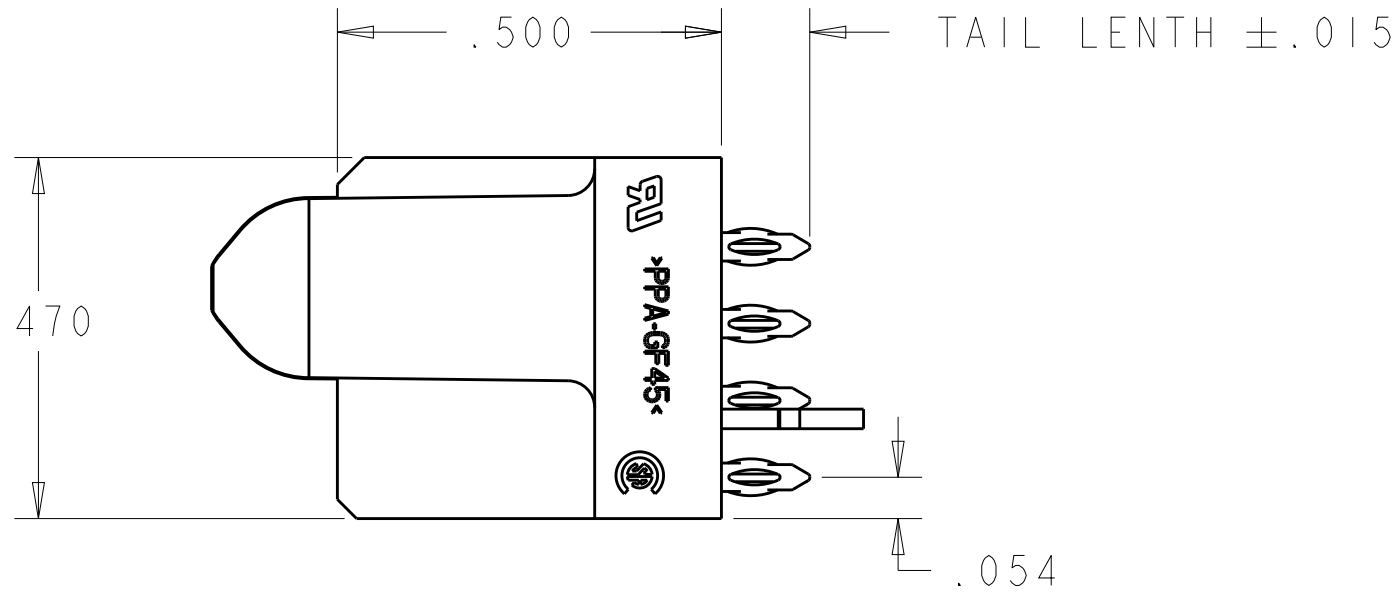
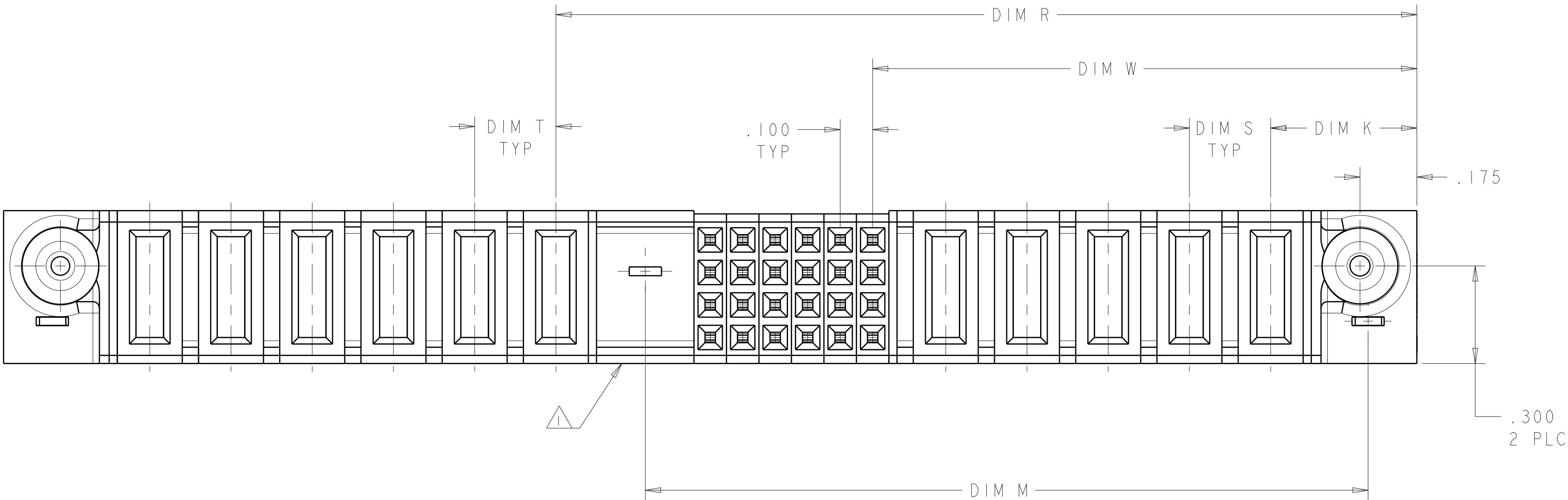
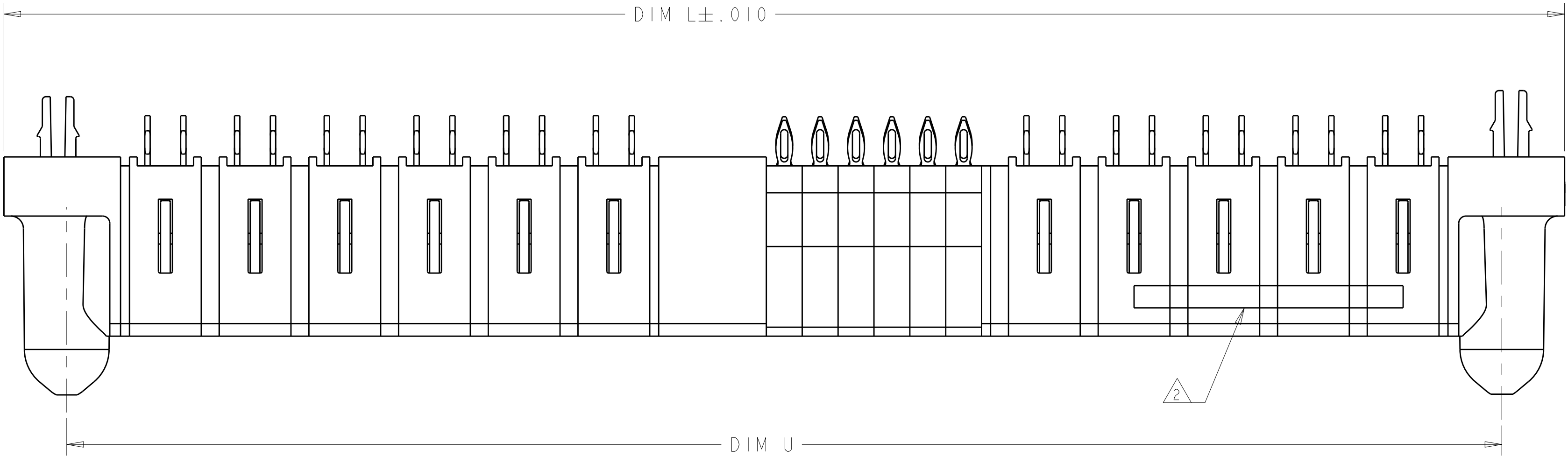
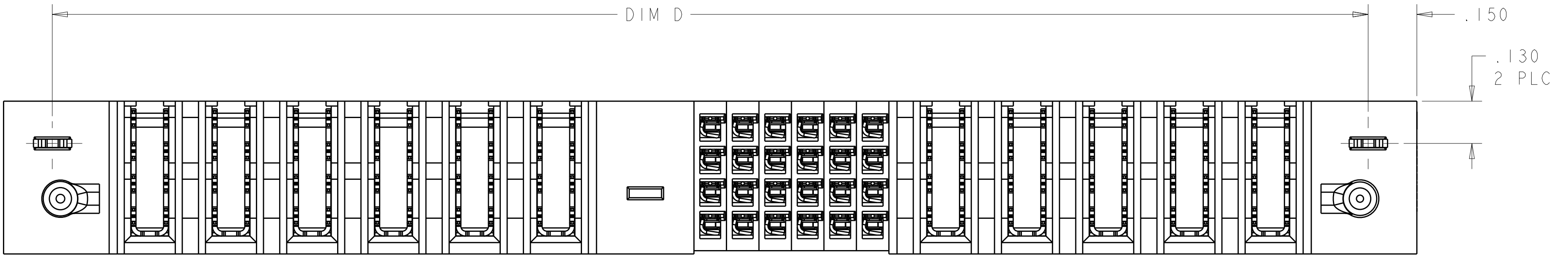


| LOC |    | DIST |     | REVISIONS             |           |     |      |  |
|-----|----|------|-----|-----------------------|-----------|-----|------|--|
| ES  | 00 | P    | LYR | DESCRIPTION           | DATE      | DWN | APVD |  |
|     |    | K9   |     | REV PER ECR-12-018831 | 30OCT2012 | AY  | SZ   |  |
|     |    |      |     |                       |           |     |      |  |
|     |    |      |     |                       |           |     |      |  |



- 1
- OPTIONAL CENTER MODULE, WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE
- 2
- "AMP", PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN  
PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES
- 3
- MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O  
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY  
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 4
- CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA  
OF POWER CONTACTS 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 DRILLED HOLES PLATED WITH .0003 MIN Sn  
OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 HOLE
- 9
- VARAIBLE DIMENSION SHOWN VIEW (SHEET 6)

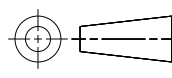
|                                                                                       |       |                                                                                       |  |                                                                                                       |                                                              |                  |               |    |    |     |    |
|---------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------|---------------|----|----|-----|----|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |       | DWN<br>R. GRZYBOWSKI<br>29APR05                                                       |  |  TE Connectivity |                                                              |                  |               |    |    |     |    |
|                                                                                       |       | CHK<br>M. PERCHERKE<br>29APR05                                                        |  |                                                                                                       |                                                              |                  |               |    |    |     |    |
| DIMENSIONS:                                                                           |       | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                |  | NAME                                                                                                  | VERTICAL RECEPTACLE ASSEMBLY<br>WITH GUIDES<br>MULTI-BEAM XL |                  |               |    |    |     |    |
| INCHES                                                                                |       |                                                                                       |  |                                                                                                       |                                                              |                  |               |    |    |     |    |
|  | 0 PLC | ±                                                                                     |  | PRODUCT SPEC                                                                                          |                                                              | APPLICATION SPEC |               |    |    |     |    |
|                                                                                       | 1 PLC | ±                                                                                     |  |                                                                                                       |                                                              |                  |               |    |    |     |    |
|                                                                                       | 2 PLC | ± .01                                                                                 |  |                                                                                                       |                                                              |                  |               |    |    |     |    |
|                                                                                       | 3 PLC | ± .005                                                                                |  |                                                                                                       |                                                              |                  |               |    |    |     |    |
|                                                                                       | 4 PLC | ± .0020                                                                               |  |                                                                                                       |                                                              |                  |               |    |    |     |    |
| ANGLES                                                                                |       | ±°                                                                                    |  | SIZE                                                                                                  | CAGE CODE                                                    | DRAWING NO       | RESTRICTED TO |    |    |     |    |
|                                                                                       |       |                                                                                       |  |                                                                                                       |                                                              |                  |               |    |    |     |    |
| MATERIAL                                                                              |       | FINISH                                                                                |  | WEIGHT                                                                                                | A1                                                           | 100779           | G6450540      | -  |    |     |    |
|  |       |  |  |                                                                                                       |                                                              |                  |               |    |    |     |    |
| CUSTOMER DRAWING                                                                      |       |                                                                                       |  | SCALE                                                                                                 | 2:1                                                          | SHEET            | 1             | OF | 19 | REV | K9 |

