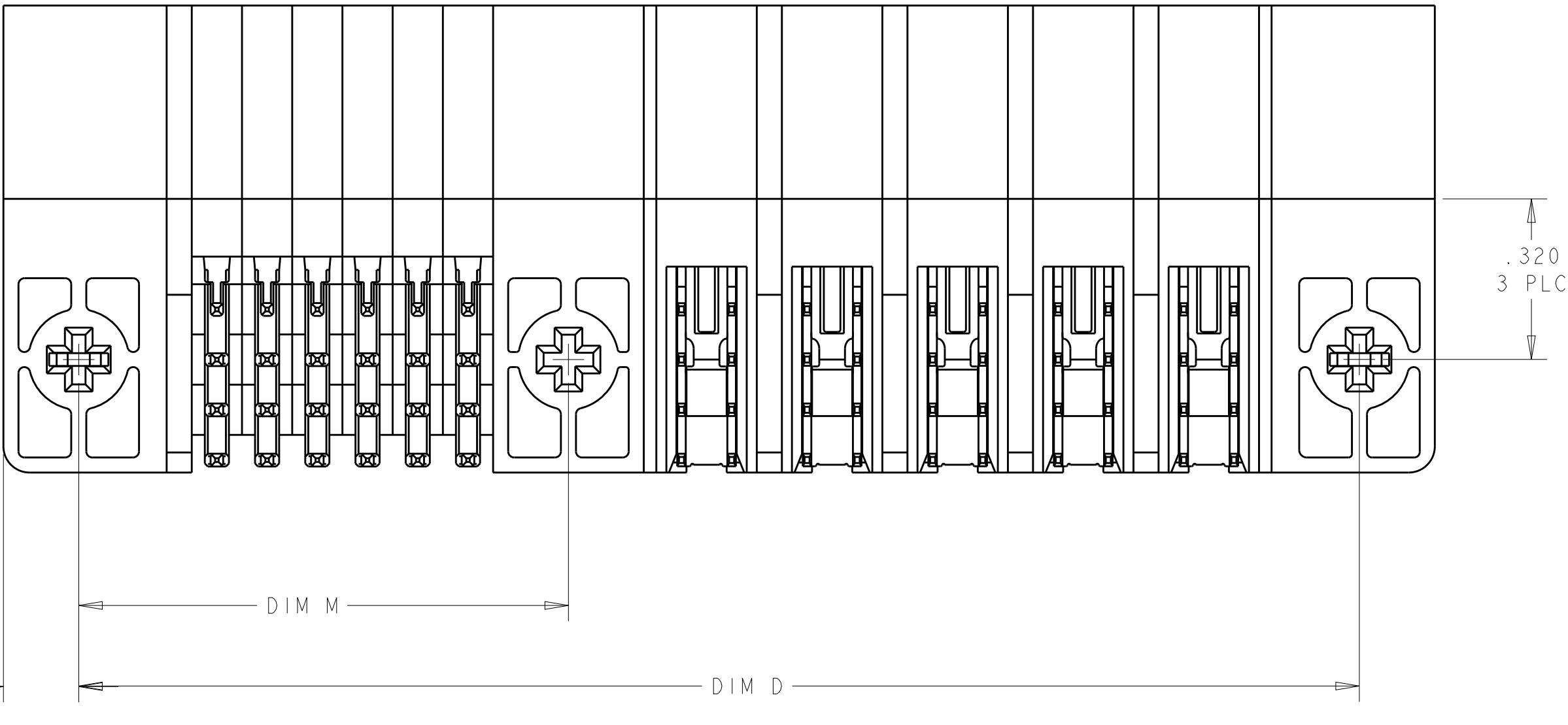
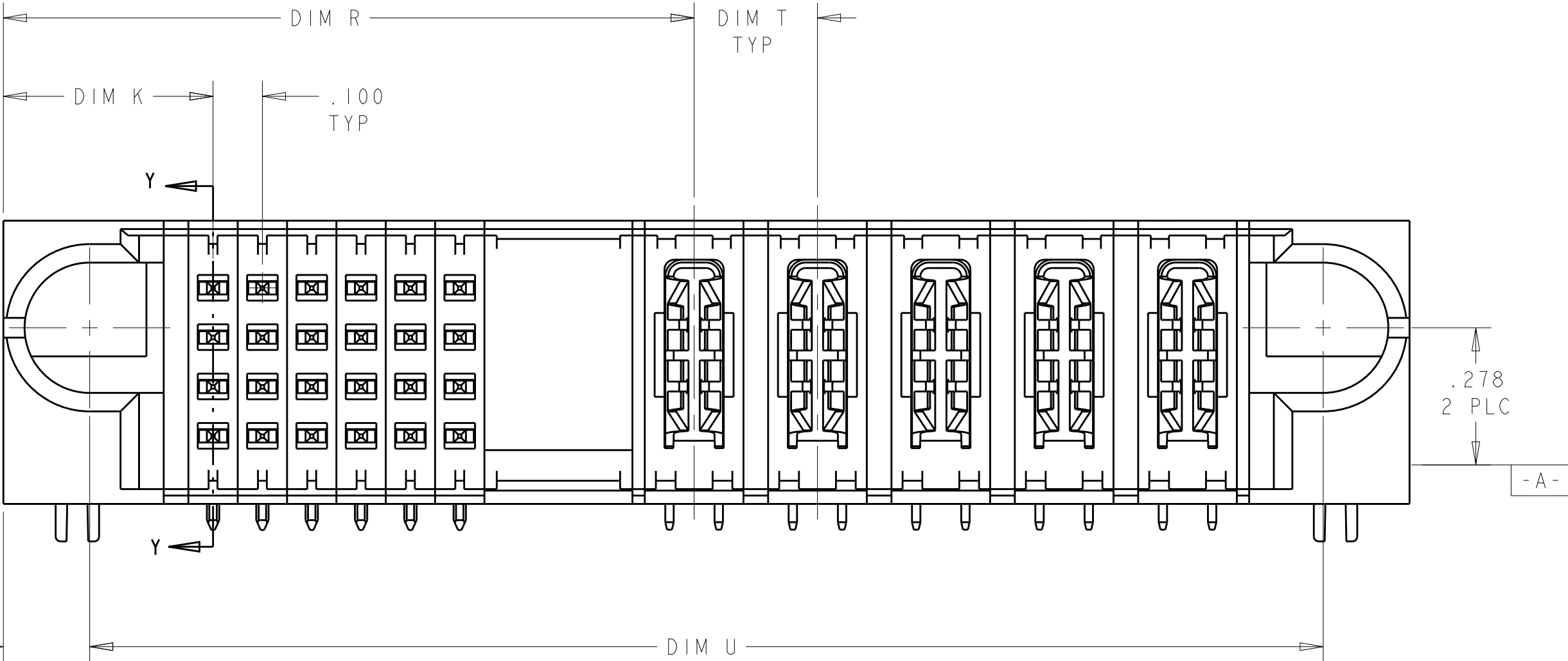
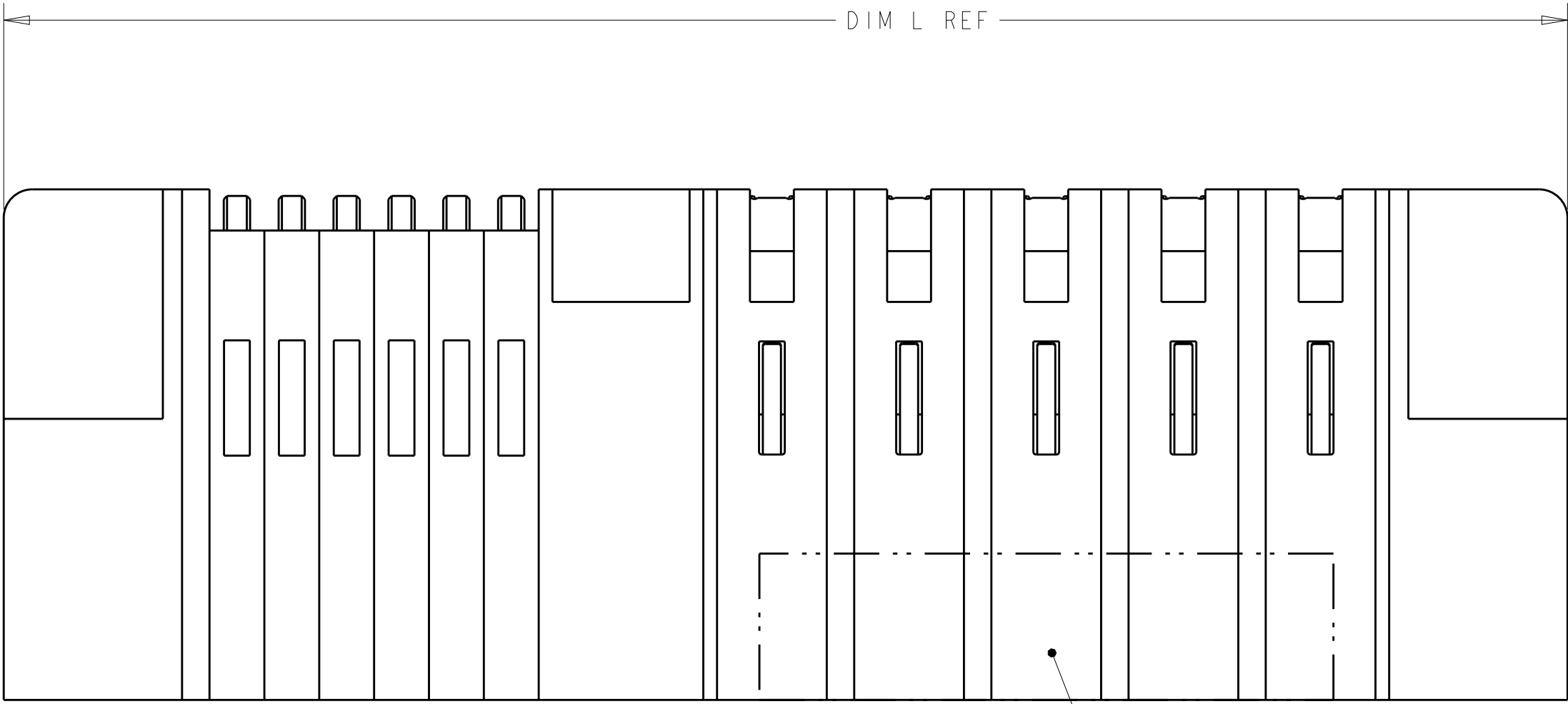
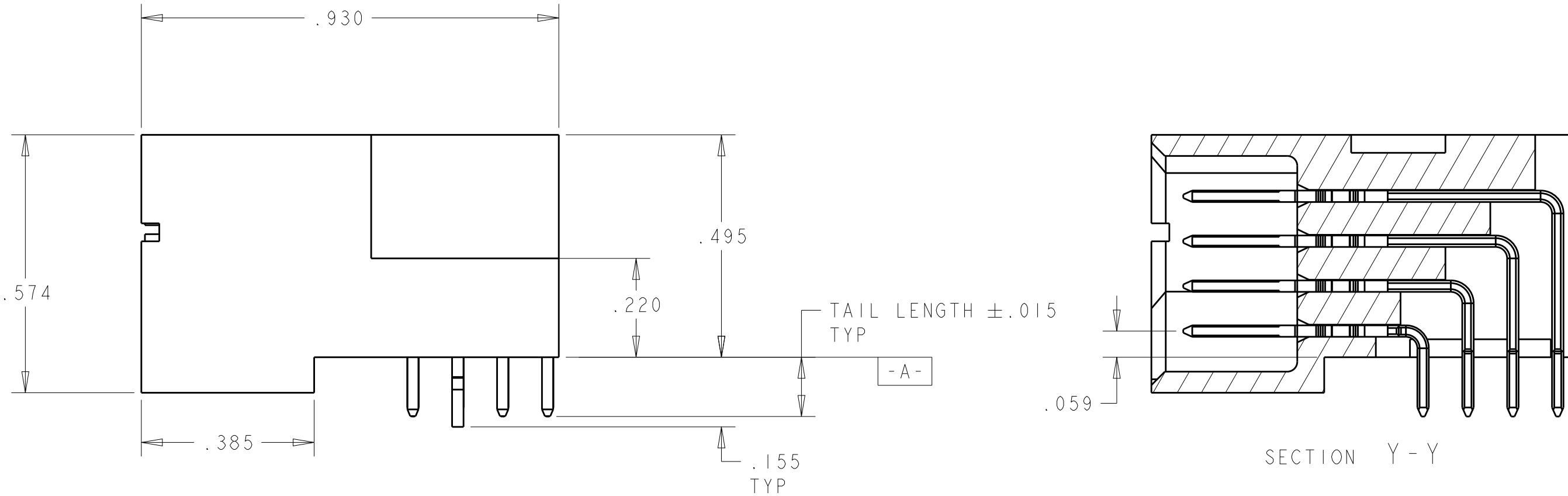
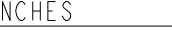


| LOC | DIST | REVISIONS |     |                         |           |     |      |  |
|-----|------|-----------|-----|-------------------------|-----------|-----|------|--|
|     |      | P         | LTR | DESCRIPTION             | DATE      | DWN | APVD |  |
| ES  | 00   |           | G   | ADD NEW DASH NUMBER 2-8 | 15DEC2014 | CZ  | SZ   |  |
|     |      |           | G1  | ADD NEW DASH NUMBER 2-9 | 13FEB2015 | CZ  | SZ   |  |
|     |      |           | G2  | REV PER ECO-17-013298   | 11SEP2017 | WY  | SZ   |  |
|     |      |           |     |                         |           |     |      |  |



