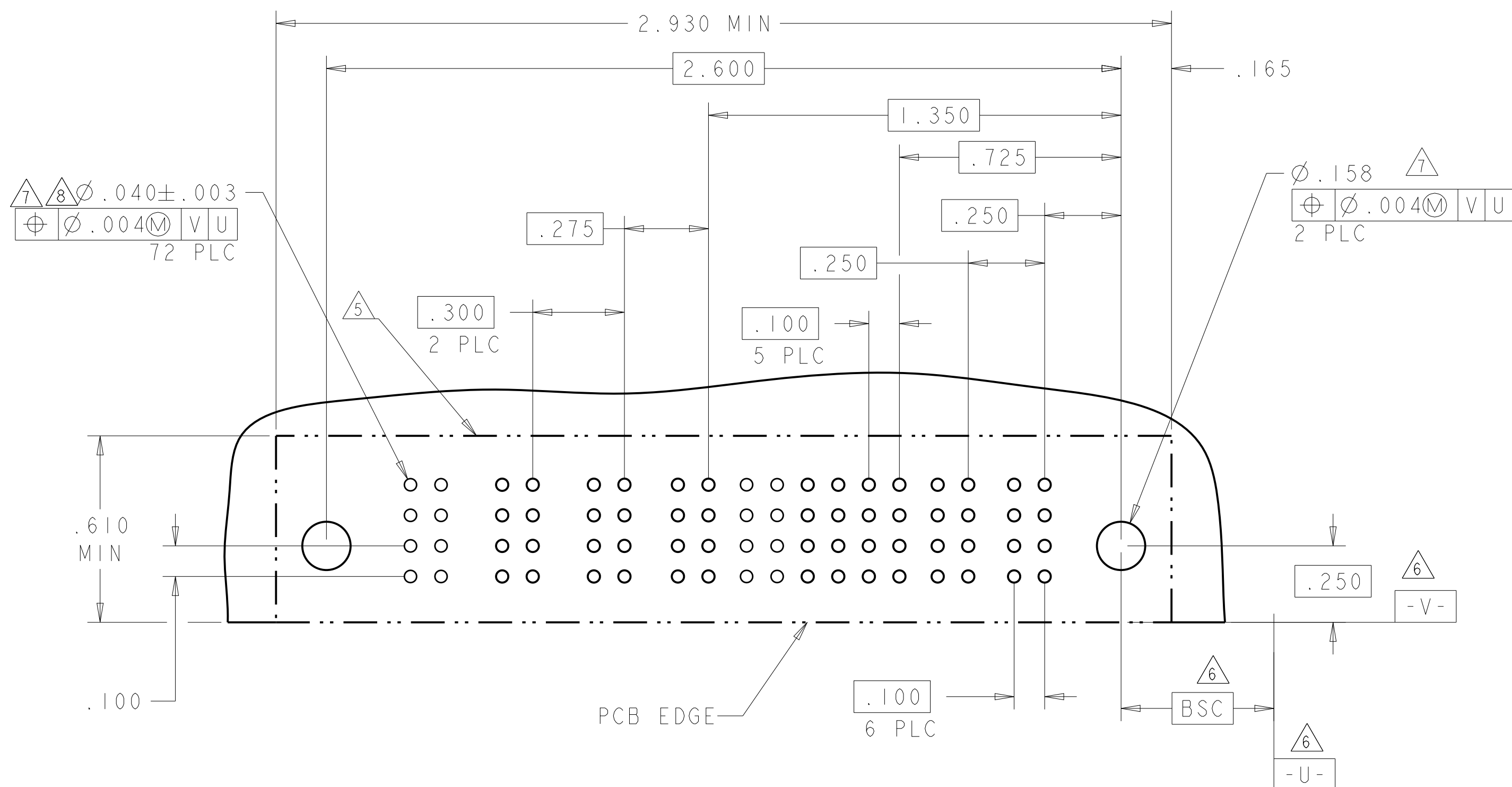
SIZE A1  
CAGE CODE 100779  
DRAWING NO 6450360