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

|    |       |       |                                                                                     |                                                                                     |       |        |       |       |      |                   |                |
|----|-------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|--------|-------|-------|------|-------------------|----------------|
| K9 | 1.350 | 1.300 | -                                                                                   | -                                                                                   | 1.200 | .625   | -     | 1.650 | .450 | 1P + 20S + 1P     | 6-6450540-6    |
|    | 2.550 | 2.500 | .250                                                                                | .250                                                                                | 1.650 | 1.375  | -     | 2.85  | .450 | 4P + 8S + 4P      | 6-6450540-5    |
|    | 1.350 | 1.300 | -                                                                                   | -                                                                                   | 1.200 | .625   | -     | 1.650 | .450 | 1P + 20S + 1P     | 6-6450540-2    |
|    | -     | 3.300 | .200                                                                                | .200                                                                                | 2.200 | 1.625  | -     | 3.650 | .450 | 6P + 20S + 6P     | 6-6450540-1    |
|    | 2.950 | 2.900 | .250                                                                                | .250                                                                                | 2.050 | 1.375  | -     | 3.250 | .450 | 4P + 24S + 4P     | 6-6450540-0    |
|    | 2.050 | 2.000 | .250                                                                                | .250                                                                                | 1.650 | .925   | -     | 2.350 | .450 | 2P + 24S + 2P     | 5-6450540-9    |
|    | 2.050 | 2.000 | .250                                                                                | .250                                                                                | 1.400 | 1.125  | -     | 2.350 | .450 | 3P + 8S + 3P      | 5-6450540-5    |
|    | 2.500 | 2.450 | .250                                                                                | .250                                                                                | 1.850 | 1.375  | -     | 2.800 | .450 | 4P + 16S + 3P     | 5-6450540-4    |
|    | 2.950 | 2.900 | .250                                                                                | .250                                                                                | 2.050 | 1.375  | -     | 3.250 | .450 | 4P + 24S + 4P     | 5-6450540-3    |
|    | 1.350 | 1.300 | -                                                                                   | -                                                                                   | 1.200 | .675   | -     | 1.650 | .450 | 1P + 16S + 1P     | 5-6450540-2    |
|    | 1.750 | 1.700 | .250                                                                                | .250                                                                                | 1.350 | .875   | -     | 2.050 | .450 | 2P + 16S + 2P     | 5-6450540-1    |
|    | 5.950 | 5.900 | .250                                                                                | .250                                                                                | 3.550 | 2.8750 | -     | 6.250 | .450 | 10P + 24S + 10P   | 5-6450540-0    |
|    | 5.150 | 5.100 | .250                                                                                | .250                                                                                | 3.250 | 2.375  | -     | 5.450 | .450 | 8P + 32S + 8P     | 4-6450540-9    |
|    | 1.250 | 1.200 | -                                                                                   | -                                                                                   | 1.100 | .625   | -     | 1.550 | .450 | 1P + 16S + 1P     | 4-6450540-8    |
|    | 2.150 | 2.100 | .250                                                                                | .250                                                                                | 1.500 | 1.175  | -     | 2.450 | .450 | 3P + 8S + 3P      | 4-6450540-7    |
|    | 1.150 | 1.100 | -                                                                                   | -                                                                                   | 1.000 | .675   | -     | 1.450 | .450 | 1P + 8S + 1P      | 4-6450540-6    |
|    | -     | -     | -                                                                                   | .200                                                                                | -     | -      | -     | 2.820 | .450 | 12HDP             | 4-6450540-5    |
|    | -     | -     | .200                                                                                | .200                                                                                | 2.600 | 1.625  | -     | 3.970 | .450 | 6HDP + 36S + 7HDP | 4-6450540-4    |
|    | 2.65  | 2.60  | .250                                                                                | .250                                                                                | 2.250 | 1.625  | -     | 2.950 | .450 | 5P + 20S + 2P     | (E)4-6450540-3 |
|    | -     | -     | -                                                                                   | .200                                                                                | -     | -      | -     | 2.620 | .450 | 11HDP             | (E)4-6450540-2 |
|    | -     | -     | .200                                                                                | .200                                                                                | 2.600 | 1.625  | -     | 3.770 | .450 | 6P + 36S + 6P     | 4-6450540-1    |
|    | -     | -     | .200                                                                                | .200                                                                                | 4.500 | 3.425  | -     | 7.470 | .450 | 15P + 40S + 15P   | 4-6450540-0    |
|    | -     | -     | .200                                                                                | .200                                                                                | -     | -      | -     | 7.470 | -    | 15P + 40S + 15P   | (D)3-6450540-9 |
|    | 4.650 | 4.600 | .250                                                                                | .250                                                                                | 3.250 | 1.875  | -     | 4.950 | .450 | 6P + 52S + 6P     | (D)2-6450540-7 |
|    | 1.950 | 1.900 | -                                                                                   | -                                                                                   | 1.550 | .875   | -     | 2.250 | .450 | 2P + 24S + 2P     | (D)2-6450540-5 |
|    | 2.450 | 2.400 | .250                                                                                | .250                                                                                | 1.800 | 1.125  | -     | 2.750 | .450 | 3P + 24S + 3P     | (D)2-6450540-0 |
|    | -     | 1.575 | -                                                                                   | -                                                                                   | 1.425 | .700   | -     | 1.925 | .475 | 1P + 24S + 1P     | (E)1-6450540-8 |
|    | -     | 5.450 |  |  | 3.075 | 2.425  | -     | 5.800 | .425 | 10P + 24S + 12P   | 1-6450540-4    |
|    | 3.250 | 3.200 | .200                                                                                | .200                                                                                | 2.125 | 1.575  | -     | 3.550 | .425 | 6P + 20S + 6P     | 1-6450540-2    |
|    | -     | 2.850 | .250                                                                                | .250                                                                                | 2.000 | 1.125  | -     | 3.200 | .450 | 3P + 32S + 4P     | 1-6450540-1    |
|    | 1.950 | 1.900 | .250                                                                                | .250                                                                                | 1.550 | .875   | -     | 2.250 | .450 | 2P + 24S + 2P     | 1-6450540-0    |
|    | -     | 1.400 | .250                                                                                | .250                                                                                | 1.300 | .625   | -     | 1.750 | .450 | 1P + 24S + 1P     | 6450540-7      |
|    | -     | 2.400 | .250                                                                                | .250                                                                                | 2.050 | 1.375  | -     | 2.750 | .450 | 4P + 24S + 2P     | 6450540-6      |
|    | -     | 3.100 | .250                                                                                | .250                                                                                | 2.000 | 1.625  | -     | 3.450 | .450 | 5P + 12S + 5P     | 6450540-5      |
|    | -     | 3.400 | .250                                                                                | .250                                                                                | 2.050 | 1.375  | -     | 3.750 | .450 | 4P + 24S + 6P     | 6450540-4      |
|    | -     | 7.400 | .250                                                                                | .250                                                                                | 5.050 | 2.875  | -     | 7.750 | .450 | 10P + 84S + 10P   | 6450540-3      |
|    | -     | 4.000 | .250                                                                                | .250                                                                                | 2.650 | 1.675  | 2.225 | 4.350 | .450 | 5P+24S+1M+6P      | 6450540-2      |
|    | -     | 1.575 | -                                                                                   | -                                                                                   | 1.425 | .700   | -     | 1.925 | .475 | 1P + 24S + 1P     | 6450540-1      |
|    | D     | U     | T                                                                                   | S                                                                                   | R     | W      | M     | L     | K    | DESCRIPTION       | PART NUMBER    |

THIS DRAWING IS A CONTROLLED DOCUMENT.  
TOLERANCES UNLESS OTHERWISE SPECIFIED:

DIMENSIONS:  
INCHES



MATERIAL

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

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

29APR05  
29APR05

PRODUCT SPEC  
108-1973  
APPLICATION SPEC  
114-13038  
WEIGHT  
-

CUSTOMER DRAWING

NAME  
VERTICAL RECEPTACLE ASSEMBLY  
WITH GUIDES  
MULTI-BEAM XL

SIZE  
A1

CAGE CODE  
100779

DRAWING NO  
6450540

RESTRICTED TO  
-

SCALE  
2:1

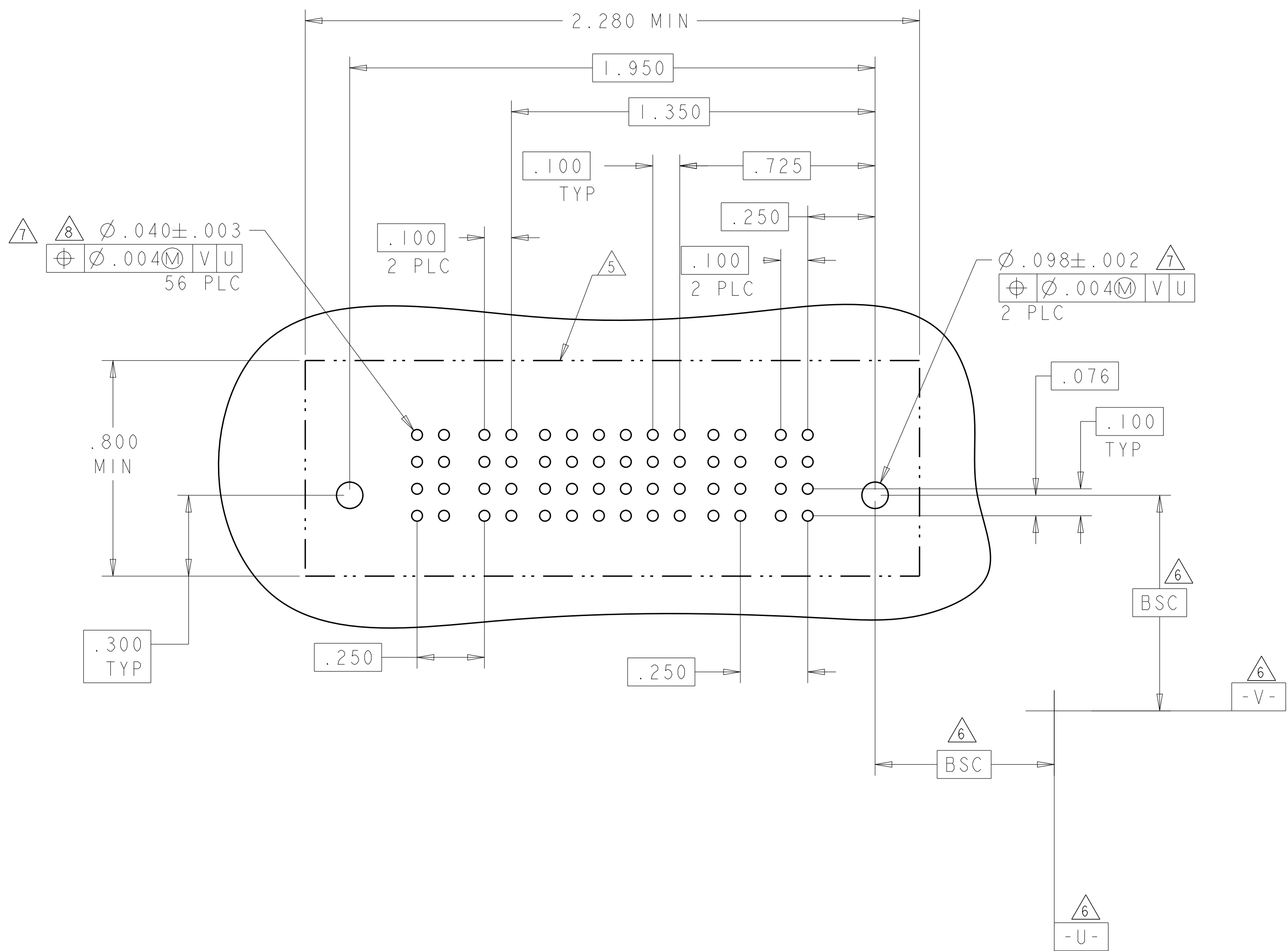
SHEET  
2

OF  
19

REV  
K9

ITE Connectivity

| PART NUMBER   | ROWS             |                                                                                     | POWER                                                                               |                                                                                     | SIGNAL |    |    |    |    |    | POWER |                                                                                     |                                                                                     |                                                                                     |  |
|---------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|----|----|----|----|----|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|               |                  |                                                                                     | P4                                                                                  | P3                                                                                  | 6      | 5  | 4  | 3  | 2  | 1  | P2    | P1                                                                                  |                                                                                     |                                                                                     |  |
| 2-6450540-5   | D<br>C<br>B<br>A |  |  |  | AP     | AP | AP | AP | AP | AP | AP    |  |  |  |  |
|               |                  |                                                                                     |                                                                                     |                                                                                     | AP     | AP | AP | AP | AP | AP | AP    |                                                                                     |                                                                                     |                                                                                     |  |
|               |                  |                                                                                     |                                                                                     |                                                                                     | AP     | AP | AP | AP | AP | AP | AP    |                                                                                     |                                                                                     |                                                                                     |  |
|               |                  |                                                                                     |                                                                                     |                                                                                     | AP     | AP | AP | AP | AP | AP | AP    |                                                                                     |                                                                                     |                                                                                     |  |
| 2P + 24S + 2P |                  |                                                                                     |                                                                                     |                                                                                     |        |    |    |    |    |    |       |                                                                                     |                                                                                     |                                                                                     |  |

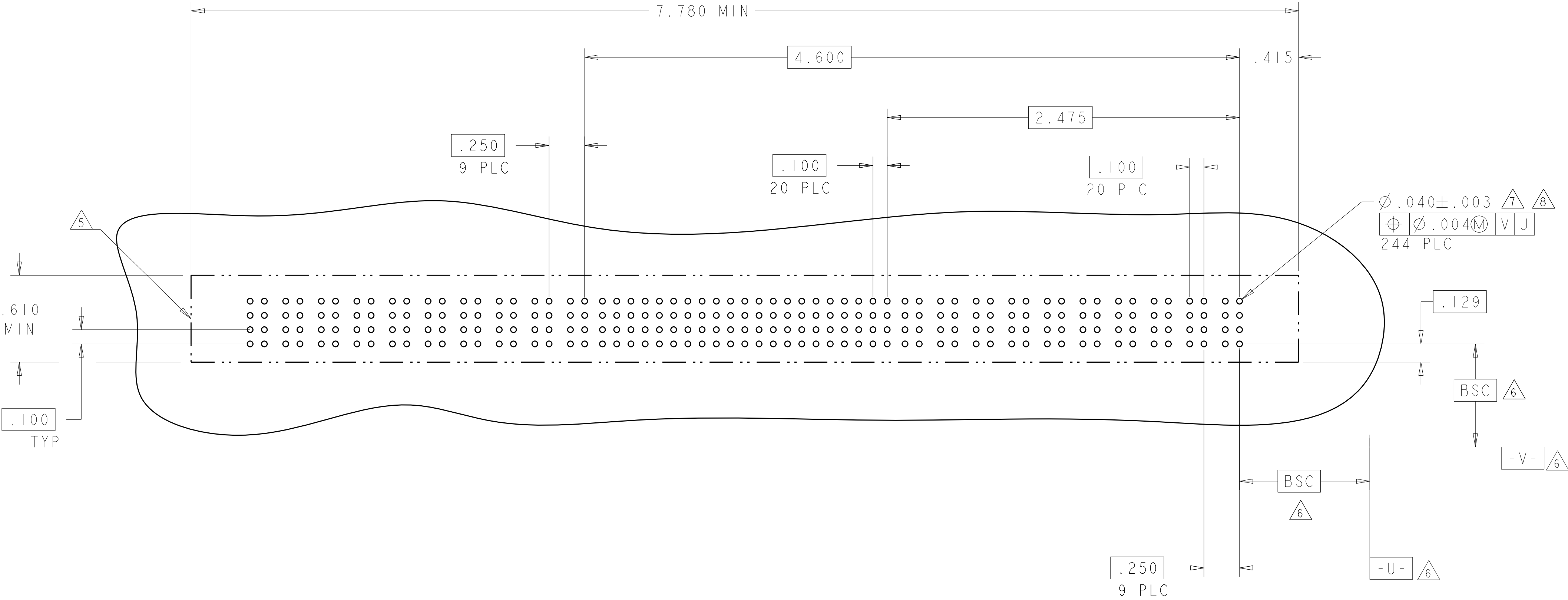


|      |                                     |
|------|-------------------------------------|
| VS   | STD POWER PRESSFIT CONTACT .115 LG  |
| VP   | MFBL POWER PRESSFIT CONTACT .115 LG |
| GS   | STD POWER PRESSFIT CONTACT .135 LG  |
| GP   | MFBL POWER PRESSFIT CONTACT .135 LG |
| P    | SIGNAL PRESSFIT CONTACT .115 LG     |
| AP   | SIGNAL PRESSFIT CONTACT .135 LG     |
| CODE | TAIL LENGTH                         |

4805 (3/11)

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

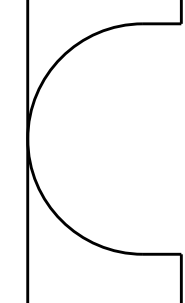
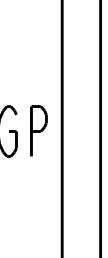
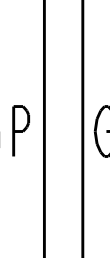
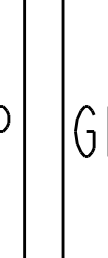
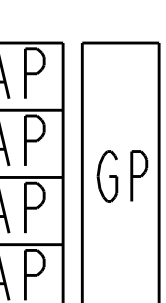
| PART NUMBER | ROWS             |  | POWER |     |     |     |     |     |     |     |     |     | SIGNAL |    |    |    |    |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   | POWER |     |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------|------------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|----|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|-------|-----|----|----|----|----|----|----|----|----|--|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|             |                  |  | P20   | P19 | P18 | P17 | P16 | P15 | P14 | P13 | P12 | P11 | 21     | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1     | P10 | P9 | P8 | P7 | P6 | P5 | P4 | P3 | P2 |  | P1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6450540-3   | D<br>C<br>B<br>A |  |       |     |     |     |     |     |     |     |     |     |        |    |    |    |    |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |       |     |    |    |    |    |    |    |    |    |  |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