1. CENTER MODULE OPTION AVAILABLE
- 2 "AMP", PART NUMBER, AND DATECODE TO BE MARKED IN AREA SHOWN.
- 3 MATERIAL:  
HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0  
SIGNAL CONTACT - COPPER ALLOY  
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 4 CONTACT PLATING:  
NOBLE METAL PLATED ON THE 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- .0453±.0010 DRILLED HOLES PLATED WITH .0003  
MIN Sn OVER .001 TO .003 CU PLATING  
TO ACHIEVE A .040±.003 DIA HOLE
- 9 VARIABLE DIMENSION, SEE SHEET 2
- 10 FOR DETAIL DIMENSION ,PLEASE REFER TO TABLE



|                                                                                       |                                        |                           |                                                                                                       |                                                   |                                |
|---------------------------------------------------------------------------------------|----------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                        | DWN R. GRZYBOWSKI 02FEB05 |  TE Connectivity |                                                   |                                |
| DIMENSIONS:<br>INCHES                                                                 |                                        | CHK M. PERCHERKE 02FEB05  |                                                                                                       |                                                   |                                |
|  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |                           | NAME                                                                                                  | RIGHT ANGLE HEADER ASSY W/GUIDES<br>MULTI-BEAM XL |                                |
|                                                                                       | 0 PLC ±.01                             |                           | APVD M. PERCHERKE                                                                                     |                                                   |                                |
|                                                                                       | 1 PLC ±.01                             |                           | PRODUCT SPEC                                                                                          |                                                   |                                |
|                                                                                       | 2 PLC ±.01                             |                           | 108-1973                                                                                              |                                                   |                                |
|  | 3 PLC ±.005                            |                           | APPLICATION SPEC                                                                                      | SIZE CAGE CODE DRAWING NO RESTRICTED TO           |                                |
|                                                                                       | 4 PLC ±.0020                           |                           | 114-13038                                                                                             |                                                   |                                |
|                                                                                       | ANGLES ±.2°                            |                           | WEIGHT                                                                                                |                                                   |                                |
|                                                                                       | FINISH                                 |                           | A100779C=6450121                                                                                      |                                                   |                                |
| MATERIAL                                                                              |                                        | 3                         | 4                                                                                                     | CUSTOMER DRAWING                                  | SCALE N/A SHEET 1 OF 13 REV G2 |

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

|    |       |       |       |       |       |       |       |             |             |
|----|-------|-------|-------|-------|-------|-------|-------|-------------|-------------|
| G2 | 1.125 | -     | -     | -     | 1.175 | .400  | 1.475 | 32S         | 3-6450121-0 |
|    | .800  | -     | -     | -     | .850  | .375  | 1.150 | 20S         | 2-6450121-9 |
|    | 1.875 | -     | -     | -     | 1.875 | .400  | 2.175 | 60S         | 2-6450121-8 |
|    | 2.950 | .200  | -     | 1.050 | 3.000 | .375  | 3.300 | 24S + 10P   | 2-6450121-7 |
|    | 2.650 | .250  | -     | 1.050 | 2.700 | .375  | 3.000 | 24S + 7P    | 2-6450121-5 |
|    | 2.400 | .250  | -     | 1.050 | 2.450 | .375  | 2.750 | 24S + 6P    | 2-6450121-4 |
|    | 2.900 | .250  | -     | 1.050 | 2.950 | .375  | 3.250 | 24S + 8P    | 2-6450121-3 |
|    | 2.000 | -     | -     | -     | 2.050 | .375  | 2.350 | 68S         | 2-6450121-2 |
|    | 1.100 | -     | -     | -     | 1.150 | .375  | 1.450 | 32S         | 2-6450121-1 |
|    | 6.075 | .200  | -     | 1.375 | 6.125 | .375  | 6.425 | 36S + 24P   | 2-6450121-0 |
|    | 4.025 |       | -     | 2.125 | 4.075 | .375  | 4.375 | 60S + 8P    | 1-6450121-9 |
|    | 2.925 | .200  | -     | 1.025 | 2.975 | .375  | 3.275 | 24S + 10P   | 1-6450121-8 |
|    | 2.400 | .250  | -     | 1.050 | 2.450 | .375  | 2.750 | 24S + 6P    | 1-6450121-6 |
|    | 1.700 | .250  | -     | .850  | 1.750 | .375  | 2.050 | 16S+4P      | 1-6450121-5 |
|    | 3.325 | -     | -     | -     | 3.375 | .400  | 3.675 | 120S        | 1-6450121-3 |
|    | 4.400 | .250  | -     | 1.050 | 4.450 | .375  | 4.750 | 24S + 14P   | 1-6450121-2 |
|    | 1.900 | .250  | -     | 1.050 | 1.950 | .375  | 2.250 | 24S + 4P    | 1-6450121-1 |
|    | 1.800 | .250  | -     | .950  | 1.850 | .375  | 2.150 | 20S + 4P    | 1-6450121-0 |
|    | 1.800 | .250  | -     | .950  | 1.850 | .375  | 2.150 | 20S + 4P    | 6450121-4   |
|    | 1.850 | .300  | -     | 1.125 | 1.900 | .375  | 2.200 | 24S + 3ACP  | 6450121-3   |
|    | 2.400 | .250  | -     | 1.050 | 2.450 | .375  | 2.750 | 24S + 6P    | 6450121-2   |
|    | 3.800 |       | -     | .900  | 3.850 | .400  | 4.150 | 12S + 11P   | 6450121-1   |
|    | DIM U | DIM T | DIM M | DIM R | DIM D | DIM K | DIM L | DESCRIPTION | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES

MATERIAL  
-

0 PLC  
1 PLC  
2 PLC  
3 PLC  
4 PLC

±"  
±.01  
±.005  
±.0020

ANGLES  
FINISH

±2°  
-

DWN  
R.GRZYBOWSKI

CHK  
M.PERCHERKE

APVD  
M.PERCHERKE

PRODUCT SPEC  
108-1973

APPLICATION SPEC  
114-13038

WEIGHT  
-

CUSTOMER DRAWING

02FEB05

02FEB05

NAME  
RIGHT ANGLE HEADER ASSY W/GUIDES  
MULTI-BEAM XL

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
6450121

RESTRICTED TO  
-

SCALE  
N/A

SHEET  
2

OF  
13

REV  
G2

TE

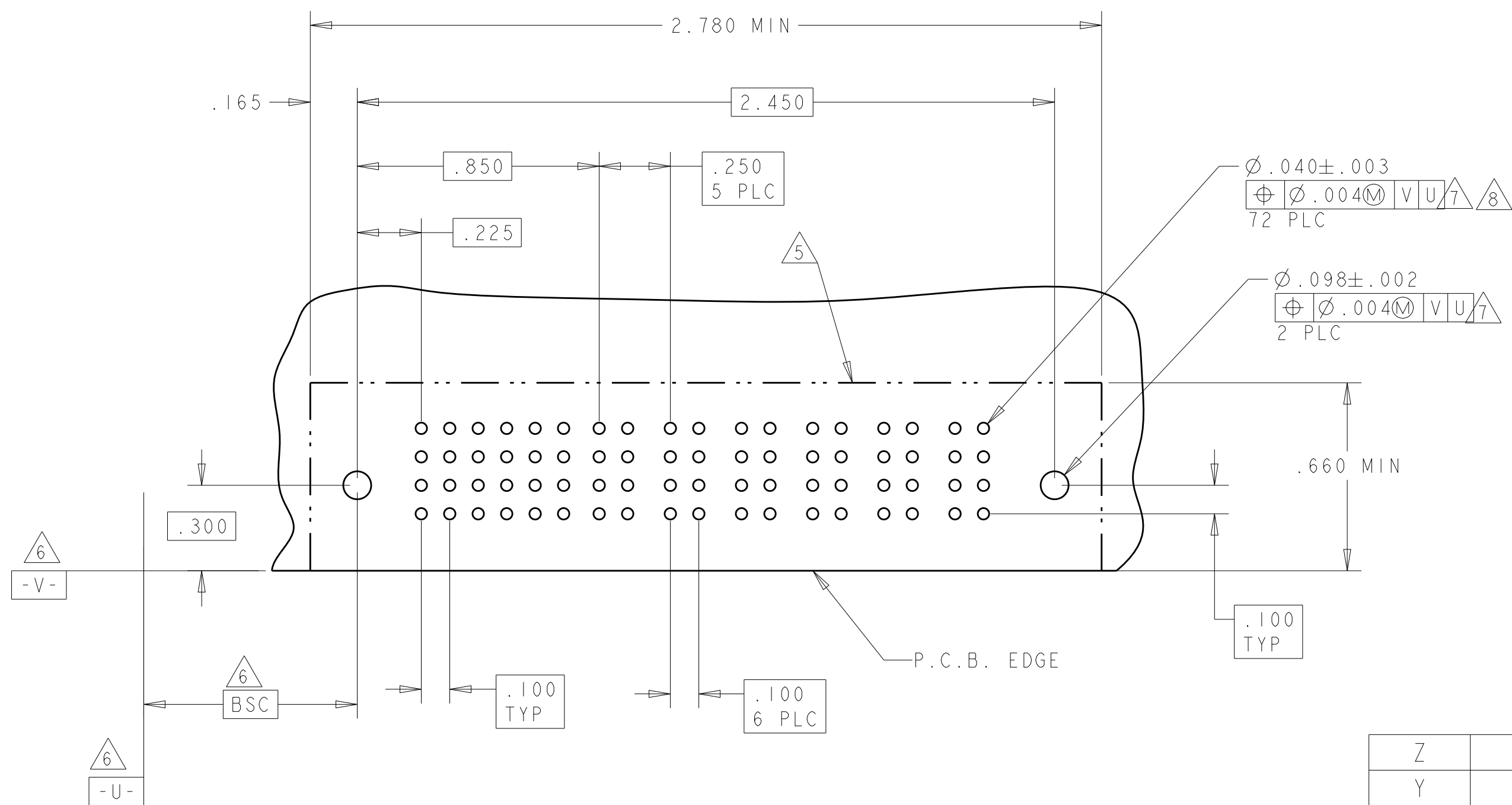
TE Connectivity

4805 (3/11)