RESTRICTED TO

SCALE 4:1  
SHEET 1 OF 6  
REV H5



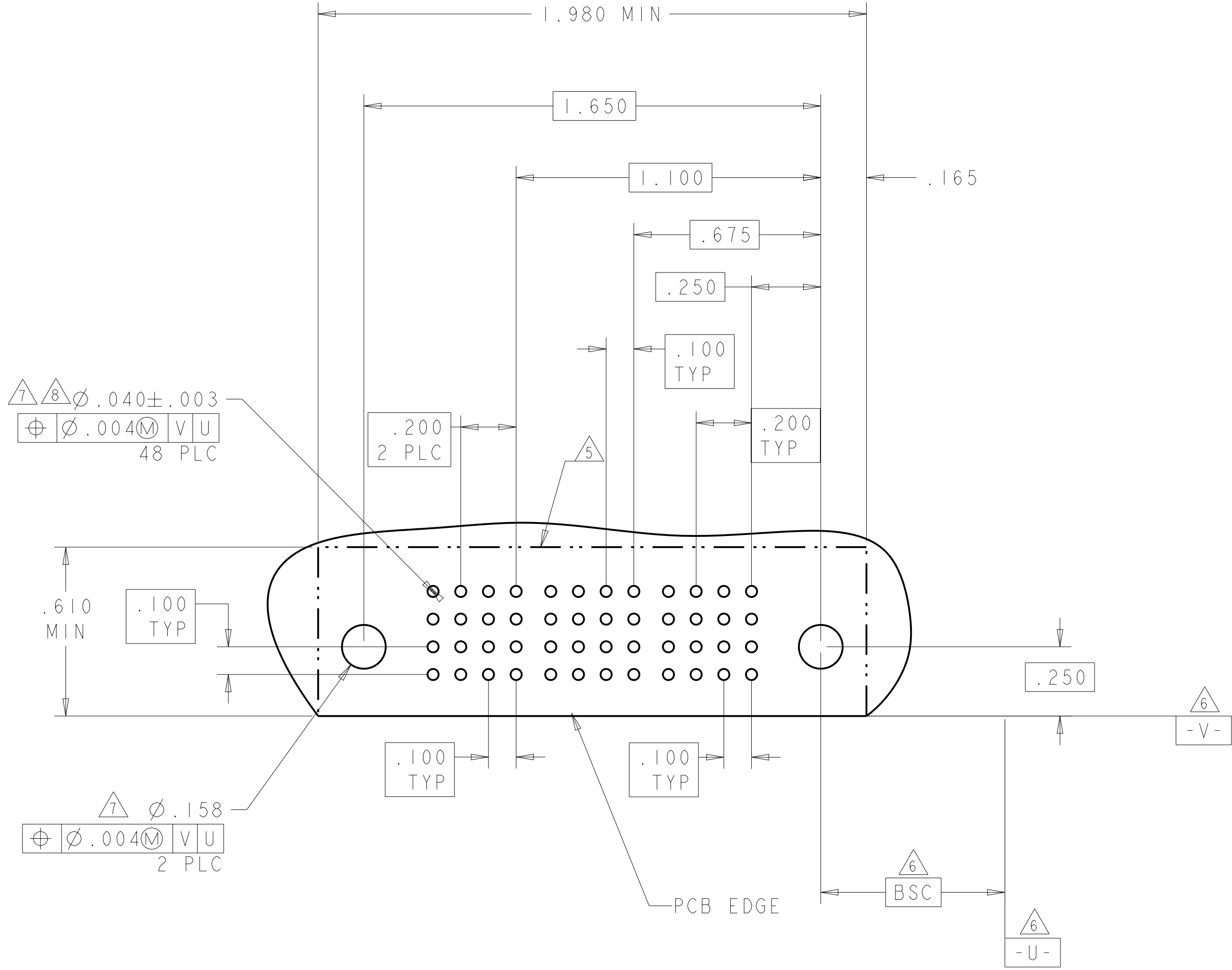
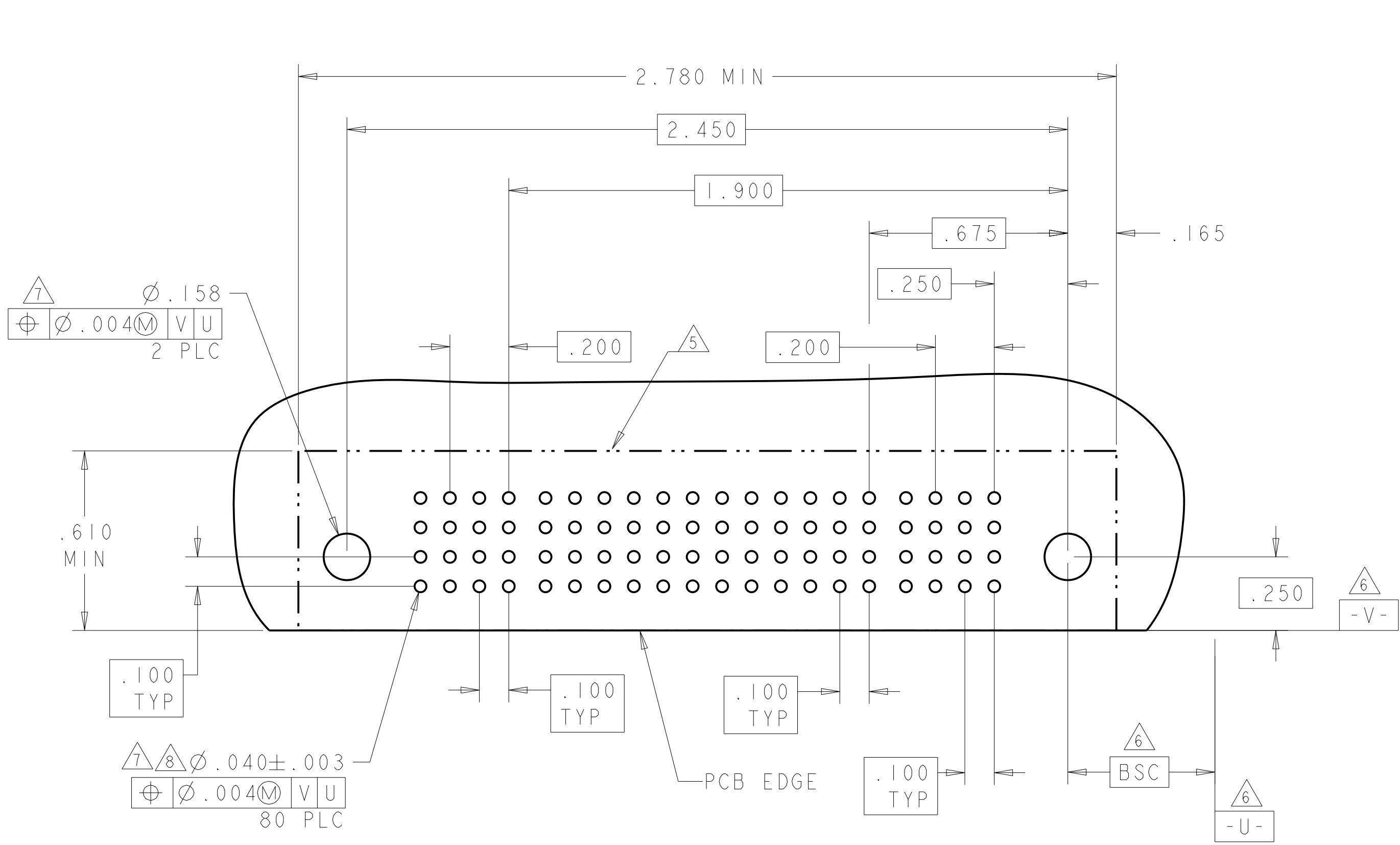
| PART NUMBER          | ROWS             |                                                                                     | POWER                                                                                                                                                                        |                                                                                     |                                                                                     |                                                                                     | SIGNAL                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     | POWER                                                                               |                                                                                     |                                                                                     |
|----------------------|------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                      |                  |                                                                                     | P6                                                                                                                                                                           | P5                                                                                  | P4                                                                                  | P3                                                                                  | 6                                                                                   | 5                                                                                   | 4                                                                                   | 3                                                                                   | 2                                                                                   | 1                                                                                   | P2                                                                                  |                                                                                     |
| 1-6450360-1          | D<br>C<br>B<br>A |  |                                                                                           |  |  |  |  |  |  |  |  |  |  |  |
|                      |                  |                                                                                     |                                                                                                                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                      |                  |                                                                                     |                                                                                                                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                      |                  |                                                                                     |                                                                                                                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 2P + 24S + 1P + 3ACP |                  |                                                                                     |  .275  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