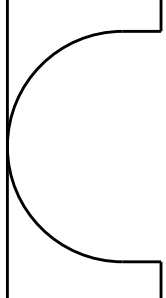
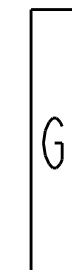
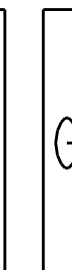
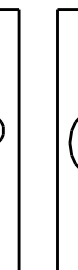
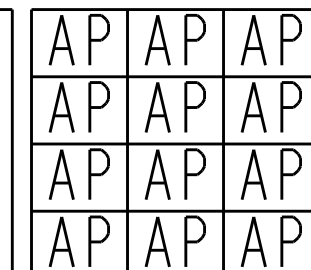
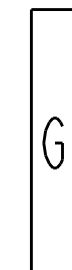
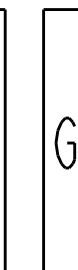
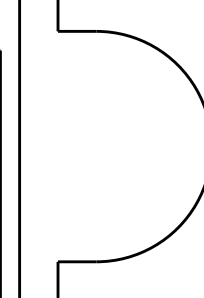


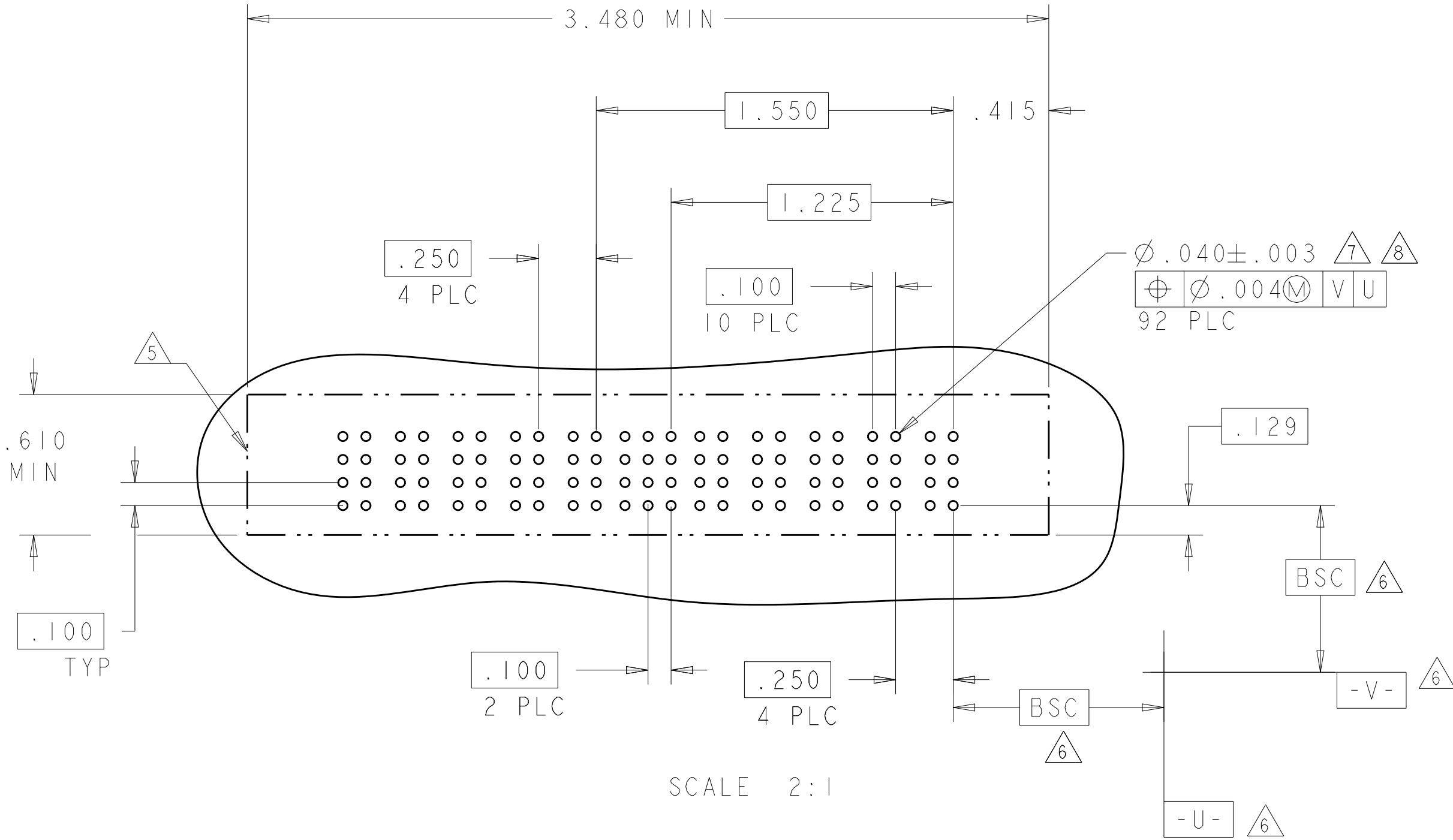
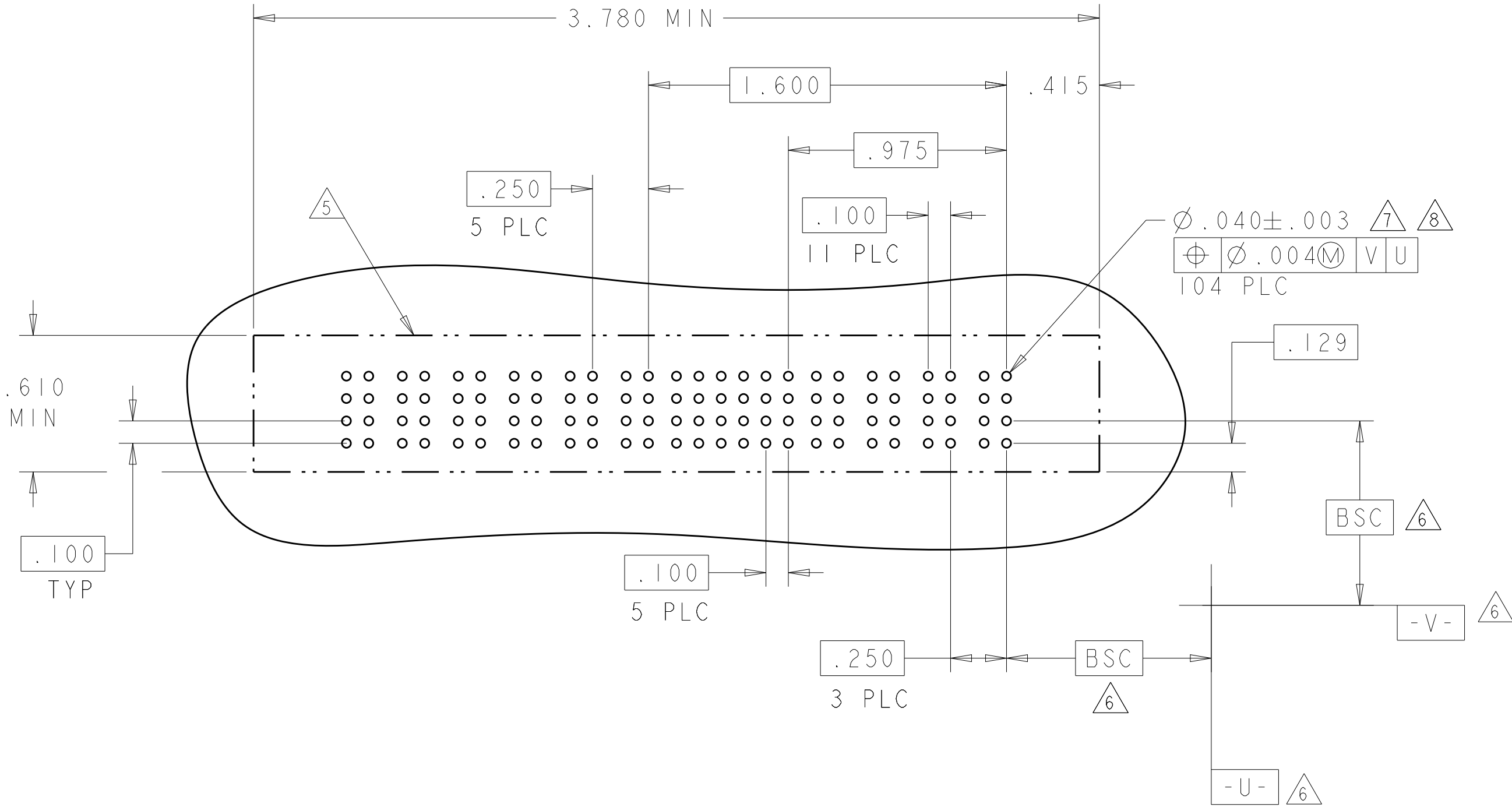
|               |                                     |
|---------------|-------------------------------------|
| HP            | MFBL POWER PRESSFIT CONTACT .165 LG |
| BP            | SIGNAL PRESSFIT CONTACT .165 LG     |
| GP            | MFBL POWER PRESSFIT CONTACT .135 LG |
| AP            | SIGNAL PRESSFIT CONTACT .135 LG     |
| CODE          | TAIL LENGTH                         |
| CONTACT TABLE |                                     |

|                                        |  |                                                                  |                         |
|----------------------------------------|--|------------------------------------------------------------------|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>R.GRZYBOWSKI<br>CHK<br>M.PERCHEKKE<br>APVD<br>M.PERCHEKKE | 29APR05<br>29APR05<br>- |
| DIMENSIONS:<br>INCHES                  |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                        |                         |
|                                        |  | 0 PLC ±.01                                                       |                         |
|                                        |  | 1 PLC ±.01                                                       |                         |
| MATERIAL                               |  | 2 PLC ±.005                                                      |                         |
|                                        |  | 3 PLC ±.005                                                      |                         |
|                                        |  | 4 PLC ±.0020                                                     |                         |
|                                        |  | ANGLES ±.2°                                                      |                         |
|                                        |  | FINISH                                                           |                         |
|                                        |  | 114-13038                                                        |                         |
|                                        |  | WEIGHT                                                           |                         |
|                                        |  | -                                                                |                         |
|                                        |  | CUSTOMER DRAWING                                                 |                         |
|                                        |  | NAME                                                             |                         |
|                                        |  | VERTICAL RECEPTACLE ASSEMBLY<br>WITH GUIDES<br>MULTI-BEAM XL     |                         |
|                                        |  | SIZE                                                             |                         |
|                                        |  | A100779                                                          |                         |
|                                        |  | CAGE CODE                                                        |                         |
|                                        |  | DRAWING NO                                                       |                         |
|                                        |  | RESTRICTED TO                                                    |                         |
|                                        |  | -                                                                |                         |
|                                        |  | SCALE                                                            |                         |
|                                        |  | 2:1                                                              |                         |
|                                        |  | SHEET                                                            |                         |
|                                        |  | 4 OF 19                                                          |                         |
|                                        |  | REV                                                              |                         |
|                                        |  | K9                                                               |                         |

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

| PART NUMBER   | ROWS             |                                                                                   | POWER                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |    | SIGNAL |    |    |    |    |                                                                                   | POWER                                                                             |                                                                                   |                                                                                    |                                                                                     |  |
|---------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----|--------|----|----|----|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|               |                  |                                                                                   | P10                                                                               | P9                                                                                | P8                                                                                | P7                                                                                | P6                                                                                | P5 | 6      | 5  | 4  | 3  | 2  | 1                                                                                 | P4                                                                                | P3                                                                                | P2                                                                                 | P1                                                                                  |  |
| 6450540-4     | D<br>C<br>B<br>A |  |  |  |  |  |  | AP | AP     | AP | AP | AP | AP |  |  |  |  |  |  |
|               |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | AP | AP     | AP | AP | AP | AP |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |  |
|               |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | AP | AP     | AP | AP | AP | AP |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |  |
|               |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | AP | AP     | AP | AP | AP | AP |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |  |
| 4P + 24S + 6P |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |    |        |    |    |    |    |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |  |

| PART NUMBER   | ROWS             |                                                                                     | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     | SIGNAL                                                                              |                                                                                     |                                                                                     | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |    |  |
|---------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|--|
|               |                  |                                                                                     | P10                                                                                 | P9                                                                                  | P8                                                                                  | P7                                                                                  | P6                                                                                  | 3                                                                                   | 2                                                                                   | 1                                                                                   | P5                                                                                  | P4                                                                                  | P3                                                                                  | P2                                                                                  | P1 |  |
| 6450540-5     | D<br>C<br>B<br>A |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |
|               |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |  |
|               |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |  |
|               |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |  |
| 5P + 12S + 5P |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |  |



|               |                                     |
|---------------|-------------------------------------|
| GP            | MFBL POWER PRESSFIT CONTACT .135 LG |
| AP            | SIGNAL PRESSFIT CONTACT .135 LG     |
| CODE          | TAIL LENGTH                         |
| CONTACT TABLE |                                     |

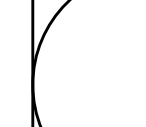
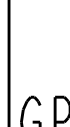
|                                        |  |                                                                     |                         |
|----------------------------------------|--|---------------------------------------------------------------------|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>R. GRZYBOWSKI<br>CHK<br>M. PERCHERKE<br>APVD<br>M. PERCHERKE | 29APR05<br>29APR05<br>- |
| DIMENSIONS:<br>INCHES                  |  | PRODUCT SPEC                                                        | NAME                    |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | APPLICATION SPEC                                                    | SIZE                    |
| 0 PLC ±.01                             |  | 114-13038                                                           | CAGE CODE               |
| 1 PLC ±.01                             |  | WEIGHT                                                              | DRAWING NO              |
| 2 PLC ±.01                             |  | CUSTOMER DRAWING                                                    | RESTRICTED TO           |
| 3 PLC ±.005                            |  |                                                                     |                         |
| 4 PLC ±.0020                           |  |                                                                     |                         |
| ANGLES ±.0020                          |  |                                                                     |                         |
| FINISH                                 |  |                                                                     |                         |