[illegible]

| PART NUMBER | ROWS             |                                                                                     | SIGNAL |   |   |   |   |   | POWER                                                                               |    |    |    |    |                                                                                     |  |
|-------------|------------------|-------------------------------------------------------------------------------------|--------|---|---|---|---|---|-------------------------------------------------------------------------------------|----|----|----|----|-------------------------------------------------------------------------------------|--|
|             |                  |                                                                                     | 1      | 2 | 3 | 4 | 5 | 6 | P1                                                                                  | P2 | P3 | P4 | P5 | P6                                                                                  |  |
| 2-6450121-4 | D<br>C<br>B<br>A |  | J      | J | J | J | J | J |  | PM | PM | PM | PM |  |  |
|             |                  |                                                                                     | K      | K | K | K | K | K |                                                                                     |    |    |    |    |                                                                                     |  |
|             |                  |                                                                                     | N      | N | N | N | N | N |                                                                                     |    |    |    |    |                                                                                     |  |
|             |                  |                                                                                     | S      | S | S | S | S | S |                                                                                     |    |    |    |    |                                                                                     |  |
| 24S + 6P    |                  |  |        |   |   |   |   |   |                                                                                     |    |    |    |    |  |  |

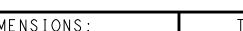
-NO CONTACTS LOADED



## 6450121-2 & 2-6450121-4 RECOMMENDED PCB LAYOUT

|                |                    |             |     |
|----------------|--------------------|-------------|-----|
| Z              | STD                | .090        | D   |
| Y              | STD                | .090        | C   |
| R              | STD                | .090        | B   |
| O              | STD                | .090        | A   |
| E              | MLBF               | .135        | D   |
| F              | MLBF               | .135        | C   |
| G              | MLBF               | .135        | B   |
| H              | MLBF               | .135        | A   |
| J              | STD                | .135        | D   |
| K              | STD                | .135        | C   |
| N              | STD                | .135        | B   |
| S              | STD                | .135        | A   |
| CODE           | MATING<br>SEQUENCE | TAIL LENGTH | ROW |
| SIGNAL CONTACT |                    |             |     |

|               |             |
|---------------|-------------|
| PA            | .090        |
| PM            | .135        |
| CODE          | TAIL LENGTH |
| POWER CONTACT |             |

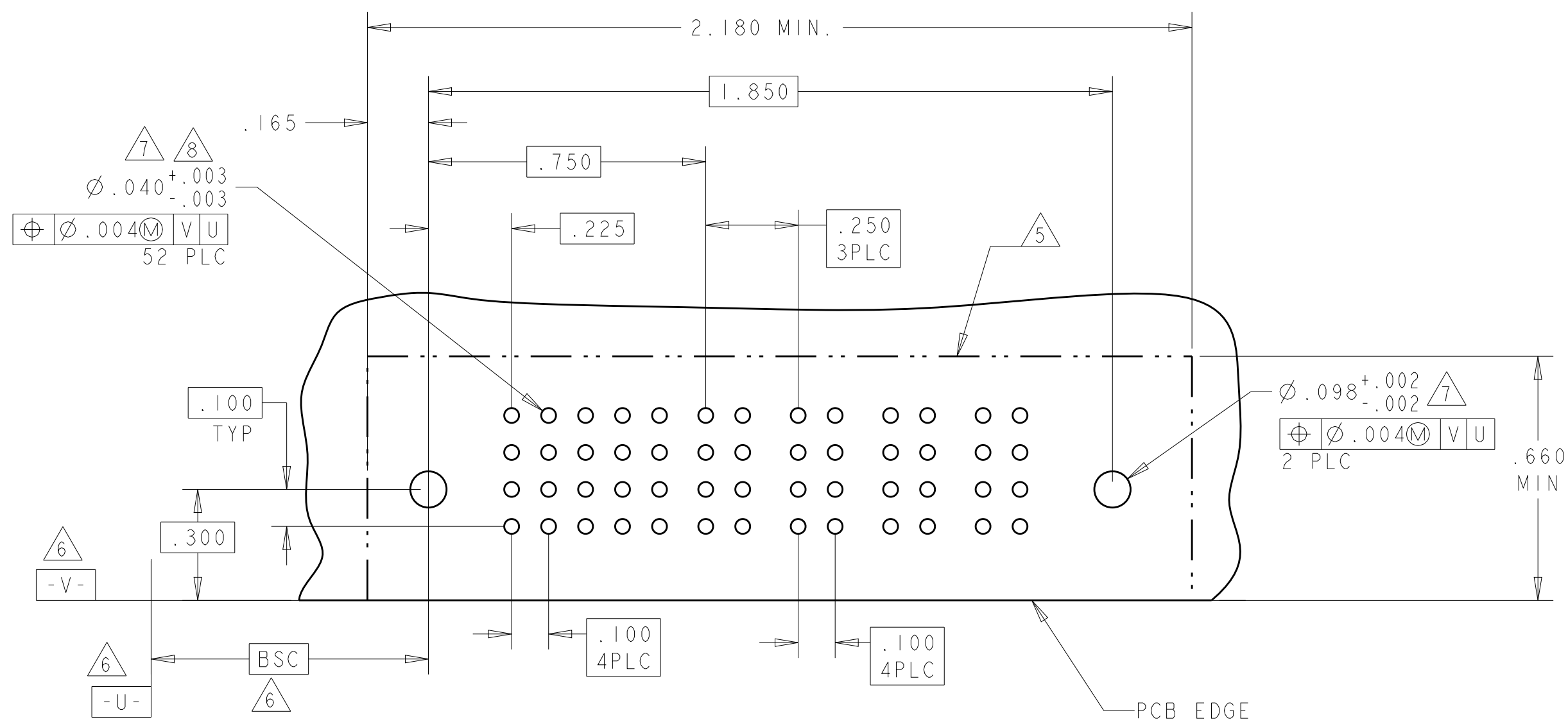
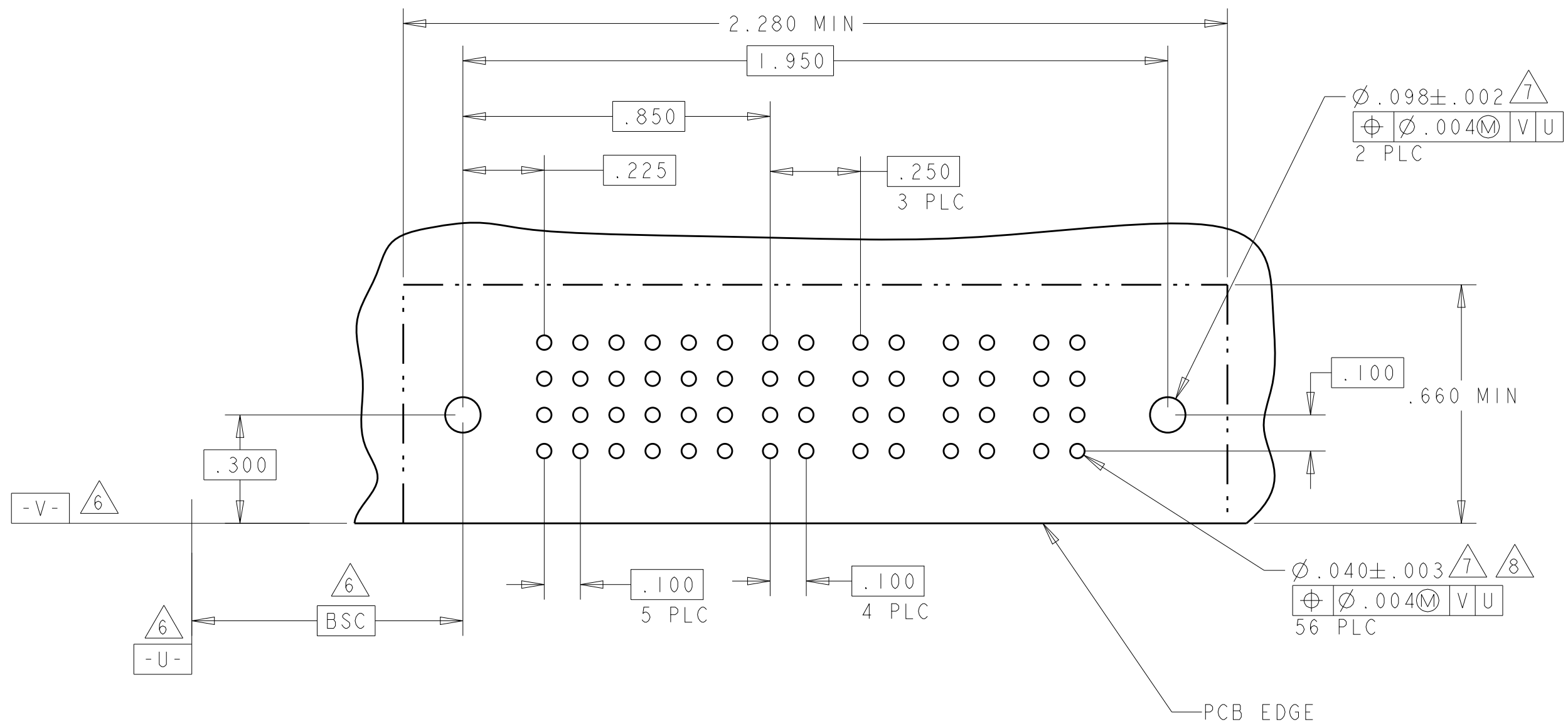
|                                                                                       |  |                                                                        |  |                                                           |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|------------------------------------------------------------------------|--|-----------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWA<br>CHG<br>M. PERCHERRE<br>KFD<br>M. PERCHERRE                      |  | 02FEB05<br>02FEB05                                        |  |  TE Connectivity |  |
| DIMENSIONS:<br>INCHES                                                                 |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                              |  | NAME<br>RIGHT ANGLE HEADER ASSY W/GUIDES<br>MULTI-BEAM XL |  | SIZE<br>CAGE CODE<br>DRAWING NO                                                                       |  |
|  |  | 0 PLC ±.01<br>1 PLC ±.01<br>2 PLC ±.005<br>3 PLC ±.0020<br>ANGLES ±.0° |  | PRODUCT SPEC<br>108-1973<br>APPLICATION SPEC<br>114-13038 |  | RESTRICTED TO                                                                                         |  |
| MATERIAL<br>-                                                                         |  | FINISH<br>-                                                            |  | WEIGHT<br>-                                               |  | A100779C6450121                                                                                       |  |
| CUSTOMER DRAWING                                                                      |  |                                                                        |  | SCALE<br>N/A                                              |  | SHEET<br>3 OF 13                                                                                      |  |
|                                                                                       |  |                                                                        |  | REV<br>G2                                                 |  |                                                                                                       |  |

| PART NUMBER | ROWS             |                                                                                     | SIGNAL |   |   |   |   | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |  |
|-------------|------------------|-------------------------------------------------------------------------------------|--------|---|---|---|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|             |                  |                                                                                     | 1      | 2 | 3 | 4 | 5 | P1                                                                                  | P2                                                                                  | P3                                                                                  | P4                                                                                  |  |
| 6450121-4   | D<br>C<br>B<br>A |  | J      | J | J | J | J |  |  |  |  |  |
|             |                  |                                                                                     | K      | K | K | K | K |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |
|             |                  |                                                                                     | N      | N | N | N | N |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |
|             |                  |                                                                                     | S      | S | S | S | S |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |
|             |                  |                                                                                     |        |   |   |   |   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |
| 20S + 4P    |                  |                                                                                     |        |   |   |   |   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |

| PART NUMBER | ROWS |                                                                                     | SIGNAL |   |   |   |    | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |    |    |    |
|-------------|------|-------------------------------------------------------------------------------------|--------|---|---|---|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|----|----|
|             |      |                                                                                     | 1      | 2 | 3 | 4 | 5  | P1                                                                                  | P2                                                                                  | P3                                                                                  | P4                                                                                  |    |    |    |
| I-6450121-0 | D    |  | J      | J | J |   | J  |  |  |  |  |    |    |    |
|             | K    |                                                                                     | K      | K |   | K | PM |                                                                                     |                                                                                     |                                                                                     |                                                                                     | PM | PM | PM |
|             | N    |                                                                                     | N      | N |   | N |    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |    |    |
|             | S    |                                                                                     | S      | S |   | S |    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |    |    |
| 20S + 4P    |      |                                                                                     |        |   |   |   |    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |    |    |



| PART NUMBER | ROWS |                                                                                     | SIGNAL                                                                              |   |   |   |   |   | POWER                                                                               |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
|-------------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---|---|---|---|---|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|             |      |                                                                                     | 1                                                                                   | 2 | 3 | 4 | 5 | 6 | P1                                                                                  | P2                                                                                   | P3                                                                                    | P4                                                                                    |                                                                                       |
| 1-6450121-1 | D    |  | J                                                                                   | J | J | J | J | J |  |  |  |  |  |
|             | K    |                                                                                     | K                                                                                   | K | K | K | K |   |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
|             | N    |                                                                                     | N                                                                                   | N | N | N | N |   |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
|             | S    |                                                                                     | S                                                                                   | S | S | S | S |   |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
|             | A    |                                                                                     |  |   |   |   |   |   |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| 24S + 4P    |      |                                                                                     |                                                                                     |   |   |   |   |   |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |

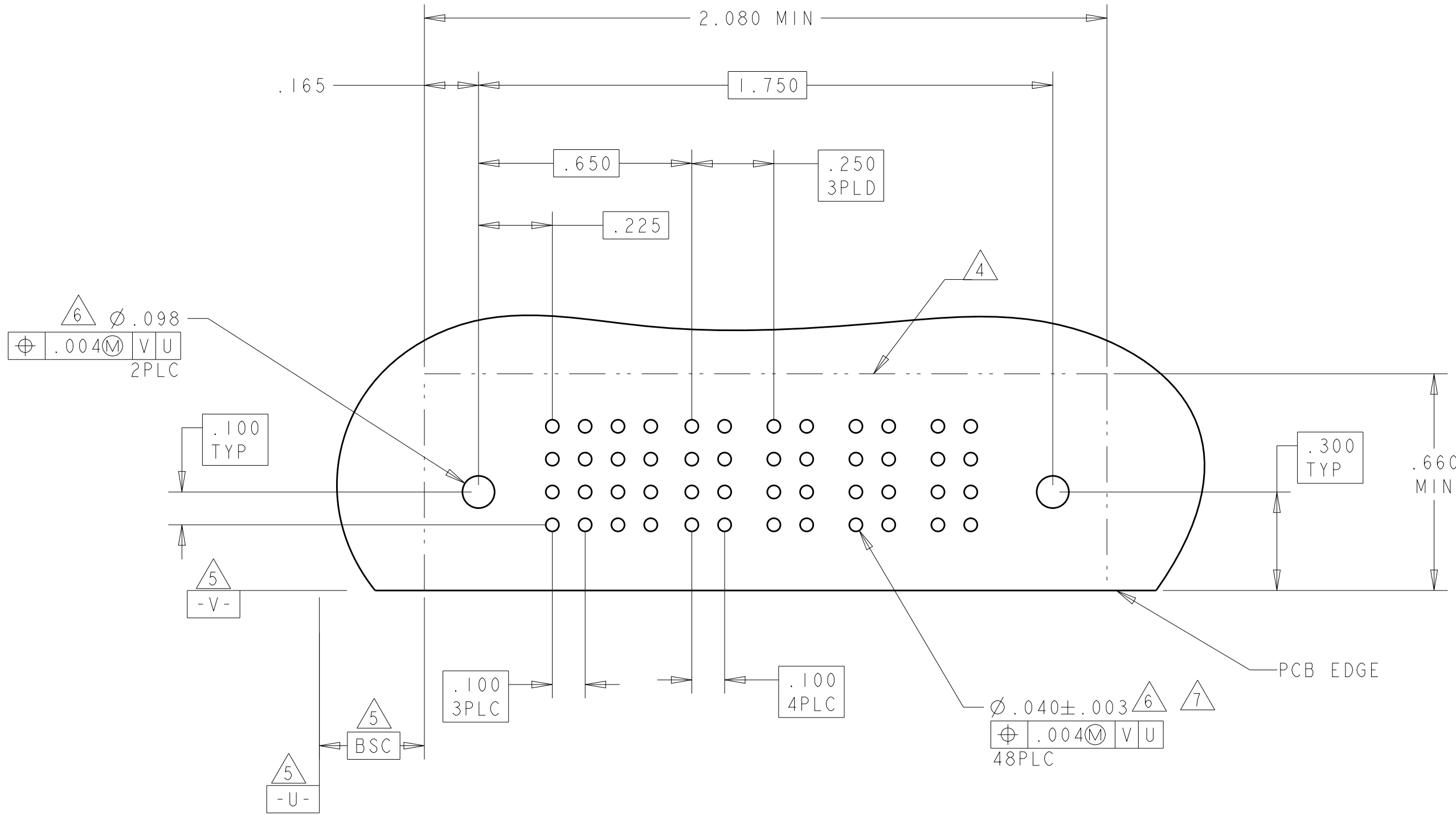


PCB LAYOUT FOR P/N: 6450121-4, 1-6450121-0

[illegible]

[illegible]4805 (3/11)

| PART NUMBER | ROWS             |                                                                                     | SIGNAL |   |   |   | POWER |    |    |    |                                                                                     |
|-------------|------------------|-------------------------------------------------------------------------------------|--------|---|---|---|-------|----|----|----|-------------------------------------------------------------------------------------|
|             |                  |                                                                                     | I      | 2 | 3 | 4 | P1    | P2 | P3 | P4 |                                                                                     |
| 1-6450121-5 | D<br>C<br>B<br>A |  | J      | J | J | J | PM    | PM | PM | PM |  |
| 16S + 4P    |                  |                                                                                     | K      | K | K | K |       |    |    |    |                                                                                     |
|             |                  |                                                                                     | N      | N | N | N |       |    |    |    |                                                                                     |
|             |                  |                                                                                     | S      | S | S | S |       |    |    |    |                                                                                     |

4805 (3/11)

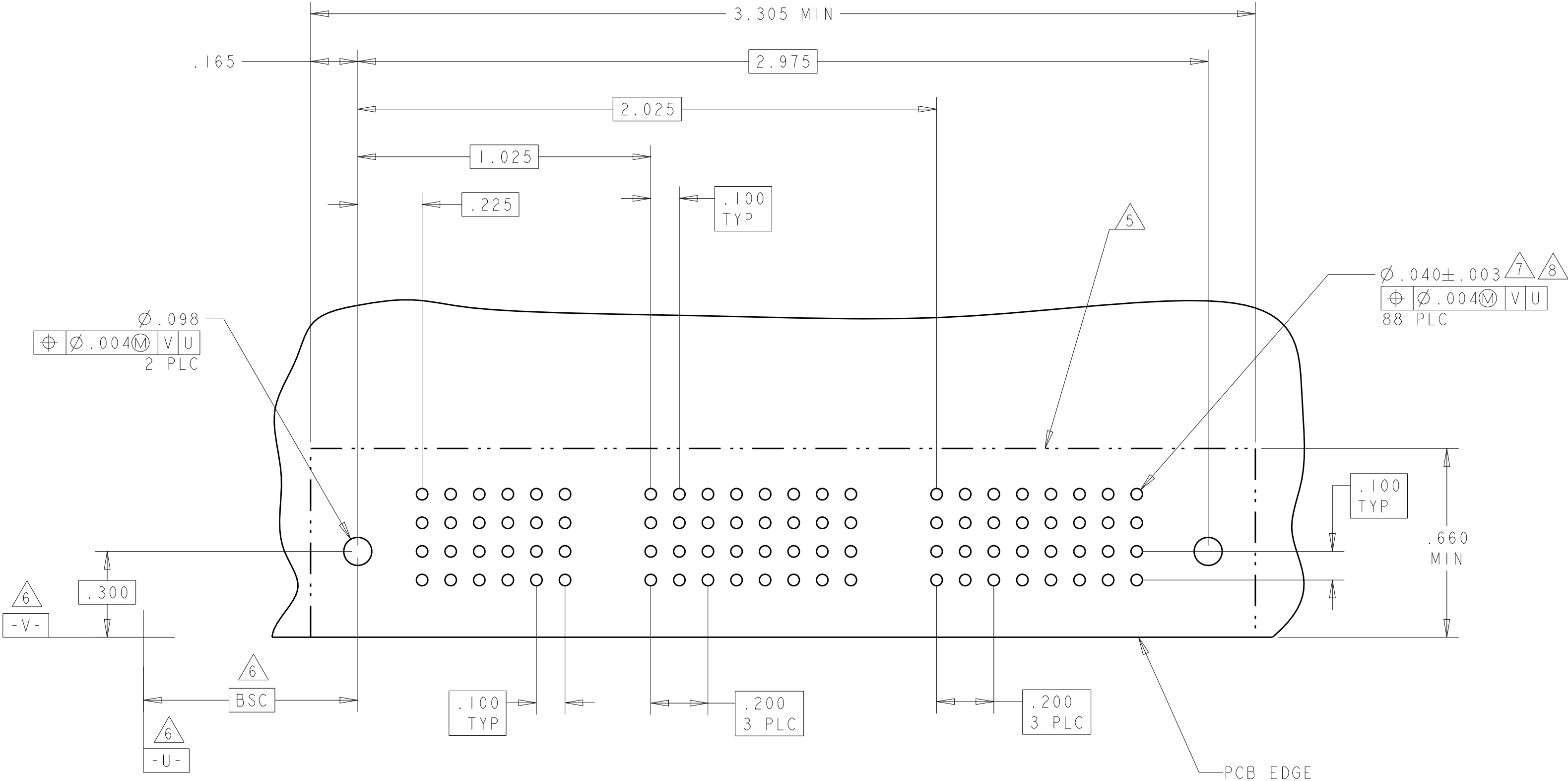
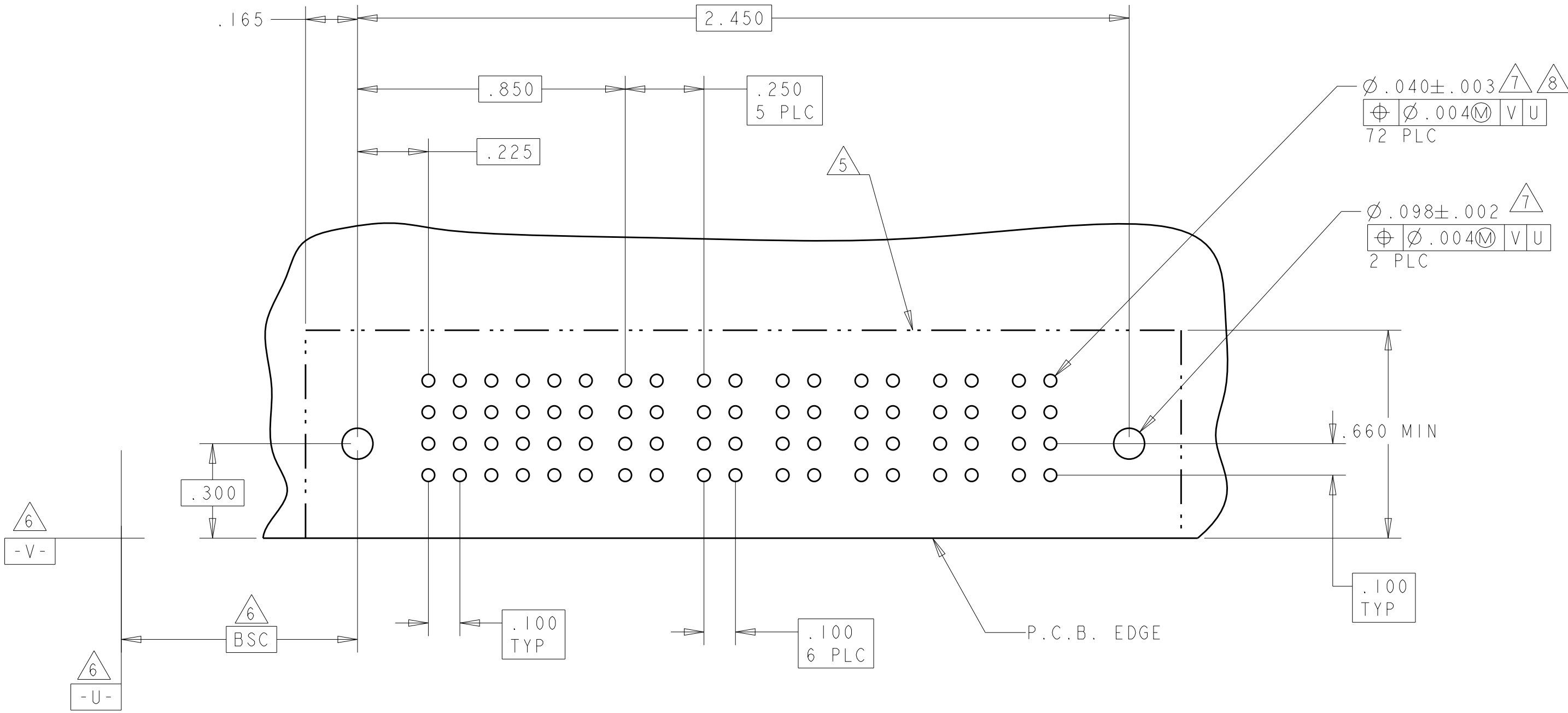
| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| ES  | 00   | -         | -   | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |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