4805 (3/13)

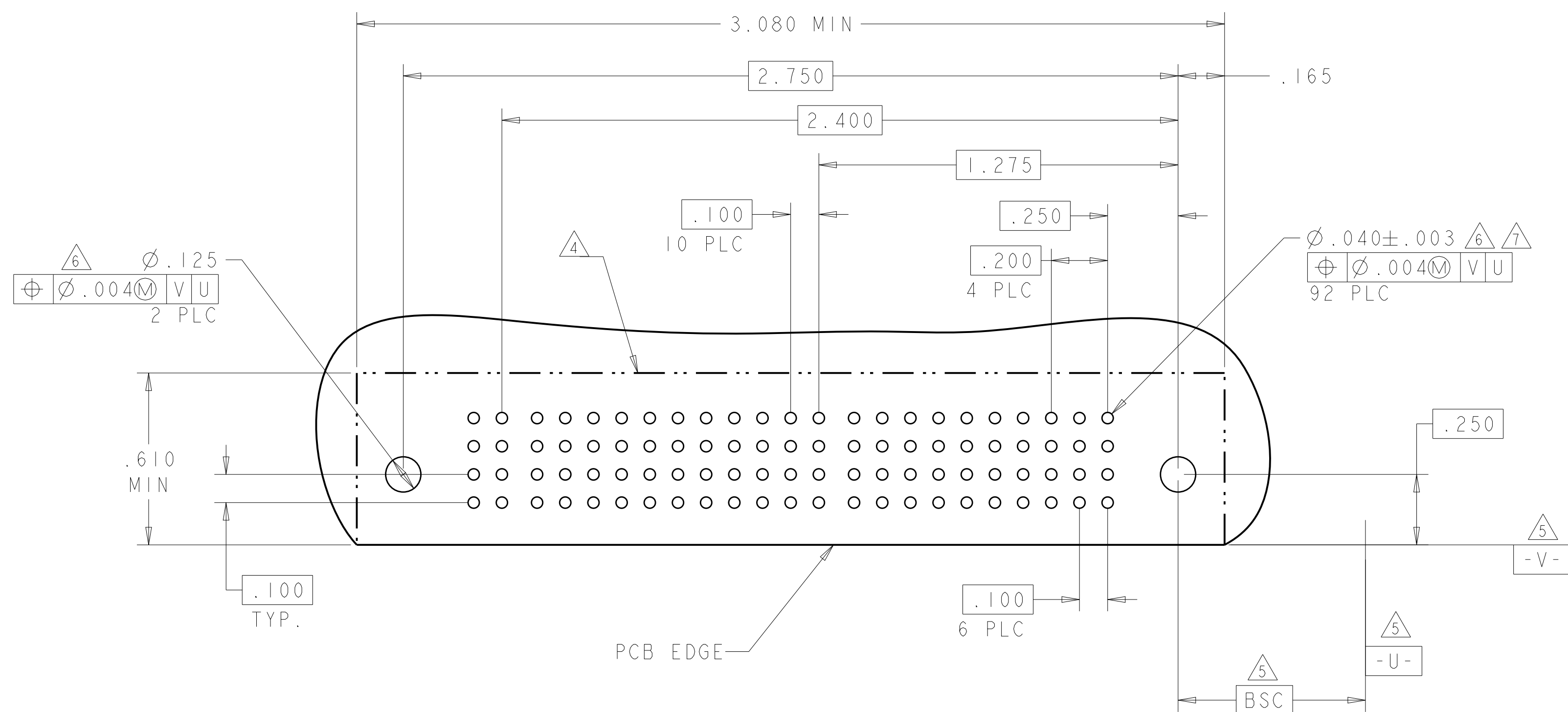
| REVISIONS |     |             |      |     |
|-----------|-----|-------------|------|-----|
| P         | LTR | DESCRIPTION | DATE | OWN |
| -         | -   | SEE SHEET 1 | -    | -   |
|           |     |             |      |     |
|           |     |             |      |     |
|           |     |             |      |     |

| PART NUMBER   | ROWS |                                                                                   | POWER |    | SIGNAL |    |    |   |   |   |   |   |   |   |   |    | POWER |                                                                                     |  |
|---------------|------|-----------------------------------------------------------------------------------|-------|----|--------|----|----|---|---|---|---|---|---|---|---|----|-------|-------------------------------------------------------------------------------------|--|
|               |      |                                                                                   | P4    | P3 | 12     | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1  | P2    | P1                                                                                  |  |
| 1-6450360-3   | D    |  | RM    | RM | H      | H  | H  | H | H | H | H | H | H | H | H | RM | RM    |  |  |
|               | G    |                                                                                   |       |    | G      | G  | G  | G | G | G | G | G | G | G |   |    |       |                                                                                     |  |
|               | F    |                                                                                   |       |    | F      | F  | F  | F | F | F | F | F | F | F | F |    |       |                                                                                     |  |
|               | E    |                                                                                   |       |    | E      | E  | E  | E | E | E | E | E | E | E | E |    |       |                                                                                     |  |
| 2P + 48S + 2P |      |                                                                                   |       |    |        |    |    |   |   |   |   |   |   |   |   |    |       |                                                                                     |  |