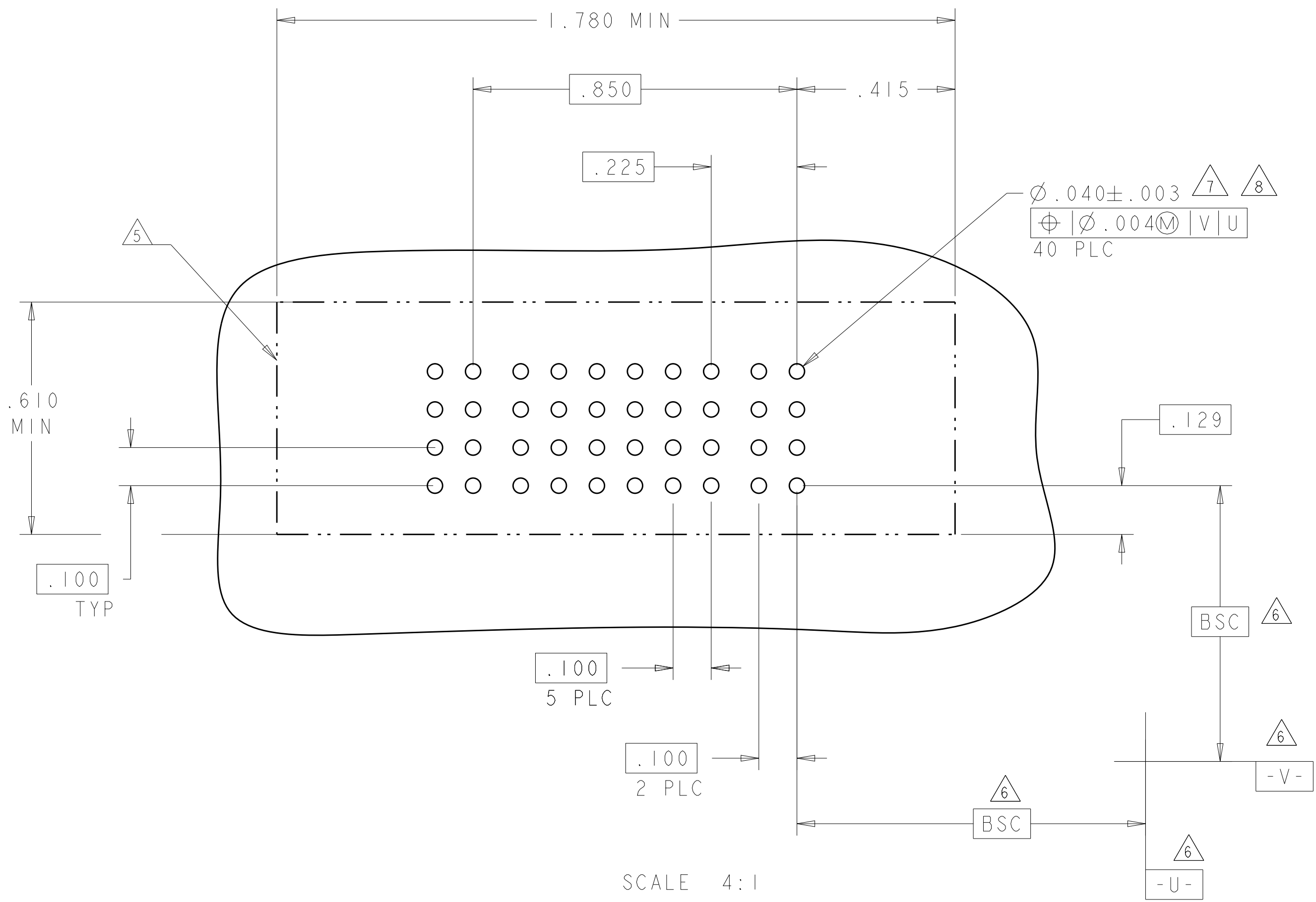
**TE** TE Connectivity

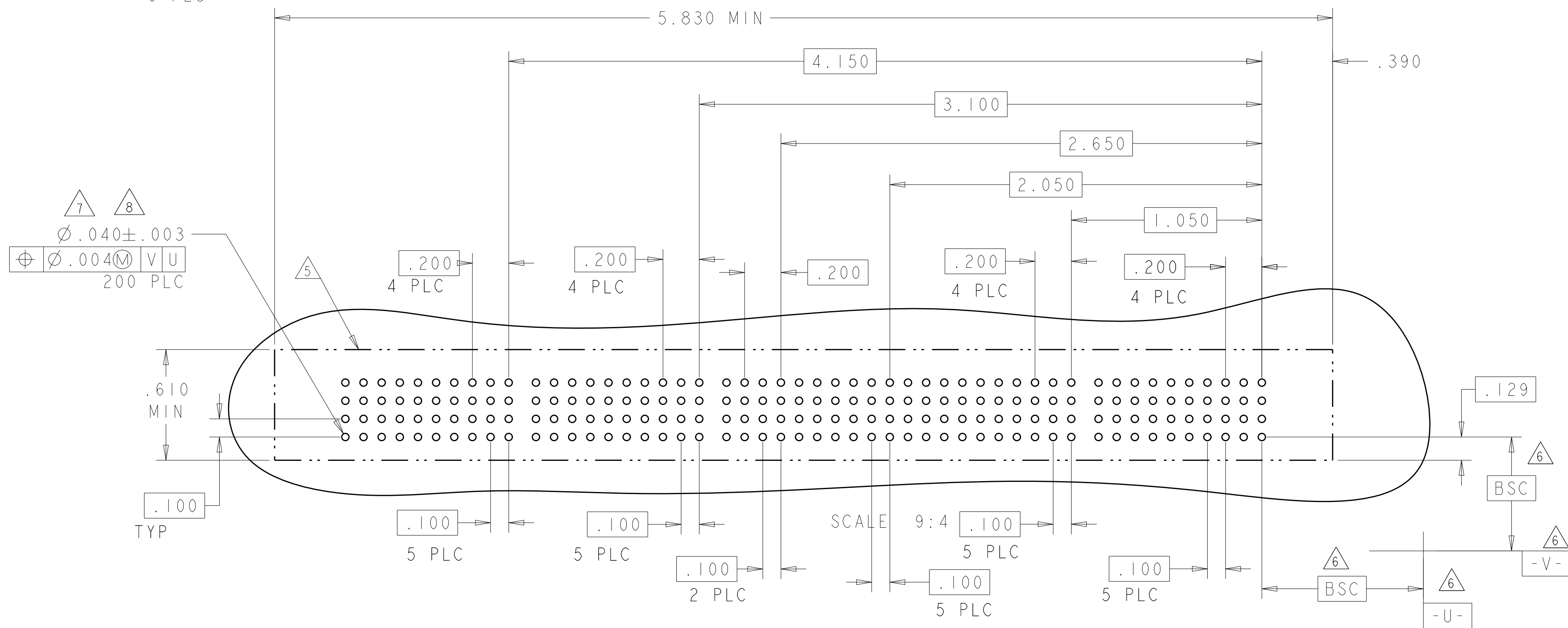
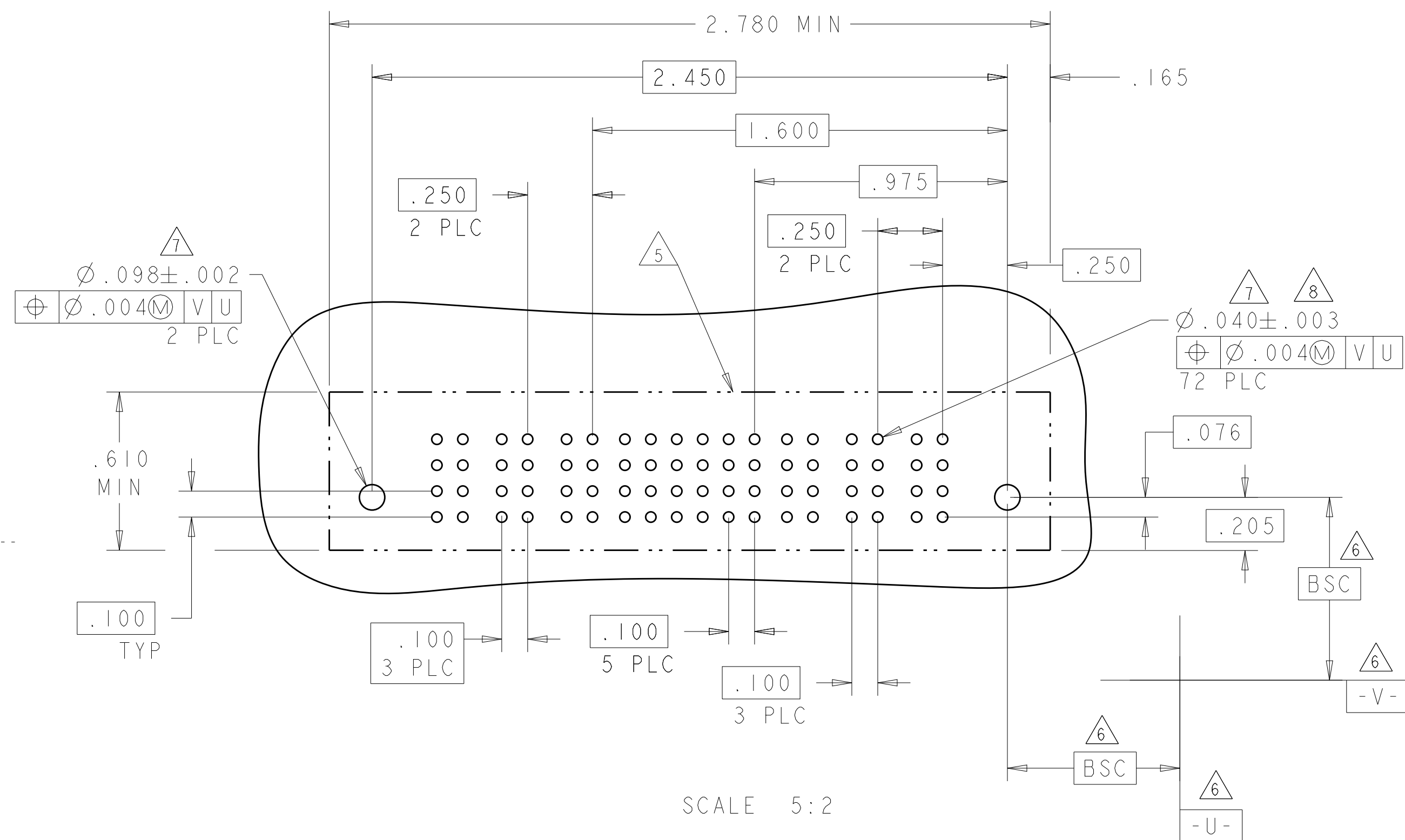
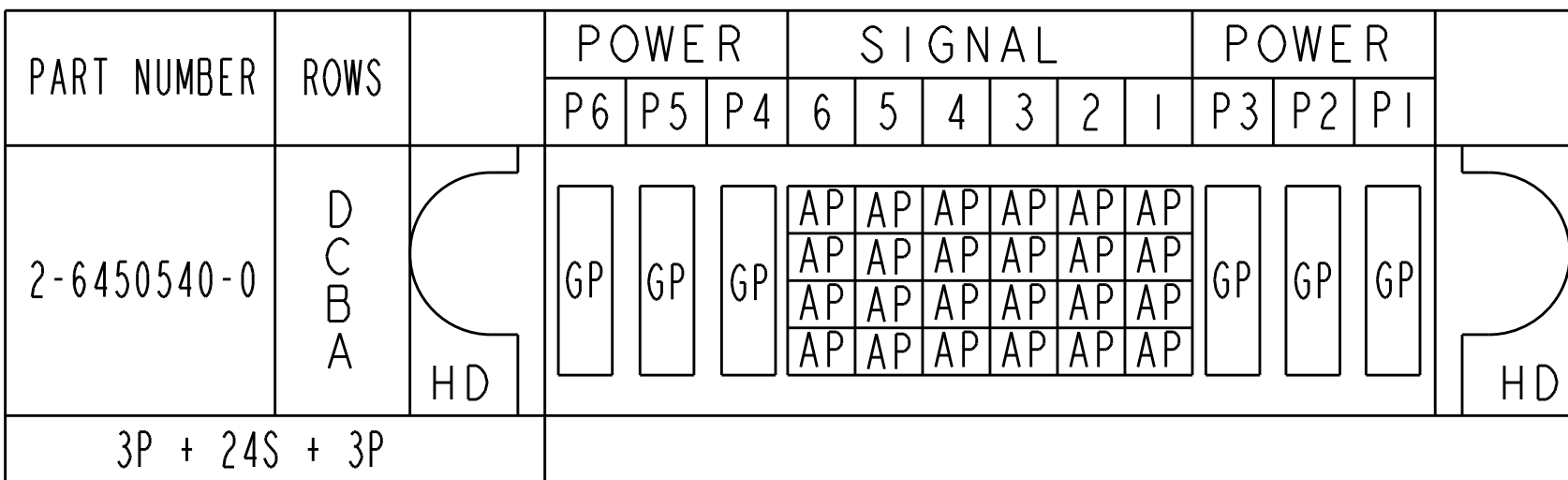
VERTICAL RECEPTACLE ASSEMBLY  
WITH GUIDES  
MULTI-BEAM XL

A100779C=6450540

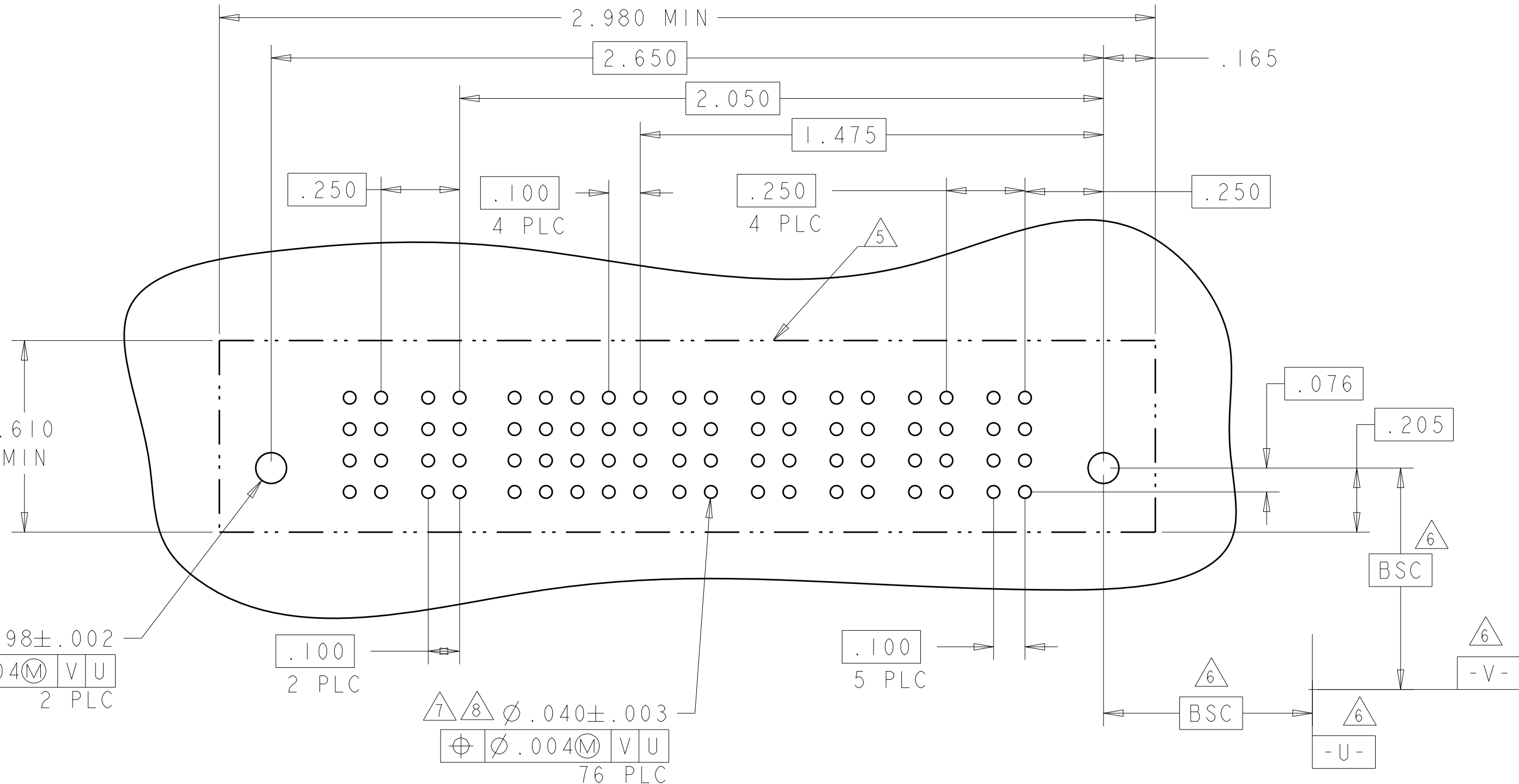
SCALE 2:1 SHEET 5 OF 19 REV K9

| PART NUMBER | ROWS             |                                                                                     | POWER                                                                               | SIGNAL |    |    |    |    |    |    | POWER                                                                               |                                                                                     |
|-------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|----|----|----|----|----|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|             |                  |                                                                                     | P2                                                                                  | 6      | 5  | 4  | 3  | 2  | 1  | P1 |                                                                                     |                                                                                     |
| 6450540-7   | D<br>C<br>B<br>A |  |  | AP     | AP | AP | AP | AP | AP | AP |  |  |
|             |                  |                                                                                     | IP + 24S + IP                                                                       |        |    |    |    |    |    |    |                                                                                     |                                                                                     |