| PART NUMBER | ROWS             |                                                           | SIGNAL |   |   |   |   |   | POWER |    |    |    |    |    |                                                           |
|-------------|------------------|-----------------------------------------------------------|--------|---|---|---|---|---|-------|----|----|----|----|----|-----------------------------------------------------------|
|             |                  |                                                           | 1      | 2 | 3 | 4 | 5 | 6 | P1    | P2 | P3 | P4 | P5 | P6 |                                                           |
| I-6450121-6 | D<br>C<br>B<br>A | <div><div></div><div></div><div></div><div>HD</div></div> | J      | J | J | J | J | J | PM    | PM | PM | PM | PM | PM |                                                           |
|             |                  |                                                           | K      | K | K | K | K | K |       |    |    |    |    |    |                                                           |
|             |                  |                                                           | N      | N | N | N | N | G |       |    |    |    |    |    |                                                           |
| 24S + 6P    |                  |                                                           | S      | S | S | S | S | S |       |    |    |    |    |    | <div><div></div><div></div><div></div><div>HD</div></div> |
|             |                  |                                                           |        |   |   |   |   |   |       |    |    |    |    |    |                                                           |
|             |                  |                                                           |        |   |   |   |   |   |       |    |    |    |    |    |                                                           |

| PART NUMBER | ROWS             |                                                           | SIGNAL |   |   |   |   |   | POWER |    |    |    |    |    |    |    |    |     |                                                           |
|-------------|------------------|-----------------------------------------------------------|--------|---|---|---|---|---|-------|----|----|----|----|----|----|----|----|-----|-----------------------------------------------------------|
|             |                  |                                                           | 1      | 2 | 3 | 4 | 5 | 6 | P1    | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 |                                                           |
| I-6450121-8 | D<br>C<br>B<br>A | <div><div></div><div></div><div></div><div>HD</div></div> | J      | J | J |   | J |   | PM    | PM | PM | PM |    |    | PM | PM | PM | PM  |                                                           |
|             |                  |                                                           | K      | K | K |   | K |   |       |    |    |    |    |    |    |    |    |     |                                                           |
|             |                  |                                                           | N      | N | N |   | N |   |       |    |    |    |    |    |    |    |    |     |                                                           |
| 24S + 10P   |                  |                                                           | S      | S | S |   | S |   |       |    |    |    |    |    |    |    |    |     | <div><div></div><div></div><div></div><div>HD</div></div> |
|             |                  |                                                           |        |   |   |   |   |   |       |    |    |    |    |    |    |    |    |     |                                                           |
|             |                  |                                                           |        |   |   |   |   |   |       |    |    |    |    |    |    |    |    |     |                                                           |

NO CONTACTS LOADED

NO CONTACTS LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: R. GRZYBOWSKI 02FEB05  
CHK: M. PERCHERKE 02FEB05  
APVD: M. PERCHERKE

NAME: RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
0 PLC ±.01  
1 PLC ±.01  
2 PLC ±.01  
3 PLC ±.005  
4 PLC ±.0020  
ANGLES ±.2°  
FINISH

MATERIAL

PRODUCT SPEC: 108-1973

APPLICATION SPEC: 114-13038

WEIGHT

CUSTOMER DRAWING

SIZE: A1

CAGE CODE: 100779

DRAWING NO: 6450121

RESTRICTED TO

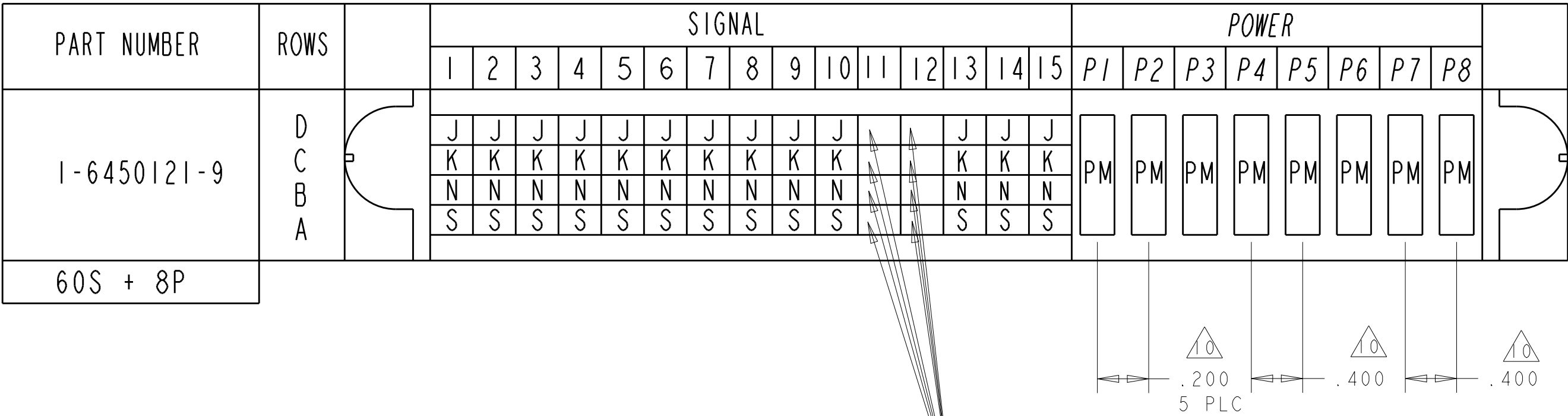
SCALE: N/A

SHEET: 7

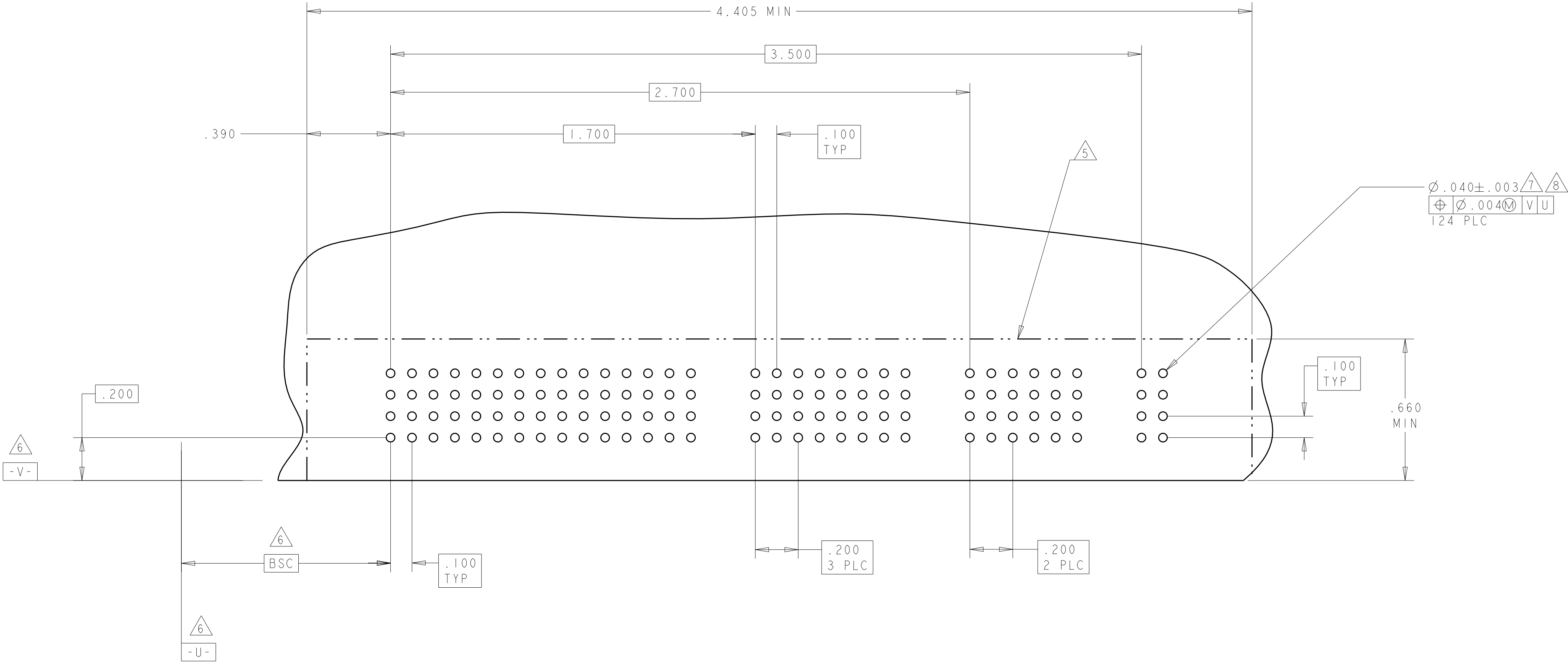
OF: 13

REV: G2

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



NO CONTACTS LOADED



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN R.GRZYBOWSKI 02FEB05  
CHK M.PERCHERKE 02FEB05  
APVD M.PERCHERKE

DIMENSIONS:  
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±"  
1 PLC ±.01  
2 PLC ±.01  
3 PLC ±.005  
4 PLC ±.0020  
ANGLES ±2°  
FINISH