| PART NUMBER   | ROWS |   | POWER |    | SIGNAL |   |   |   | POWER |    |   |
|---------------|------|---|-------|----|--------|---|---|---|-------|----|---|
|               |      |   | P4    | P3 | 4      | 3 | 2 | 1 | P2    | P1 |   |
| 1-6450360-4   | D    | C | RM    | RM | H      | H | H | H | RM    | RM | D |
|               | C    |   |       |    | G      | G | G | G |       |    |   |
|               | B    |   |       |    | F      | F | F | F |       |    |   |
|               | A    |   |       |    | E      | E | E | E |       |    |   |
| 2P + 16S + 2P |      |   |       |    |        |   |   |   |       |    |   |



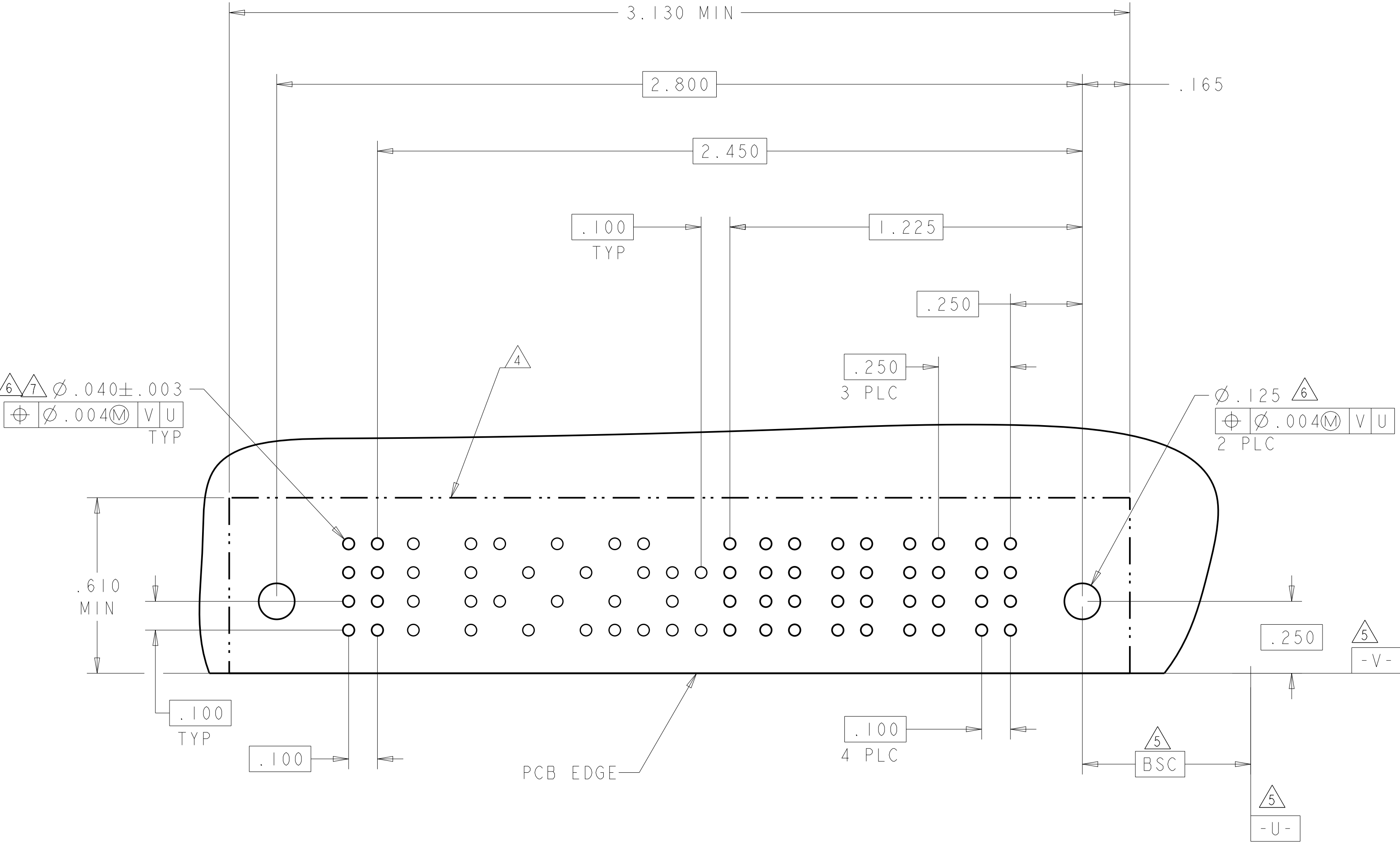
|                                        |  |                      |         |                                                                         |  |
|----------------------------------------|--|----------------------|---------|-------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | OWN<br>R. GRZYBOWSKI | 08APR05 | TE Connectivity                                                         |  |
|                                        |  | CHK<br>M. PERCHERKE  | 08APR05 |                                                                         |  |
| DIMENSIONS:                            |  | APVD<br>M. PERCHERKE | -       | NAME<br>RIGHT ANGLE RECEPTACLE ASSEMBLY<br>WITH GUIDES<br>MULTI-BEAM XL |  |
| INCHES                                 |  | PRODUCT SPEC         | -       |                                                                         |  |
|                                        |  | 108-1973             | -       | SIZE<br>A1                                                              |  |
|                                        |  | APPLICATION SPEC     | -       |                                                                         |  |
| MATERIAL                               |  | 114-13038            | -       | CAGE CODE<br>6450360                                                    |  |
|                                        |  | FINISH               | -       |                                                                         |  |
|                                        |  | WEIGHT               | -       | CUSTOMER DRAWING                                                        |  |
|                                        |  |                      | -       |                                                                         |  |
|                                        |  | SCALE<br>4:1         |         | SHEET<br>4 OF 6                                                         |  |
|                                        |  |                      |         | REV<br>H5                                                               |  |