4805 (3/11)



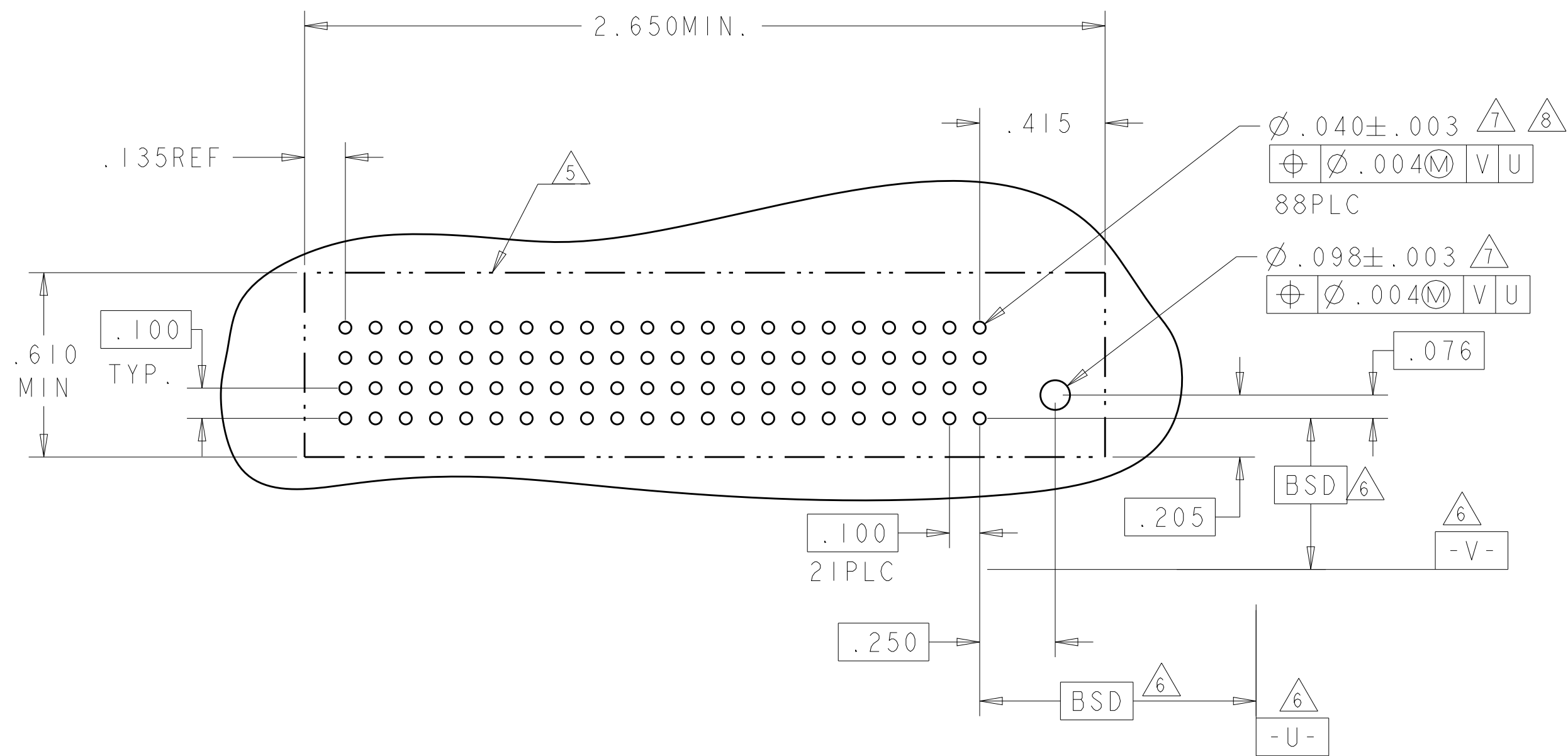
| PART NUMBER   | ROWS             |                                                                                        | POWER                                                                               |                                                                                     | SIGNAL |    |    |    |    | POWER |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                        |
|---------------|------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|----|----|----|----|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
|               |                  |                                                                                        | P7                                                                                  | P6                                                                                  | 5      | 4  | 3  | 2  | 1  | P5    | P4                                                                                  | P3                                                                                  | P2                                                                                  | P1                                                                                  |                                                                                     |                                                                                        |
| 4-6450540-3   | D<br>C<br>B<br>A |  HD |  |  | AP     | AP | AP | AP | AP | AP    |  |  |  |  |  |  HD |
| 5P + 20S + 2P |                  |                                                                                        |                                                                                     |                                                                                     |        |    |    |    |    |       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                        |



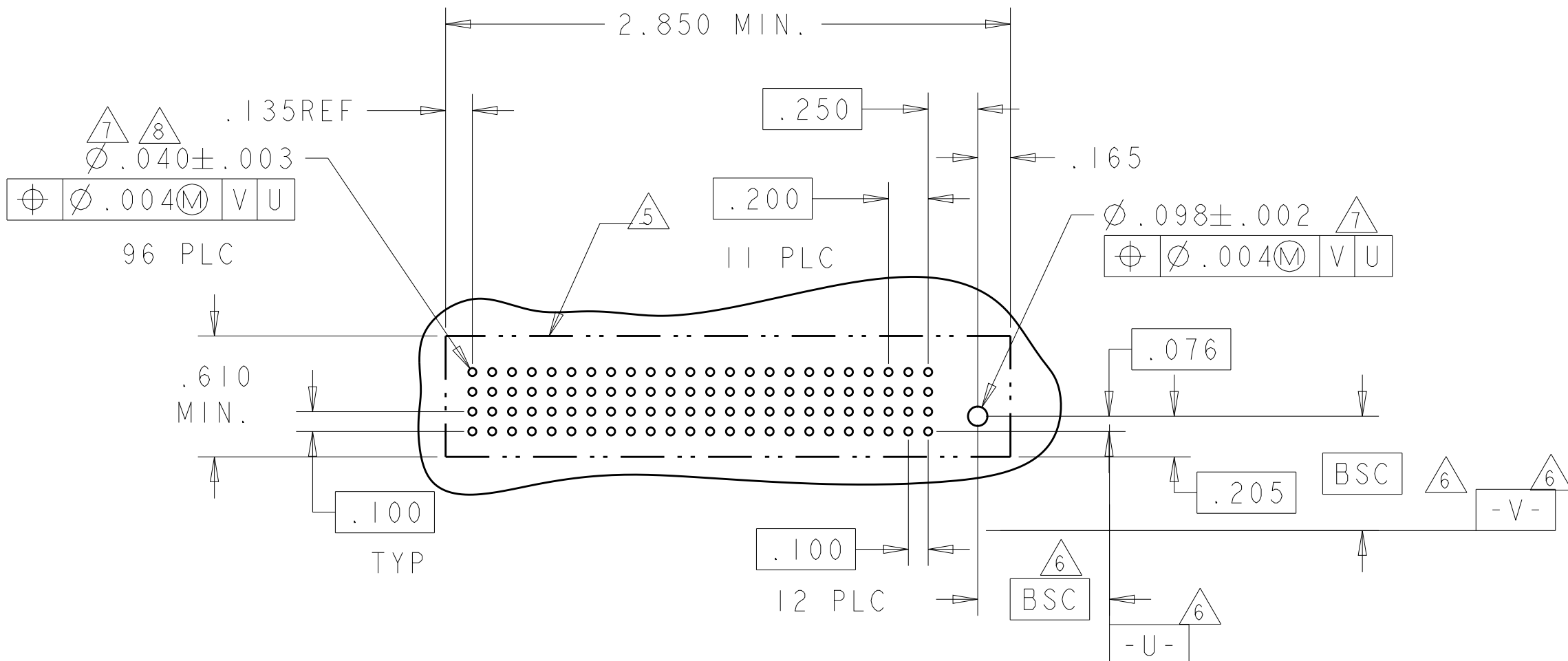
|                                                                                       |  |                                            |  |                                                                                                       |  |
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| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWA<br>R. GRZYBOWSKI<br>29APR05            |  |  TE Connectivity |  |
|                                                                                       |  | CHP<br>M. PERCHERKE<br>29APR05             |  |                                                                                                       |  |
| DIMENSIONS:<br>INCHES                                                                 |  | TOLERANCES, UNLESS<br>OTHERWISE SPECIFIED: |  | NAME                                                                                                  |  |
|  |  | 0 PLC<br>±                                 |  | VERTICAL RECEPTACLE ASSEMBLY<br>WITH GUIDES<br>MULTI-BEAM XL                                          |  |
|                                                                                       |  | 2 PLC<br>± 0.1                             |  |                                                                                                       |  |
|                                                                                       |  | 4 PLC<br>± 0.05                            |  |                                                                                                       |  |
|                                                                                       |  | 4 PLC<br>± 0.020                           |  |                                                                                                       |  |
| ANGLES<br>FINGER                                                                      |  | APPROX<br>± 1°                             |  | SIZE                                                                                                  |  |
|                                                                                       |  | 114-13038                                  |  | CASE CODE                                                                                             |  |
|                                                                                       |  | WEIGHT<br>-                                |  | DRAWING NO                                                                                            |  |
|                                                                                       |  | CUSTOMER DRAWING                           |  | RESTRICTED TO                                                                                         |  |
|                                                                                       |  |                                            |  | A 100779                                                                                              |  |
|                                                                                       |  |                                            |  | C-6450540                                                                                             |  |
|                                                                                       |  |                                            |  | SCALE 2:1                                                                                             |  |
|                                                                                       |  |                                            |  | SHEET 8 OF 19                                                                                         |  |
|                                                                                       |  |                                            |  | REV K9                                                                                                |  |

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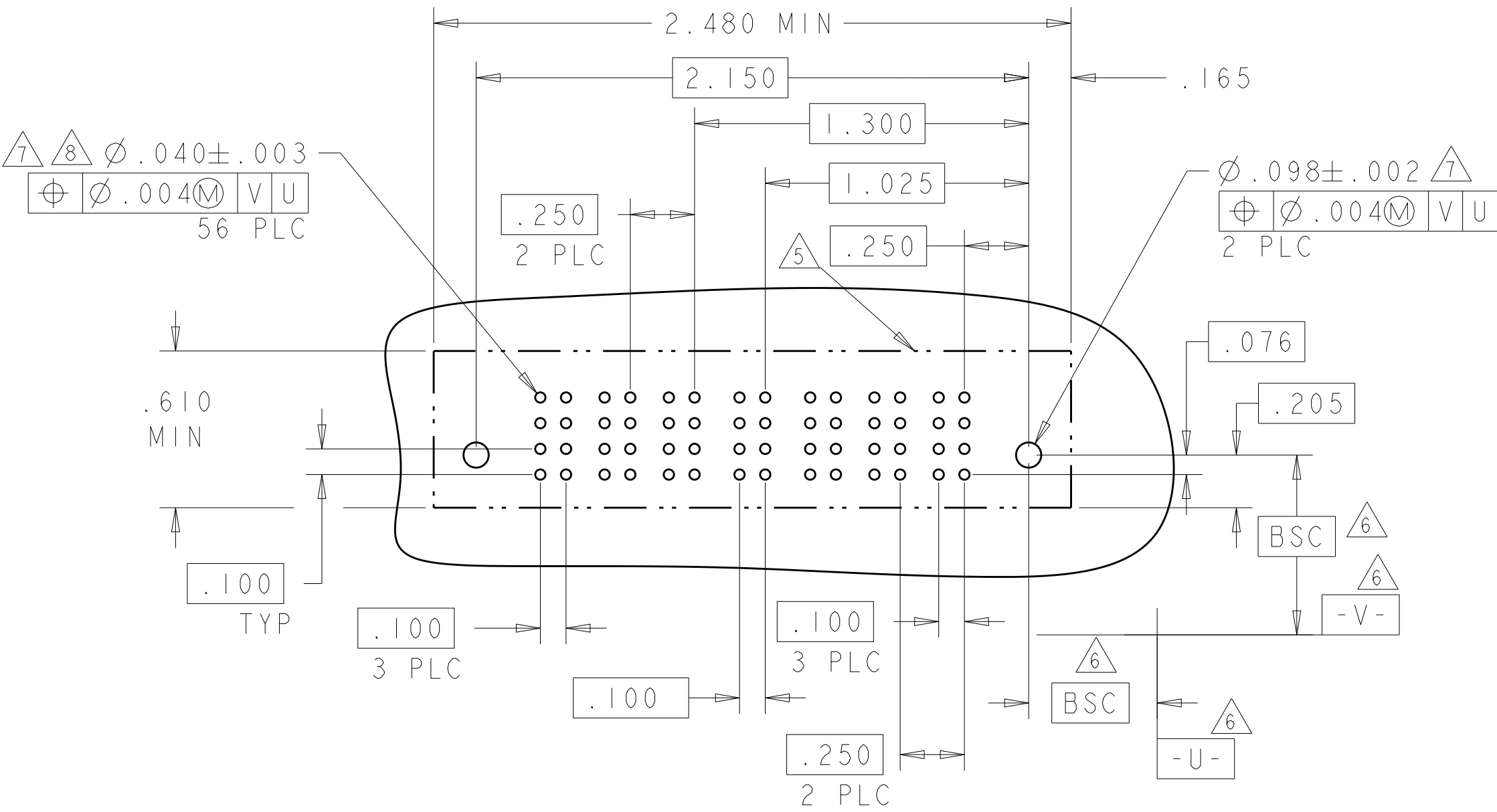
| PART NUMBER | ROWS             | POWER |     |    |    |    |    |    |    |    |    |  |
|-------------|------------------|-------|-----|----|----|----|----|----|----|----|----|--|
|             |                  | P11   | P10 | P9 | P8 | P7 | P6 | P5 | P3 | P2 | P1 |  |
| 4-6450540-2 | D<br>C<br>B<br>A | GP    | GP  | GP | GP | GP | GP | GP | GP | GP | GP |  |
| 11HDP       |                  |       |     |    |    |    |    |    |    |    |    |  |