MATERIAL

-

CUSTOMER DRAWING

SCALE N/A

SHEET 8 OF 13

REV G2

TE Connectivity

NAME RIGHT ANGLE HEADER ASSY W/GUIDES MULTI-BEAM XL

SIZE A100779C=6450121

RESTRICTED TO

—NO CONTACTS LOADED

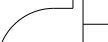
-NO CONTACTS LOADED



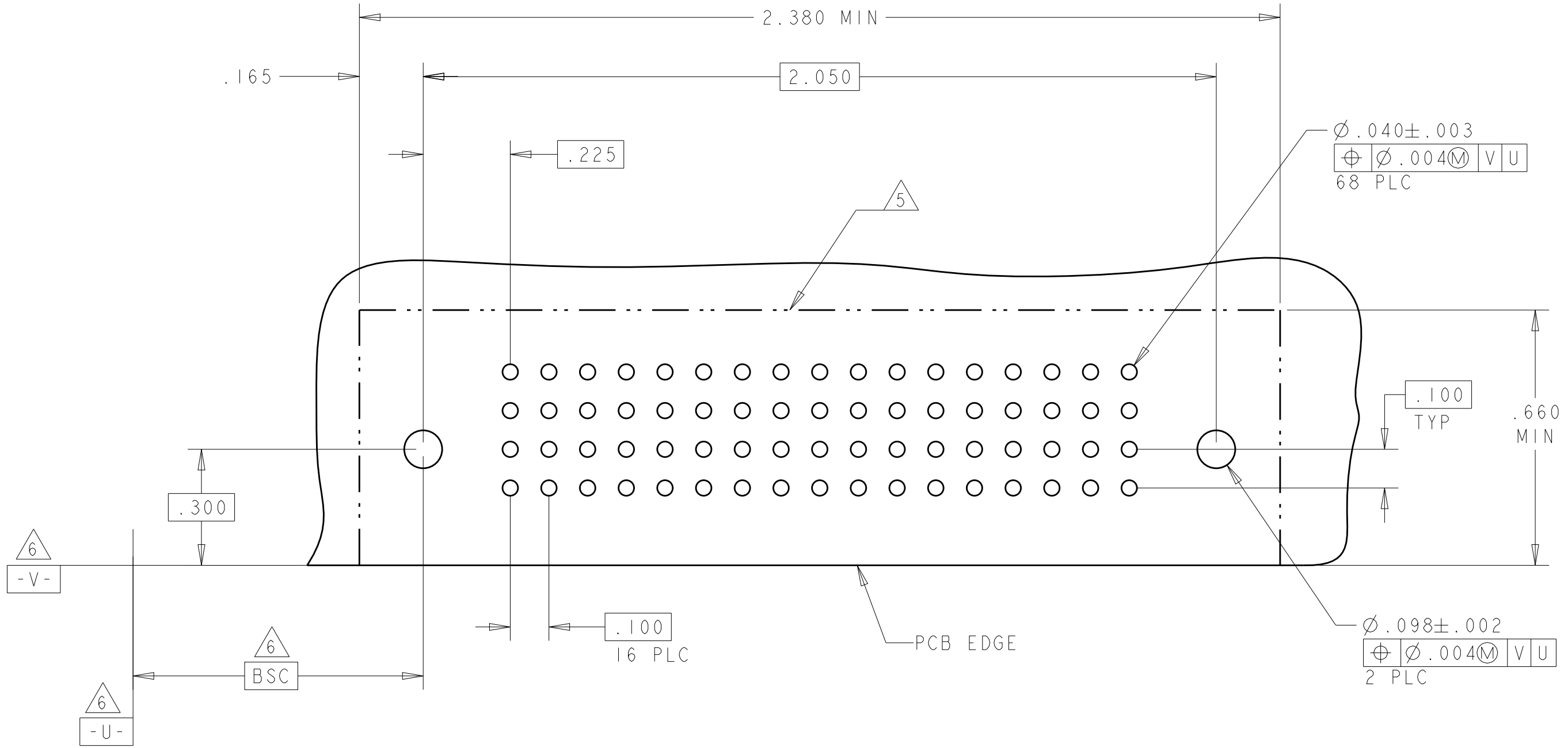
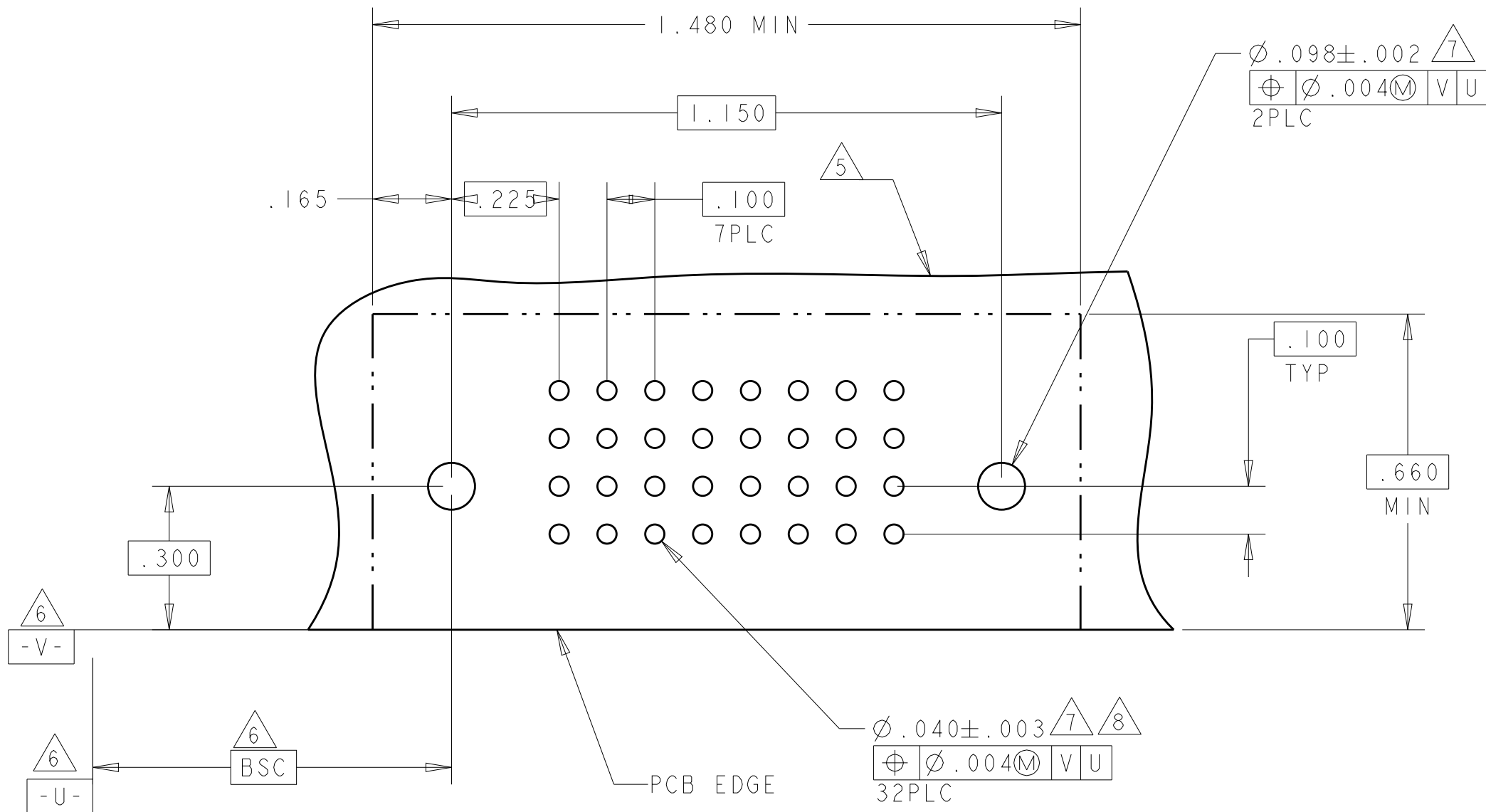
|                                                                                       |  |                                                                            |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | OWN: GRZYBOWSKI 02FEB05                                                    |  |  TE Connectivity |  |
|                                                                                       |  | CHK: M. PERCHERKE 02FEB05                                                  |  |                                                                                                       |  |
| DIMENSIONS:<br>INCHES                                                                 |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                  |  | NAME: RIGHT ANGLE HEADER ASSY W/GUIDES<br>MULTI-BEAM XL                                               |  |
|  |  | FIN: M. PERCHERKE<br>PRODUCT SPEC: 108-1973<br>APPLICATION SPEC: 114-13038 |  |                                                                                                       |  |
| MATERIAL: -<br>FINISH: -                                                              |  | WEIGHT: -<br>CUSTOMER DRAWING: -                                           |  | SIZE: CAGE CODE: DRAWING NO: A100779C6450121<br>RESTRICTED TO: -                                      |  |
|                                                                                       |  |                                                                            |  | SCALE: N/A SHEET: 9 OF 13 REV: G                                                                      |  |

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

| PART NUMBER | ROWS |  | SIGNAL |   |   |   |   |   |   |   |  |
|-------------|------|--|--------|---|---|---|---|---|---|---|--|
|             |      |  | 1      | 2 | 3 | 4 | 5 | 6 | 7 | 8 |  |
| 2-6450121-1 | D    |  | J      | J | J | J | J | J | J | J |  |
|             | C    |  | K      | K | K | K | K | K | K | K |  |
|             | B    |  | N      | N | N | N | N | N | N | N |  |
|             | A    |  | S      | S | S | S | S | S | S | S |  |
| 32S         |      |  |        |   |   |   |   |   |   |   |  |

| PART NUMBER | ROWS |                                                                                     | SIGNAL |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                                                                                     |
|-------------|------|-------------------------------------------------------------------------------------|--------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|-------------------------------------------------------------------------------------|
|             |      |                                                                                     | 1      | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |                                                                                     |
| 2-6450121-2 | D    |  | J      |   | J |   | J |   | J |   | J |    | J  |    | J  |    | J  |    | J  |  |
|             | C    |                                                                                     |        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                                                                                     |
|             | B    |                                                                                     | N      |   | N |   | N |   | N |   | N |    | N  |    | N  |    | N  |    | N  |                                                                                     |
|             | A    |                                                                                     | HD     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                                                                                     |
| 68S         |      |                                                                                     |        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |                                                                                     |

NO CONTACTS LOADED  
50 PLC



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
R. GRZYBOWSKI  
CHK  
M. PERCHERKE  
APVD  
M. PERCHERKE

02FEB05  
02FEB05  
-

DIMENSIONS:  
INCHES

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

TOLERANCES UNLESS OTHERWISE SPECIFIED:

108-1973  
APPLICATION SPEC  
114-13038  
WEIGHT

CUSTOMER DRAWING

SCALE  
N/A

SHEET  
10

OF  
13

REV  
G2

TE Connectivity

NAME  
RIGHT ANGLE HEADER ASSY W/GUIDES  
MULTI-BEAM XL

SIZE  
A1

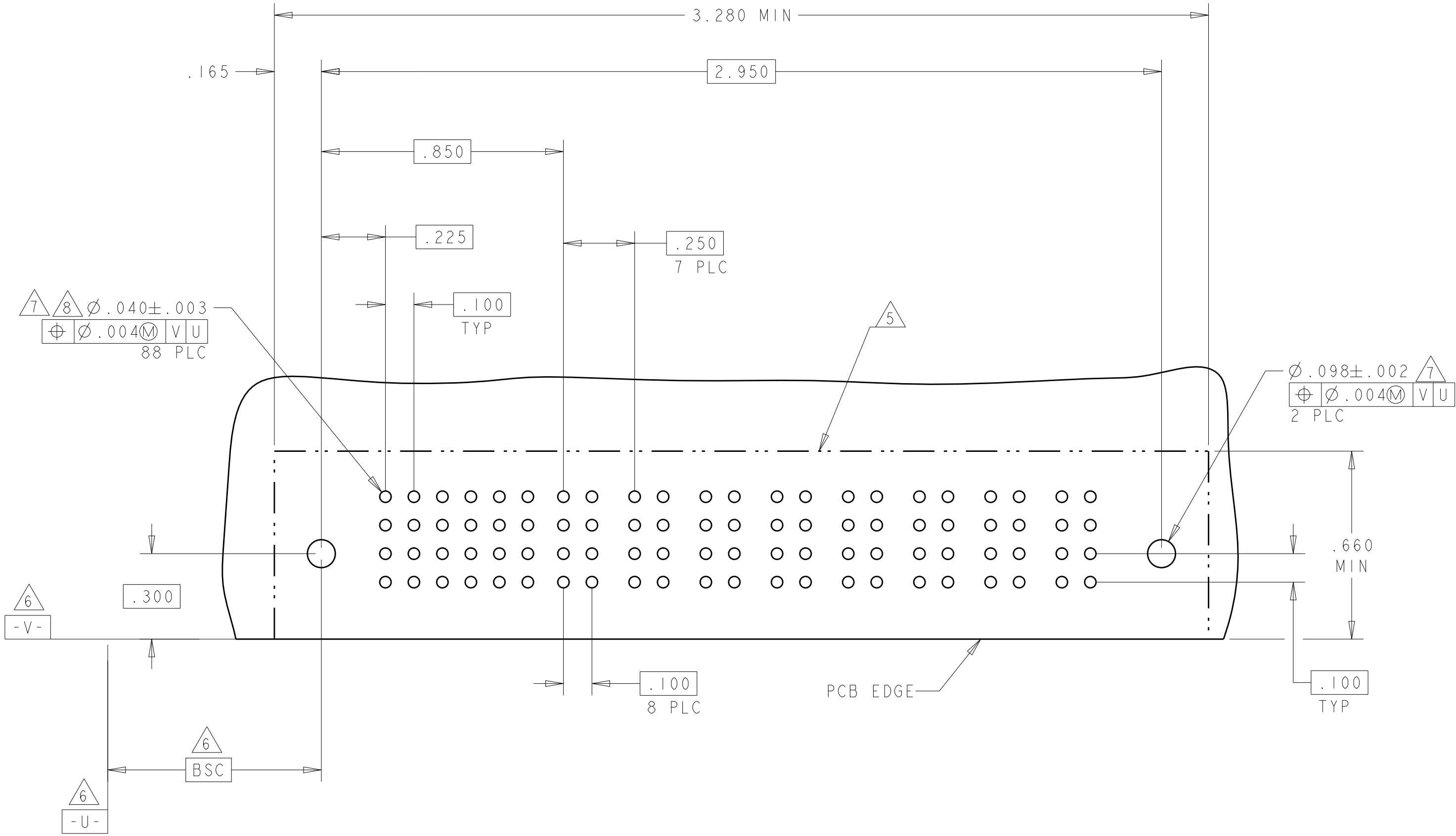
CAGE CODE  
100779

DRAWING NO  
C=6450121

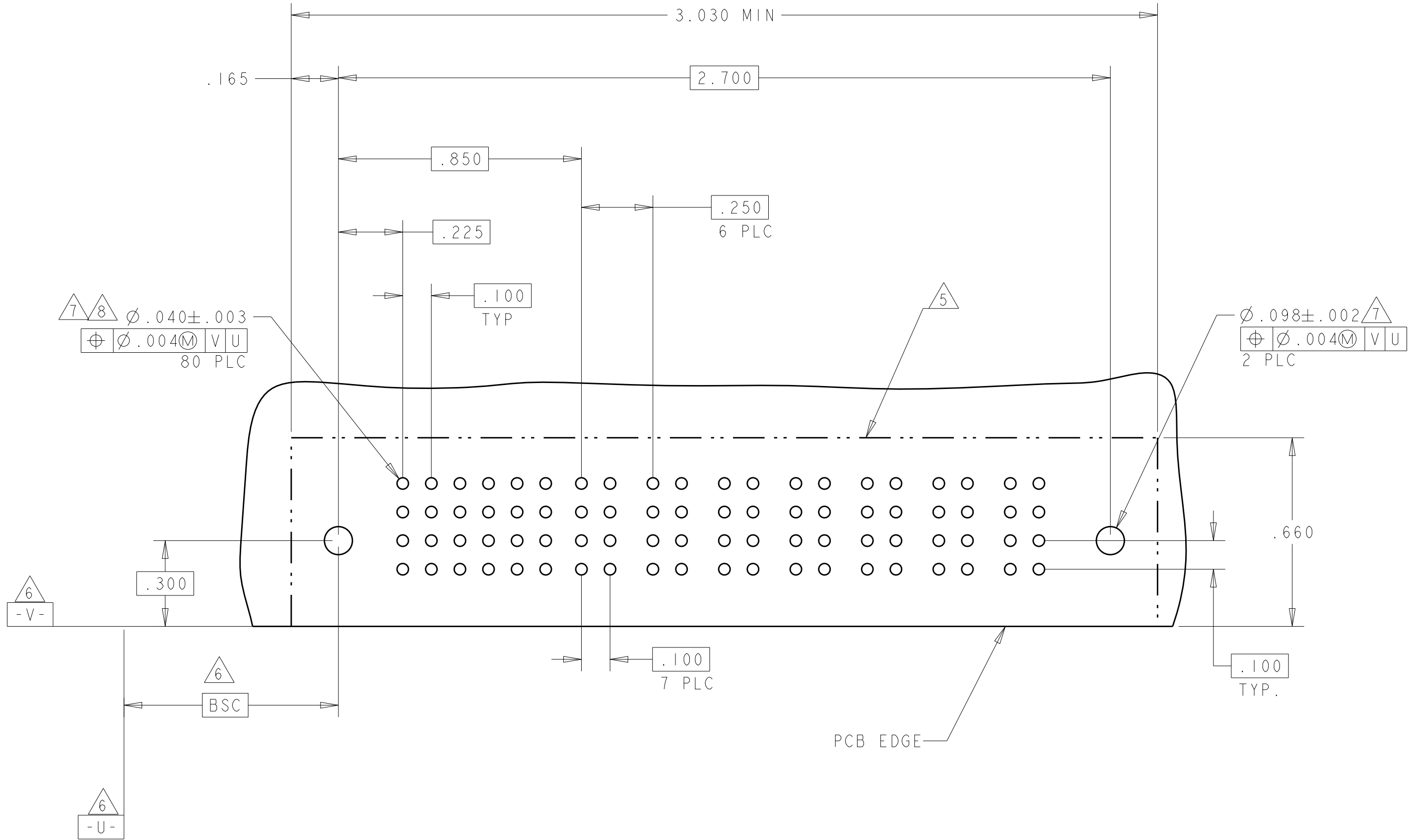
RESTRICTED TO

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

| PART NUMBER | ROWS             |               | SIGNAL |   |   |   |   |   | POWER |    |    |    |    |    |    |    |               |
|-------------|------------------|---------------|--------|---|---|---|---|---|-------|----|----|----|----|----|----|----|---------------|
|             |                  |               | 1      | 2 | 3 | 4 | 5 | 6 | P1    | P2 | P3 | P4 | P5 | P6 | P7 | P8 |               |
| 2-6450121-3 | D<br>C<br>B<br>A | <div>HD</div> | J      | J | J | J | J | J | PM    | PM | PM | PM | PM | PM | PM | PM | <div>HD</div> |
|             |                  |               | K      | K | K | K | K | K |       |    |    |    |    |    |    |    |               |
|             |                  |               | N      | N | N | N | N | N |       |    |    |    |    |    |    |    |               |
| 24S + 8P    |                  |               | S      | S | S | S | S | S |       |    |    |    |    |    |    |    |               |



| PART NUMBER | ROWS             |               | SIGNAL |   |   |   |   |   | POWER |    |    |    |    |    |    |               |
|-------------|------------------|---------------|--------|---|---|---|---|---|-------|----|----|----|----|----|----|---------------|
|             |                  |               | 1      | 2 | 3 | 4 | 5 | 6 | P1    | P2 | P3 | P4 | P5 | P6 | P7 |               |
| 2-6450121-5 | D<br>C<br>B<br>A | <div>HD</div> | J      | J | J | J | J | J | PM    | PM | PM | PM | PM | PM | PM | <div>HD</div> |
|             |                  |               | K      | K | K | K | K | K |       |    |    |    |    |    |    |               |
|             |                  |               | N      | N | N | N | N | N |       |    |    |    |    |    |    |               |
| 24S + 7P    |                  |               | S      | S | S | S | S | S |       |    |    |    |    |    |    |               |

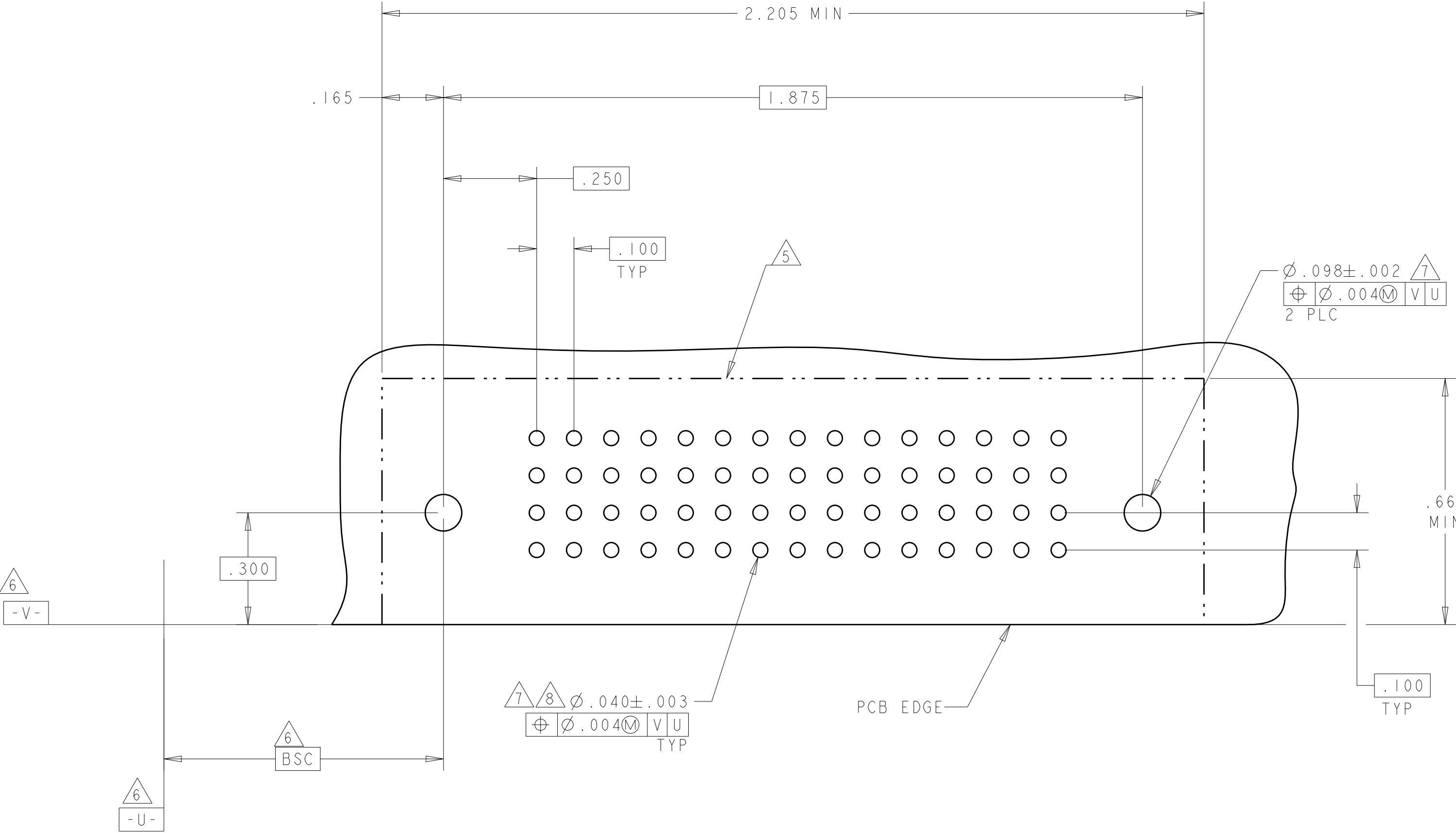
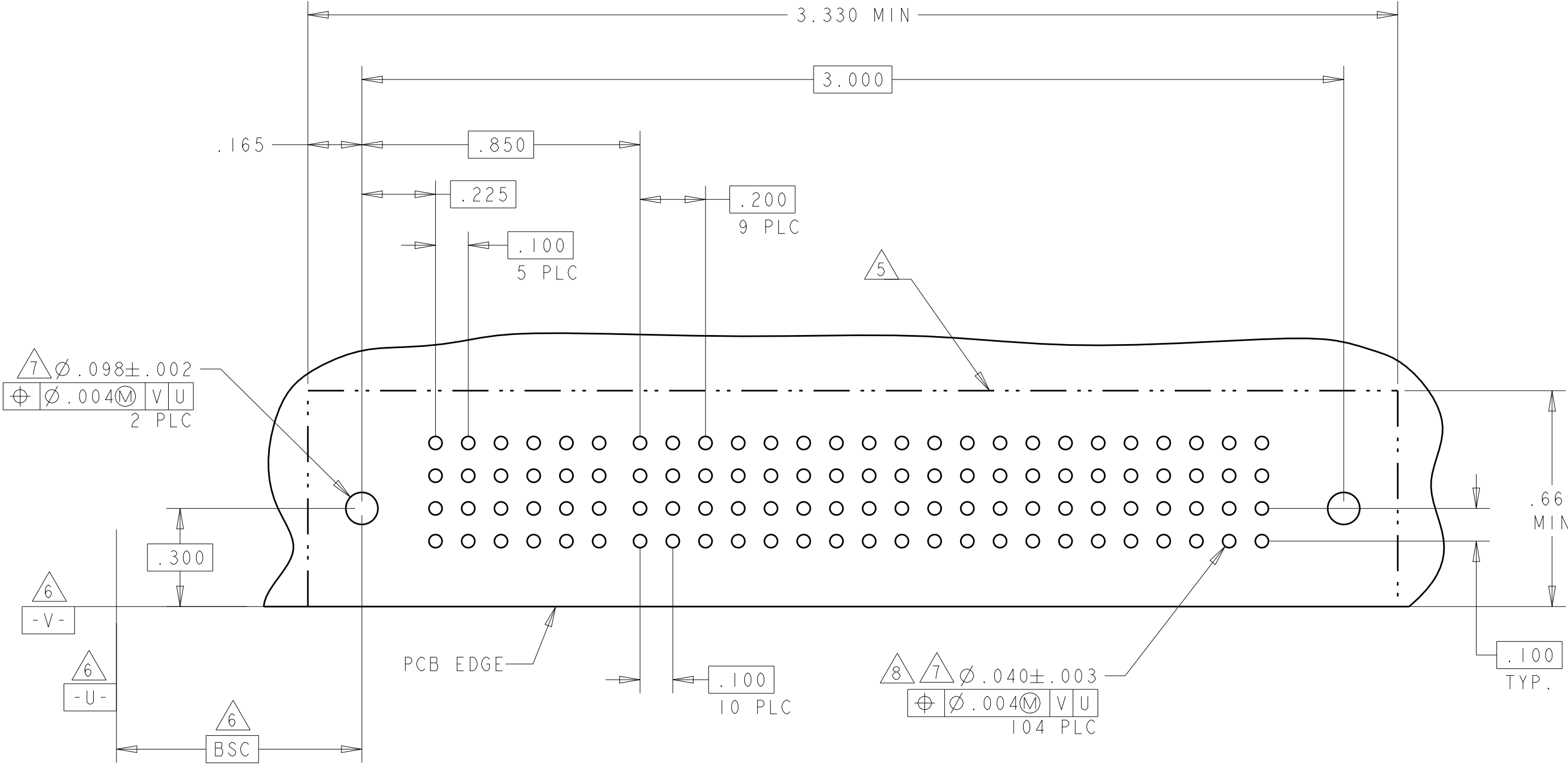