[illegible]4805 (3/13)

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| -         | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |

| PART NUMBER   | ROWS |                                                                                   | POWER |    | SIGNAL |    |   |   |   |   |   |   |   |   |   |    | POWER |    |    |                                                                                     |  |
|---------------|------|-----------------------------------------------------------------------------------|-------|----|--------|----|---|---|---|---|---|---|---|---|---|----|-------|----|----|-------------------------------------------------------------------------------------|--|
|               |      |                                                                                   | P5    | I2 | I1     | I0 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | P4 | P3    | P2 | P1 |                                                                                     |  |
| 1-6450360-6   | D    |  | RM    | H  |        | H  | H |   | H |   | H | H |   |   | H | RM | RM    | RM | RM |  |  |
|               | G    |                                                                                   |       |    | G      |    | G |   | G | G | G | G |   |   |   |    |       |    |    |                                                                                     |  |
|               | F    |                                                                                   |       |    | F      | F  |   | F |   | F |   | F |   | F |   |    |       |    |    |                                                                                     |  |
|               | E    |                                                                                   |       |    | E      |    | E |   | E | E | E | E | E | E |   |    |       |    |    |                                                                                     |  |
| 4P + 48S + 1P |      |                                                                                   |       |    |        |    |   |   |   |   |   |   |   |   |   |    |       |    |    |                                                                                     |  |

BLANK SIGNAL PINS ARE UNLOADED



|                                        |                                                                                                                                         |                                                                     |                                                                   |                    |                         |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------|--------------------|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                                                                         | DWN<br>R.GRZYBOWSKI<br>CHK<br>M.PERCHEKKE<br>APVD<br>M.PERCHEKKE    | 08APR05<br>08APR05<br>-                                           | TE Connectivity    |                         |
| DIMENSIONS:<br>INCHES                  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±.01<br>1 PLC ±.01<br>2 PLC ±.01<br>3 PLC ±.005<br>4 PLC ±.0020<br>ANGLES ±2°<br>FINISH | PRODUCT SPEC<br>108-1973<br>APPLICATION SPEC<br>114-13038<br>WEIGHT | NAME<br>RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL |                    |                         |
| MATERIAL<br>-                          | -                                                                                                                                       | CUSTOMER DRAWING                                                    | SIZE<br>A1                                                        | CAGE CODE<br>00779 | DRAWING NO<br>C=6450360 |
| SCALE<br>4:1                           |                                                                                                                                         |                                                                     | SHEET<br>6                                                        |                    | OF<br>6                 |
| REV<br>H5                              |                                                                                                                                         |                                                                     |                                                                   |                    |                         |