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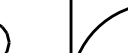
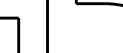
| PART NUMBER | ROWS          | POWER |     |     |    |    |    |    |    |    |    |    |    |
|-------------|---------------|-------|-----|-----|----|----|----|----|----|----|----|----|----|
|             |               | P12   | P11 | P10 | P9 | P8 | P7 | P6 | P5 | P3 | P2 |    | P1 |
| 4-6450540-5 | DC<br>CB<br>A | GS    | GS  | GS  | GS | GS | GS | GS | GS | GS | GS | GS | HD |
| 12HDP       |               |       |     |     |    |    |    |    |    |    |    |    |    |



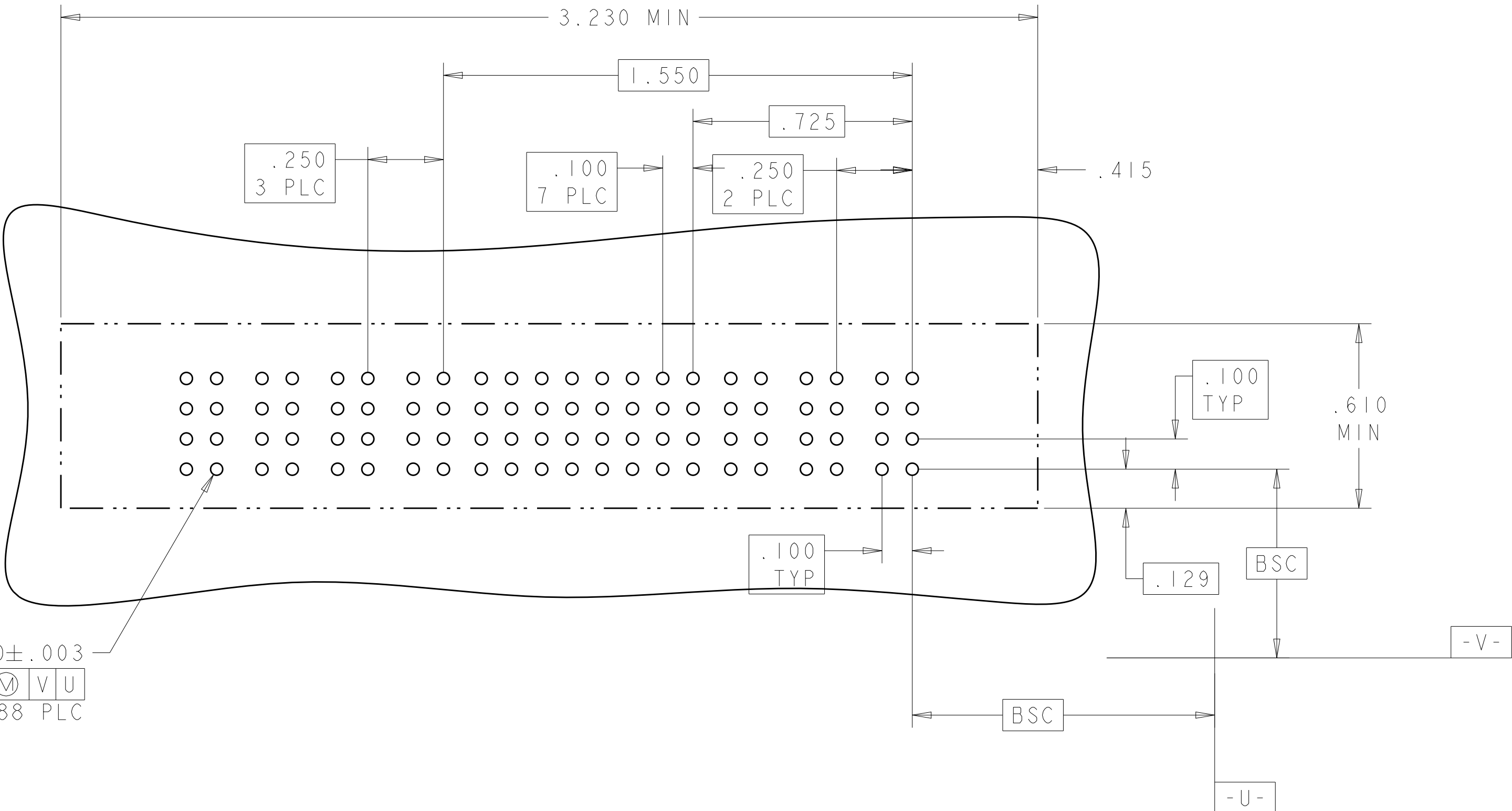
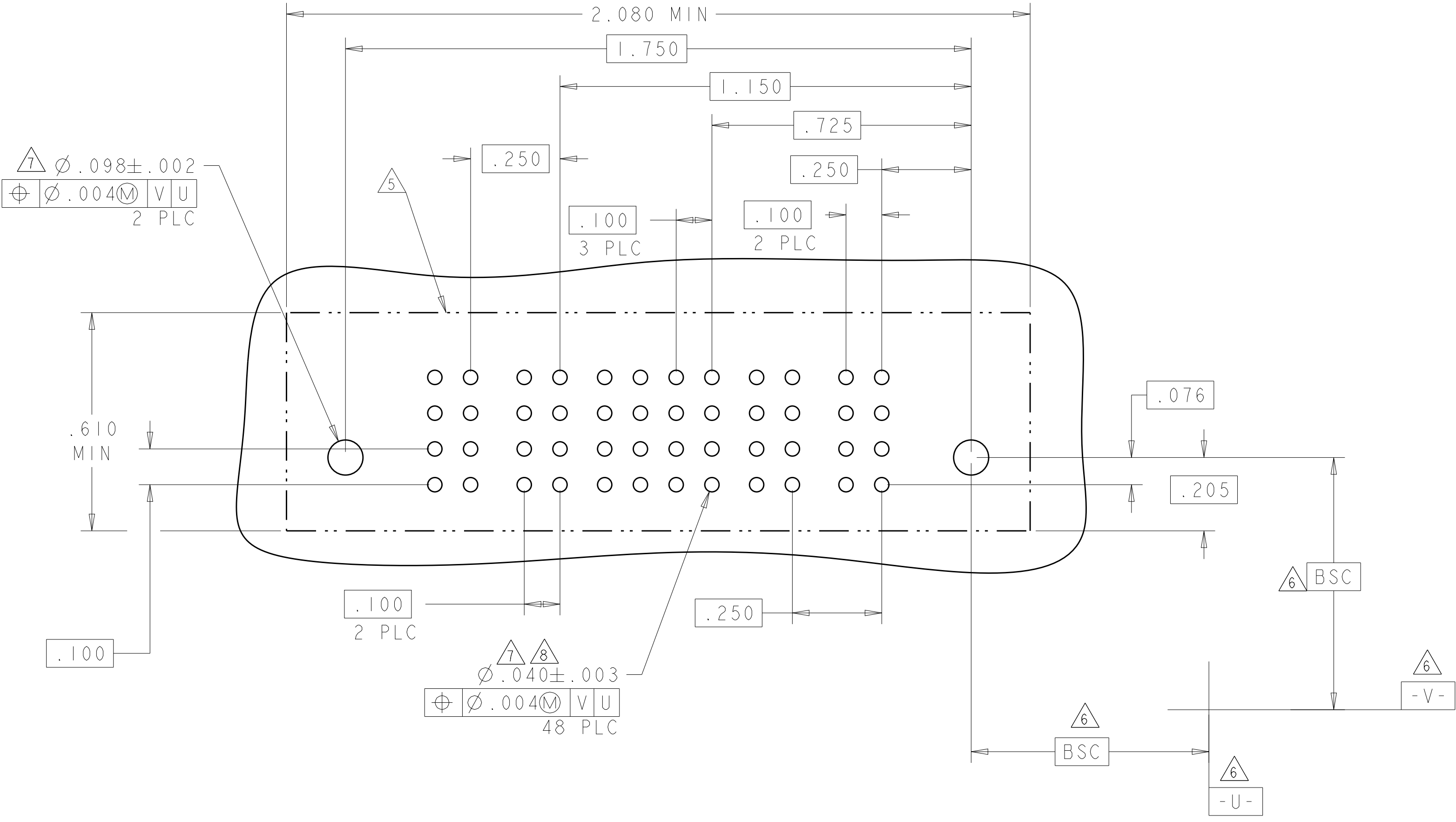
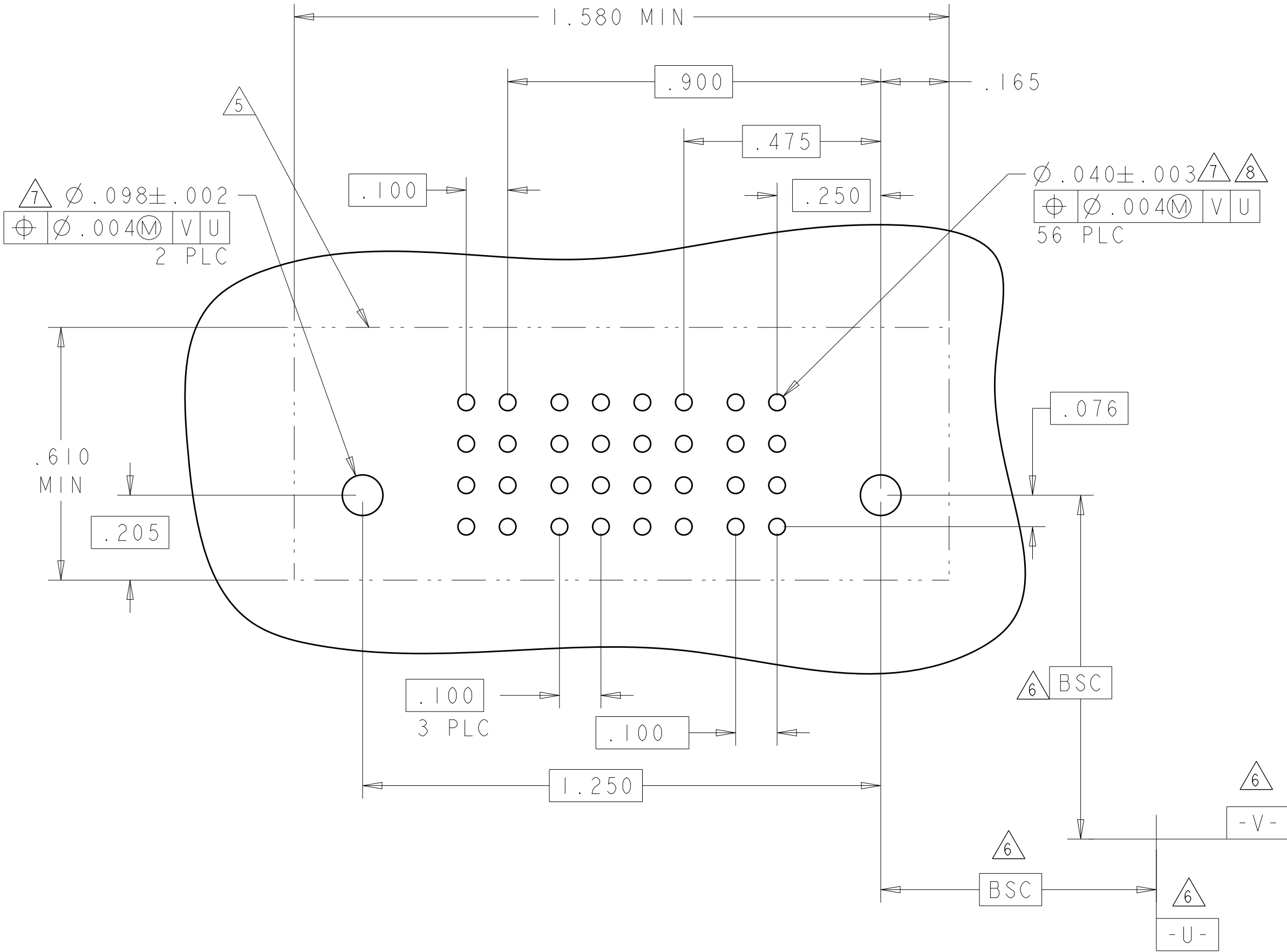
| PART NUMBER  | ROWS             |                                                                                       | POWER                                                                                 |                                                                                       |                                                                                       | SIGNAL                                                                                |                                                                                       | POWER                                                                                 |                                                                                       |                                                                                       |                                                                                       |
|--------------|------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|              |                  |                                                                                       | P6                                                                                    | P5                                                                                    | P4                                                                                    | 2                                                                                     | 1                                                                                     | P3                                                                                    | P2                                                                                    | P1                                                                                    |                                                                                       |
| 4-6450540-7  | D<br>C<br>B<br>A |  |  |  |  |  |  |  |  |  |  |
| 3P + 8S + 3P |                  |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |

4805 (3/11)