|                                        |  |                      |         |                                                           |  |
|----------------------------------------|--|----------------------|---------|-----------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>R. GRZYBOWSKI | 02FEB05 | TE Connectivity                                           |  |
|                                        |  | CHK<br>M. PERCHERKE  | 02FEB05 |                                                           |  |
| DIMENSIONS:                            |  | APVD<br>M. PERCHERKE | -       | NAME<br>RIGHT ANGLE HEADER ASSY W/GUIDES<br>MULTI-BEAM XL |  |
| INCHES                                 |  | PRODUCT SPEC         | -       |                                                           |  |
|                                        |  | 108-1973             | -       | SIZE<br>A100779                                           |  |
|                                        |  | APPLICATION SPEC     | -       |                                                           |  |
| MATERIAL                               |  | 114-13038            | -       | CAGE CODE<br>C=6450121                                    |  |
|                                        |  | FINISH               | -       |                                                           |  |
|                                        |  | WEIGHT               | -       | CUSTOMER DRAWING                                          |  |
|                                        |  | CUSTOMER DRAWING     | -       |                                                           |  |
|                                        |  | SCALE                | N/A     | SHEET 11 OF 13                                            |  |
|                                        |  | REV                  | G2      |                                                           |  |

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

| PART NUMBER | ROWS |  | SIGNAL |   |   |   |   |   | POWER |    |    |    |    |    |    |    |    |     |  |
|-------------|------|--|--------|---|---|---|---|---|-------|----|----|----|----|----|----|----|----|-----|--|
|             |      |  | 1      | 2 | 3 | 4 | 5 | 6 | P1    | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 |  |
|             |      |  | J      | J | J | J | J | E | PM    | PM | PM | PM | PM | PM | PM | PM | PM | PM  |  |
| 2-6450121-7 | D    |  | K      | K | K | F | K | K |       |    |    |    |    |    |    |    |    |     |  |
|             | C    |  | N      | N | N | G | N | N |       |    |    |    |    |    |    |    |    |     |  |
|             | B    |  | S      | H | S | H | S | S |       |    |    |    |    |    |    |    |    |     |  |
| 24S + 10P   | A    |  |        |   |   |   |   |   |       |    |    |    |    |    |    |    |    |     |  |
|             |      |  |        |   |   |   |   |   |       |    |    |    |    |    |    |    |    |     |  |
|             |      |  |        |   |   |   |   |   |       |    |    |    |    |    |    |    |    |     |  |

| PART NUMBER | ROWS |                                                                                     | SIGNAL |   |   |   |   |   |   |   |   |    |    |    |    |    |                                                                                     |    |
|-------------|------|-------------------------------------------------------------------------------------|--------|---|---|---|---|---|---|---|---|----|----|----|----|----|-------------------------------------------------------------------------------------|----|
|             |      |                                                                                     | 1      | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15                                                                                  |    |
| 2-6450121-8 | D    |  | J      | J | J | J | J | J | J | J | J | J  | J  | J  | J  | J  |  |    |
|             | C    |                                                                                     | K      | K | K | K | K | K | K | K | K | K  | K  | K  | K  | K  |                                                                                     |    |
|             | B    |                                                                                     | N      | N | N | N | N | N | N | N | N | N  | N  | N  | N  | N  |                                                                                     | N  |
|             | A    | HD                                                                                  | S      | S | S | S | S | S | S | S | S | S  | S  | S  | S  | S  | S                                                                                   | HD |
| 60S         |      |                                                                                     |        |   |   |   |   |   |   |   |   |    |    |    |    |    |                                                                                     |    |



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: R. GRZYBOWSKI 02FEB05  
CHK: M. PERCHERKE 02FEB05  
APVD: M. PERCHERKE

DIMENSIONS:  
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

-

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

CUSTOMER DRAWING

SCALE: N/A

NAME

RIGHT ANGLE HEADER ASSY W/GUIDES  
MULTI-BEAM XL

SIZE

A1

CAGE CODE

100779

DRAWING NO

C=6450121

RESTRICTED TO

-

SHEET

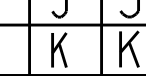
12

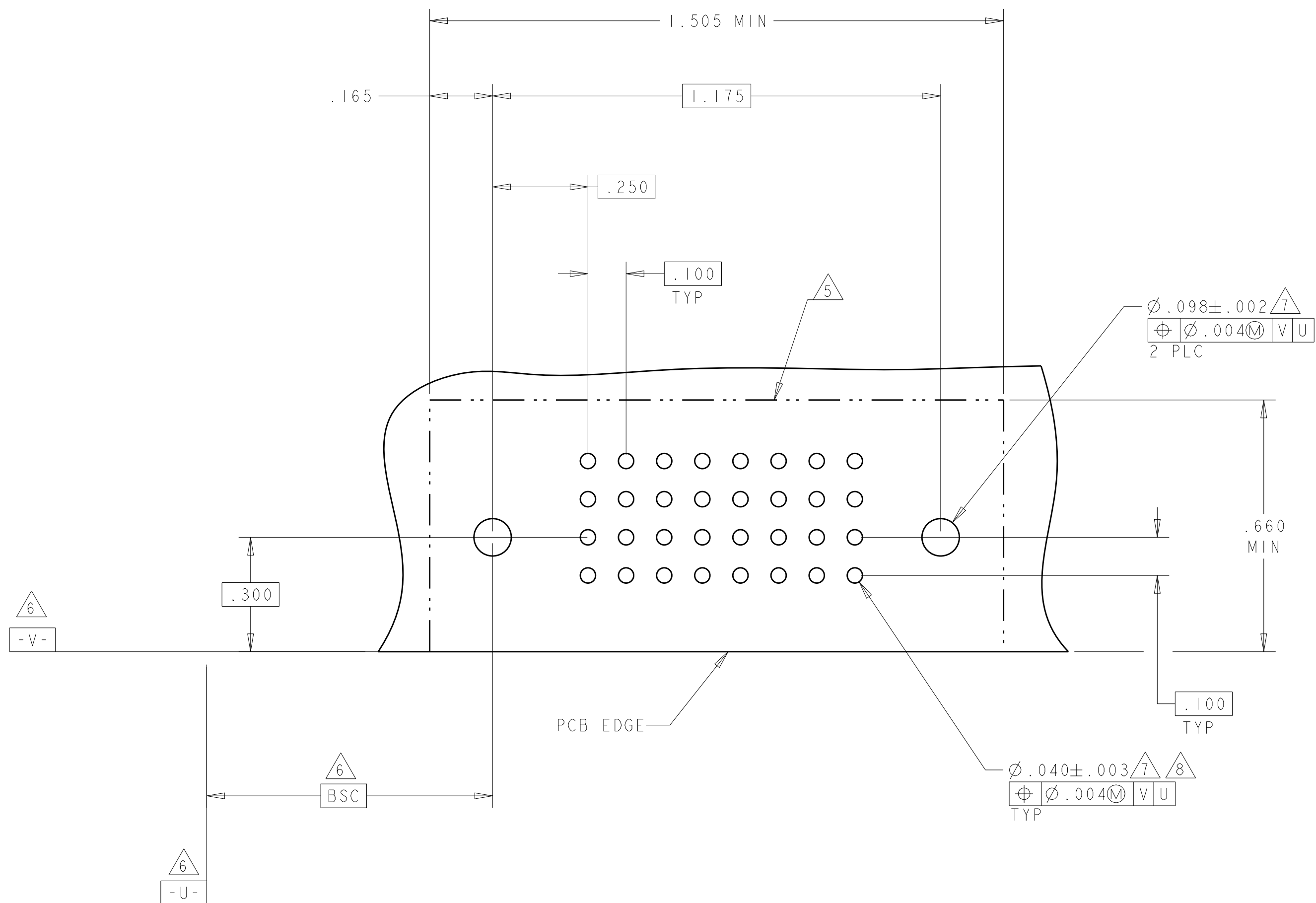
OF

13

REV

G2

| PART NUMBER | ROWS |                                                                                     | SIGNAL |   |   |   |   |   |   |   |                                                                                     |
|-------------|------|-------------------------------------------------------------------------------------|--------|---|---|---|---|---|---|---|-------------------------------------------------------------------------------------|
|             |      |                                                                                     | 1      | 2 | 3 | 4 | 5 | 6 | 7 | 8 |                                                                                     |
| 3-6450121-0 | D    |  | J      | J | J | J | J | J | J | J |  |
|             | C    |                                                                                     | K      | K | K | K | K | K | K | K |                                                                                     |
|             | B    |                                                                                     | N      | N | N | N | N | N | N | N |                                                                                     |
|             | A    |                                                                                     | S      | S | S | S | S | S | S | S |                                                                                     |
| 32S         |      |  |        |   |   |   |   |   |   |   |  |

4805 (3/11)