| LOC |     | DIST        |  | REVISIONS |      |     |      |  |
|-----|-----|-------------|--|-----------|------|-----|------|--|
| P   | LYR | DESCRIPTION |  |           | DATE | DWN | APVD |  |
| -   | -   | SEE SHEET 1 |  |           | -    | -   | -    |  |
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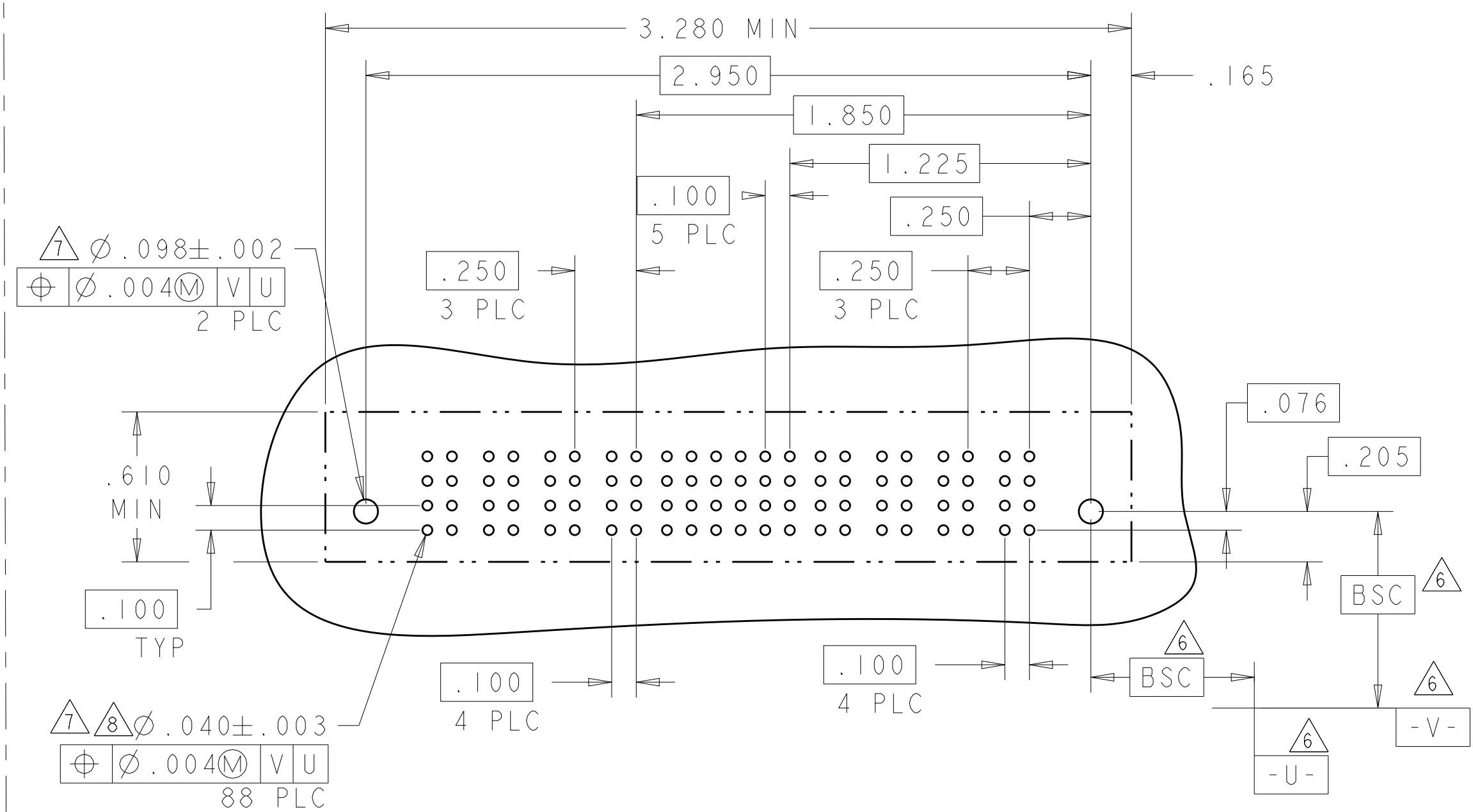
| PART NUMBER   | ROWS             |                                                                                   | POWER |    | SIGNAL |    |    |    | POWER                                                                             |  |  |
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|               |                  |                                                                                   | P2    | 4  | 3      | 2  | 1  | P1 |                                                                                   |  |  |
| 4-6450540-8   | D<br>C<br>B<br>A |  | GS    | AP | AP     | AP | AP | GS |  |  |  |
|               |                  |                                                                                   |       | AP | AP     | AP | AP |    |                                                                                   |  |  |
|               |                  |                                                                                   |       | AP | AP     | AP | AP |    |                                                                                   |  |  |
|               |                  |                                                                                   |       | AP | AP     | AP | AP |    |                                                                                   |  |  |
| IP + 16S + 1P |                  |                                                                                   |       |    |        |    |    |    |                                                                                   |  |  |

| PART NUMBER   | ROWS             |                                                                                     | POWER                                                                               |                                                                                     | SIGNAL |    |    |    | POWER                                                                               |                                                                                     |                                                                                     |
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|               |                  |                                                                                     | P4                                                                                  | P3                                                                                  | 4      | 3  | 2  | 1  | P2                                                                                  | P1                                                                                  |                                                                                     |
| 5-6450540-1   | D<br>C<br>B<br>A |  |  |  | AP     | AP | AP | AP |  |  |  |
|               |                  |                                                                                     |                                                                                     |                                                                                     | AP     | AP | AP | AP |                                                                                     |                                                                                     |                                                                                     |
|               |                  |                                                                                     |                                                                                     |                                                                                     | AP     | AP | AP | AP |                                                                                     |                                                                                     |                                                                                     |
|               |                  |                                                                                     |                                                                                     |                                                                                     | AP     | AP | AP | AP |                                                                                     |                                                                                     |                                                                                     |
| 2P + 16S + 2P |                  |                                                                                     |                                                                                     |                                                                                     |        |    |    |    |                                                                                     |                                                                                     |                                                                                     |



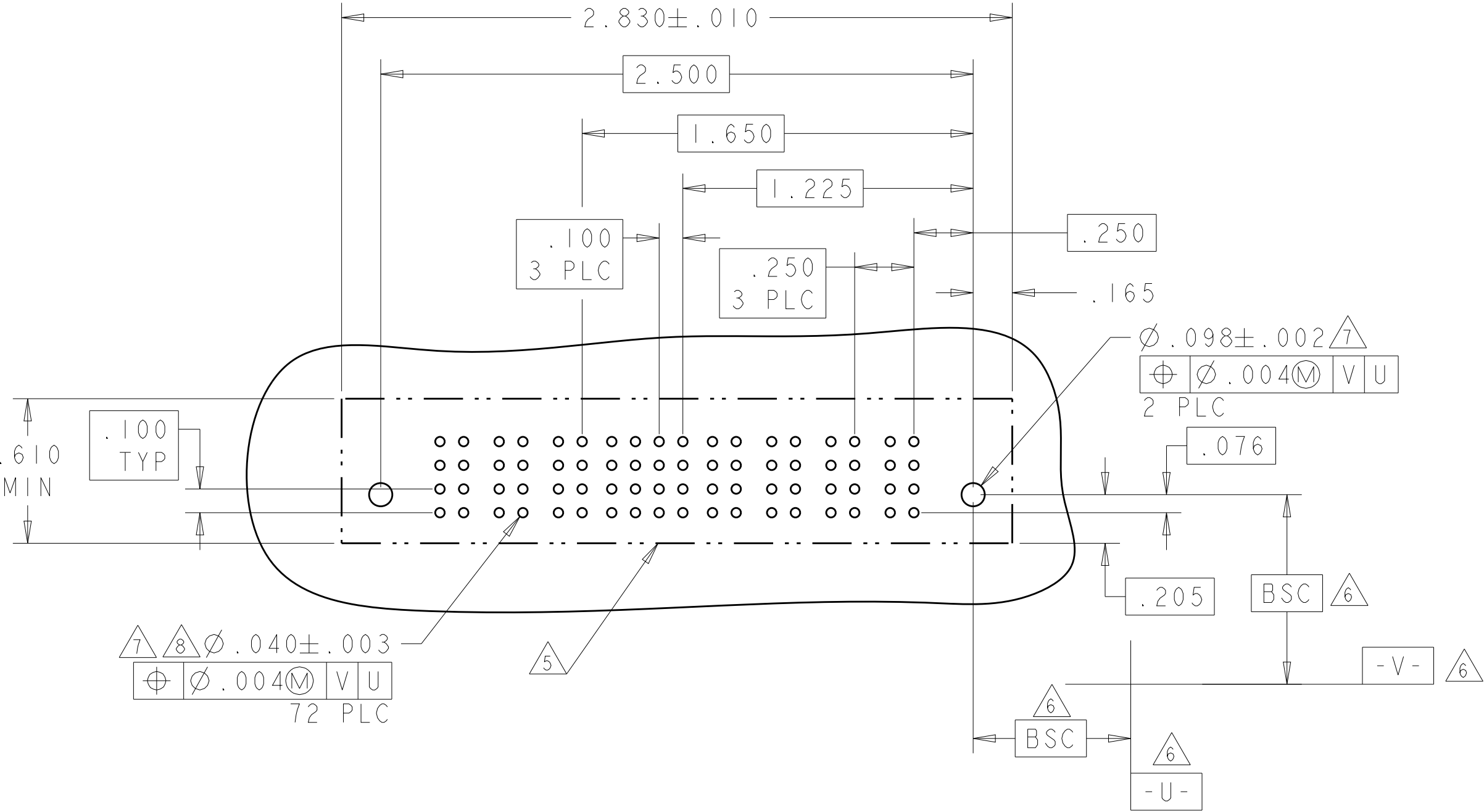
| PART NUMBER   | ROWS             |                                                                                       | POWER                                                                                 |                                                                                       |                                                                                       |                                                                                       | SIGNAL |   |   |   |   |   |   |   | POWER                                                                                 |                                                                                       |                                                                                       |                                                                                       |  |
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|               |                  |                                                                                       | P7                                                                                    | P6                                                                                    | P5                                                                                    | P4                                                                                    | 8      | 7 | 6 | 5 | 4 | 3 | 2 | 1 | P3                                                                                    | P2                                                                                    | P1                                                                                    |                                                                                       |  |
| 1-6450540-1   | D<br>C<br>B<br>A |  |  |  |  |  | P      | P | P | P | P | P | P | P |  |  |  |  |  |
|               |                  |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       | P      | P | P | P | P | P | P | P |                                                                                       |                                                                                       |                                                                                       |                                                                                       |  |
|               |                  |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       | P      | P | P | P | P | P | P | P |                                                                                       |                                                                                       |                                                                                       |                                                                                       |  |
|               |                  |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       | P      | P | P | P | P | P | P | P |                                                                                       |                                                                                       |                                                                                       |                                                                                       |  |
| 3P + 32S + 4P |                  |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |        |   |   |   |   |   |   |   |                                                                                       |                                                                                       |                                                                                       |                                                                                       |  |

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|----------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN R. GRZYBOWSKI 29APR05                                                                                                      | TE Connectivity                                        |  |
| DIMENSIONS: INCHES                     |  | CHK M. PERCHERKE 29APR05                                                                                                       |                                                        |  |
|                                        |  | APVD M. PERCHERKE                                                                                                              | NAME                                                   |  |
|                                        |  | PRODUCT SPEC                                                                                                                   | VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL |  |
| MATERIAL                               |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                                                         | SIZE                                                   |  |
|                                        |  | 0 PLC $\pm .$<br>1 PLC $\pm .01$<br>2 PLC $\pm .01$<br>3 PLC $\pm .005$<br>4 PLC $\pm .0020$<br>ANGLES $\pm 2^\circ$<br>FINISH | CAGE CODE DRAWING NO                                   |  |
|                                        |  |                                                                                                                                | RESTRICTED TO                                          |  |
|                                        |  |                                                                                                                                | A100779                                                |  |
|                                        |  |                                                                                                                                | C=6450540                                              |  |
|                                        |  |                                                                                                                                | K9                                                     |  |
|                                        |  |                                                                                                                                | SCALE 2:1                                              |  |
|                                        |  |                                                                                                                                | SHEET 12 OF 19                                         |  |
|                                        |  |                                                                                                                                | REV                                                    |  |
|                                        |  |                                                                                                                                | K9                                                     |  |
|                                        |  |                                                                                                                                | CUSTOMER DRAWING                                       |  |
|                                        |  |                                                                                                                                | DATE                                                   |  |
|                                        |  |                                                                                                                                | 2:1                                                    |  |

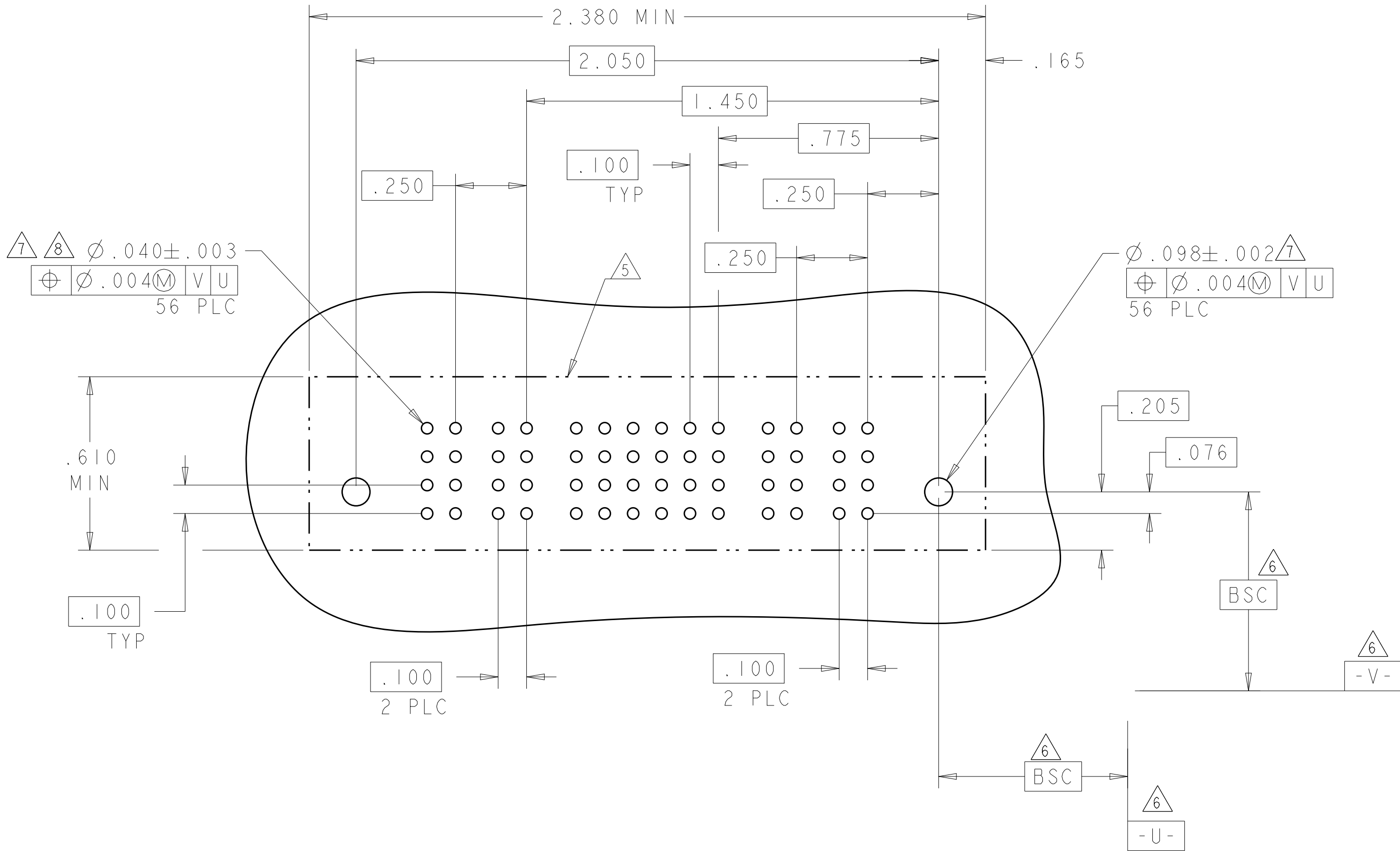
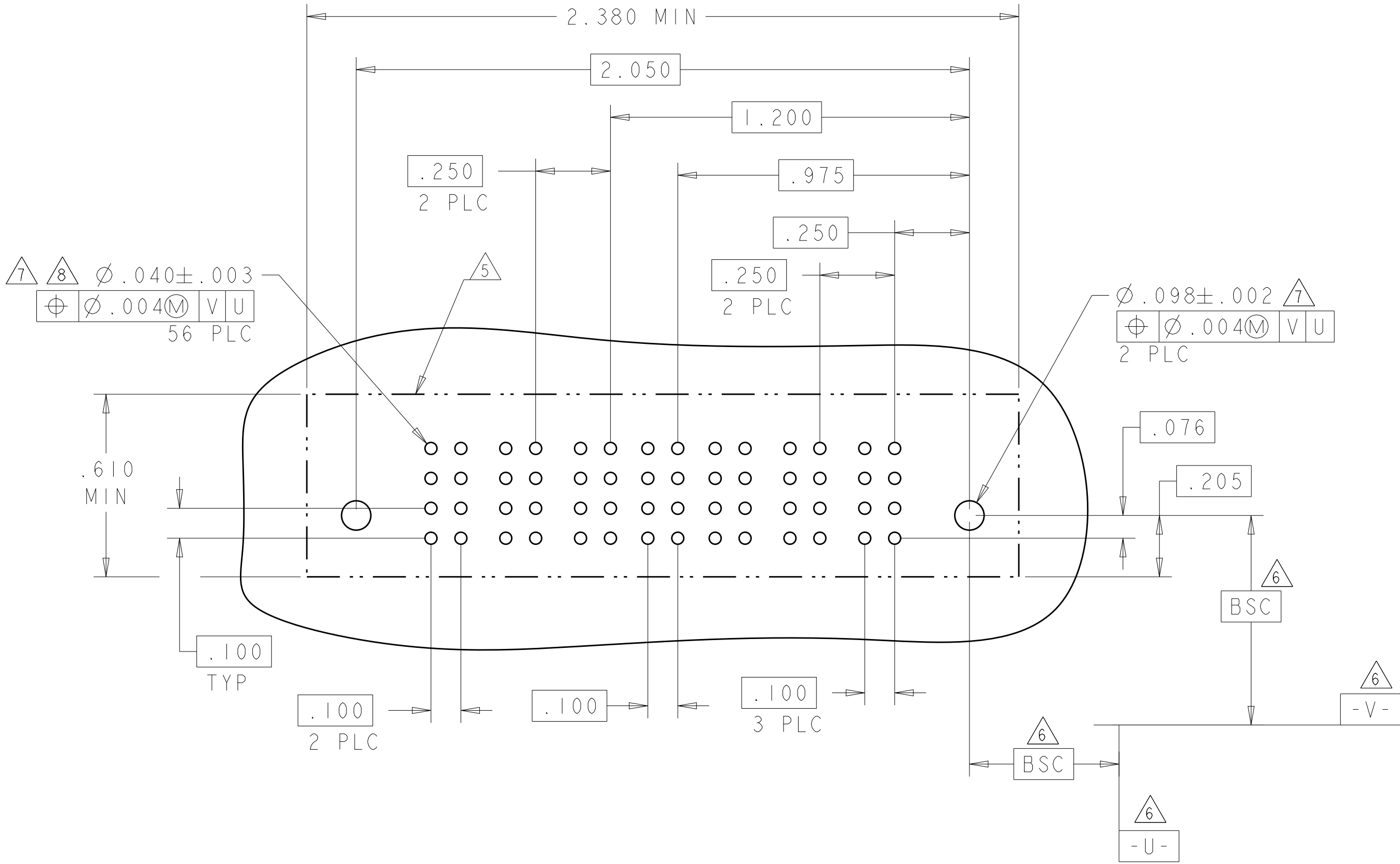
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| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN R. GRZYBOWSKI 29APR05              |  |  TE Connectivity |  |
|                                                                                       |  | CHK M. PERCHERKE 29APR05               |  |                                                                                                       |  |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | NAME<br>VERTICAL RECEPTACLE ASSEMBLY<br>WITH GUIDES<br>MULTI-BEAM XL                                  |  |
| INCHES                                                                                |  | -                                      |  |                                                                                                       |  |
|  |  | APVD M. PERCHERKE                      |  |                                                                                                       |  |
|                                                                                       |  | PRODUCT SPEC                           |  |                                                                                                       |  |
|                                                                                       |  | 108-1973                               |  |                                                                                                       |  |
|                                                                                       |  | APPLICATION SPEC                       |  |                                                                                                       |  |
| 6 PLC ±.01                                                                            |  | 114-13038                              |  | SIZE CAGE CODE DRAWING NO RESTRICTED TO                                                               |  |
| 2 PLC ±.01                                                                            |  |                                        |  | A100779G-6450540 -                                                                                    |  |
| 3 PLC ±.005                                                                           |  |                                        |  |                                                                                                       |  |
| 4 PLC ±.0020                                                                          |  |                                        |  |                                                                                                       |  |
| ANGLES ±°                                                                             |  |                                        |  |                                                                                                       |  |
| MATERIAL                                                                              |  | FINISH                                 |  | WEIGHT                                                                                                |  |
|                                                                                       |  |                                        |  | CUSTOMER DRAWING                                                                                      |  |
|                                                                                       |  |                                        |  | SCALE 2:1 SHEET 13 OF 19 REV K9                                                                       |  |

| PART NUMBER   | ROWS             |                                                                                   | POWER                                                                             |                                                                                   |    | SIGNAL |   |   |    | POWER |    |    |                                                                                   |  |
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|               |                  |                                                                                   | P7                                                                                | P6                                                                                | P5 | 4      | 3 | 2 | 1  | P4    | P3 | P2 | P1                                                                                |  |
| 5-6450540-4   | D<br>C<br>B<br>A |  |  |  | P  | P      | P | P | VS | VS    | VS | VS |  |  |
|               |                  |                                                                                   |                                                                                   |                                                                                   | P  | P      | P | P |    |       |    |    |                                                                                   |  |
|               |                  |                                                                                   |                                                                                   |                                                                                   | P  | P      | P | P |    |       |    |    |                                                                                   |  |
|               |                  |                                                                                   |                                                                                   |                                                                                   | P  | P      | P | P |    |       |    |    |                                                                                   |  |
| 4P + 16S + 3P |                  |                                                                                   |                                                                                   |                                                                                   |    |        |   |   |    |       |    |    |                                                                                   |  |

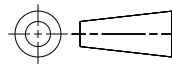


| PART NUMBER  | ROWS             |                                                           | POWER                                                   |                                                         |                                                         | SIGNAL |    | POWER                                                   |                                                         |                                                         |                                                           |
|--------------|------------------|-----------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|--------|----|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|
|              |                  |                                                           | P6                                                      | P5                                                      | P4                                                      | 2      | 1  | P3                                                      | P2                                                      | P1                                                      |                                                           |
| 5-6450540-5  | D<br>C<br>B<br>A | <div><div></div><div></div><div></div><div>HD</div></div> | <div><div></div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div><div></div></div> | AP     | AP | <div><div></div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div><div>HD</div></div> |
|              |                  |                                                           |                                                         |                                                         |                                                         | AP     | AP |                                                         |                                                         |                                                         |                                                           |
|              |                  |                                                           |                                                         |                                                         |                                                         | AP     | AP |                                                         |                                                         |                                                         |                                                           |
|              |                  |                                                           |                                                         |                                                         |                                                         | AP     | AP |                                                         |                                                         |                                                         |                                                           |
| 3P + 8S + 3P |                  |                                                           |                                                         |                                                         |                                                         |        |    |                                                         |                                                         |                                                         |                                                           |



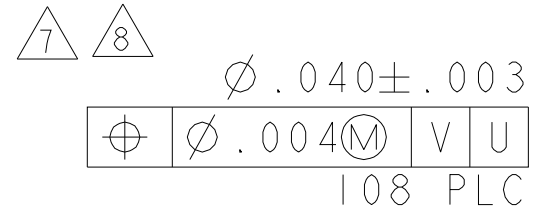
| PART NUMBER   | ROWS             |                                                                                       | POWER                                                                                 |                                                                                       | SIGNAL |    |    |    |    | POWER |    |                                                                                       |                                                                                       |                                                                                       |
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|               |                  |                                                                                       | P4                                                                                    | P3                                                                                    | 6      | 5  | 4  | 3  | 2  | 1     | P2 |                                                                                       | P1                                                                                    |                                                                                       |
| 5-6450540-9   | D<br>C<br>B<br>A |  |  |  | AP     | AP | AP | AP | AP | AP    | AP |  |  |  |
|               |                  |                                                                                       |                                                                                       |                                                                                       | AP     | AP | AP | AP | AP | AP    | AP |                                                                                       |                                                                                       |                                                                                       |
|               |                  |                                                                                       |                                                                                       |                                                                                       | AP     | AP | AP | AP | AP | AP    | AP |                                                                                       |                                                                                       |                                                                                       |
|               |                  |                                                                                       |                                                                                       |                                                                                       | AP     | AP | AP | AP | AP | AP    | AP |                                                                                       |                                                                                       |                                                                                       |
| 2P + 24S + 2P |                  |                                                                                       |  |                                                                                       |        |    |    |    |    |       |    |                                                                                       |                                                                                       |                                                                                       |

| LOC | DIST | REVISIONS |     |             |      |     |      |
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| ES  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
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| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN R.GRZYBOWSKI 29APR05               |  TE Connectivity |  |
| DIMENSIONS: INCHES                                                                    |  | CHK M.PERCHERKE 29APR05                |                                                                                                       |  |
|  |  | APVD M.PERCHERKE                       | NAME                                                                                                  |  |
|                                                                                       |  | PRODUCT SPEC                           | VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL                                                |  |
| MATERIAL                                                                              |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: | SIZE                                                                                                  |  |
|                                                                                       |  | 0 PLC ±.01                             | CAGE CODE                                                                                             |  |
|                                                                                       |  | 1 PLC ±.01                             | DRAWING NO                                                                                            |  |
|                                                                                       |  | 2 PLC ±.01                             | RESTRICTED TO                                                                                         |  |
|                                                                                       |  | 3 PLC ±.005                            | APPLICATION SPEC                                                                                      |  |
|                                                                                       |  | 4 PLC ±.002                            | 114-13038                                                                                             |  |
|                                                                                       |  | ANGLES ±.020                           | WEIGHT                                                                                                |  |
|                                                                                       |  | FINISH                                 | A100779C=6450540                                                                                      |  |
|                                                                                       |  |                                        | CUSTOMER DRAWING                                                                                      |  |
|                                                                                       |  |                                        | SCALE 2:1                                                                                             |  |
|                                                                                       |  |                                        | SHEET 14 OF 19                                                                                        |  |
|                                                                                       |  |                                        | REV K9                                                                                                |  |

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4805 (3/11)

-NO SIGNAL CONTACTS4805 (3/11)

Technical drawing of a mechanical part, likely a bracket or plate, showing dimensions and tolerances. The drawing includes a top view and a side view.

**Top View Dimensions:**

- Overall width: 1.680 MIN
- Distance from left edge to first hole center: 1.350
- Distance between hole centers: 1.000
- Distance from last hole center to right edge: .575
- Distance from right edge to center of rightmost hole: .250
- Distance from left edge to center of leftmost hole: .100
- Distance between hole centers (bottom row): .100
- Distance from left edge to center of leftmost hole (bottom row): .100
- Distance from center of leftmost hole to center of rightmost hole (bottom row): .100
- Distance from center of rightmost hole to right edge (bottom row): .100

**Side View Dimensions:**

- Overall height: .610 MIN
- Distance from top edge to center of hole: .076
- Distance from center of hole to bottom edge: .100

**Feature Callouts and Tolerances:**

- Feature 5: Points to the leftmost hole.
- Feature 6: Points to the rightmost hole.
- Feature 7: Points to the top surface.
- Feature 8: Points to the bottom surface.
- Feature 9: Points to the right edge.
- Feature 10: Points to the bottom edge.
- Feature 11: Points to the bottom edge.
- Feature 12: Points to the bottom edge.
- Feature 13: Points to the bottom edge.
- Feature 14: Points to the bottom edge.
- Feature 15: Points to the bottom edge.
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- Feature 99: Points to the bottom edge.
- Feature 100: Points to the bottom edge.

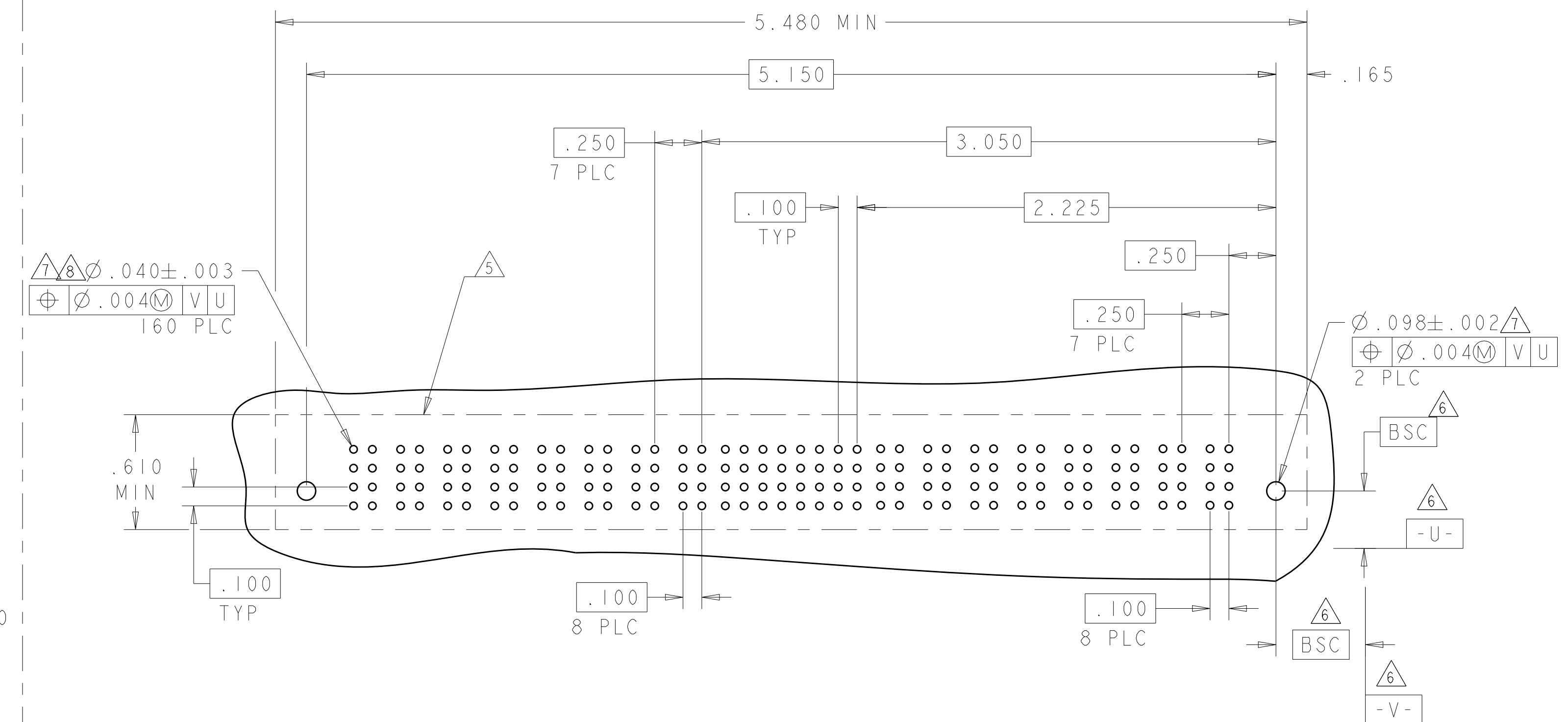
**Material and Surface Finish:**

- Material: 2 PLC
- Surface Finish:  $\sqrt{0.098 \pm .002}$
- Surface Finish:  $\sqrt{0.004}$
- Surface Finish: V
- Surface Finish: U

**Assembly Notes:**

- BSC (Bottom Surface Center)
- U- (Unfinished)
- V- (Vertical)

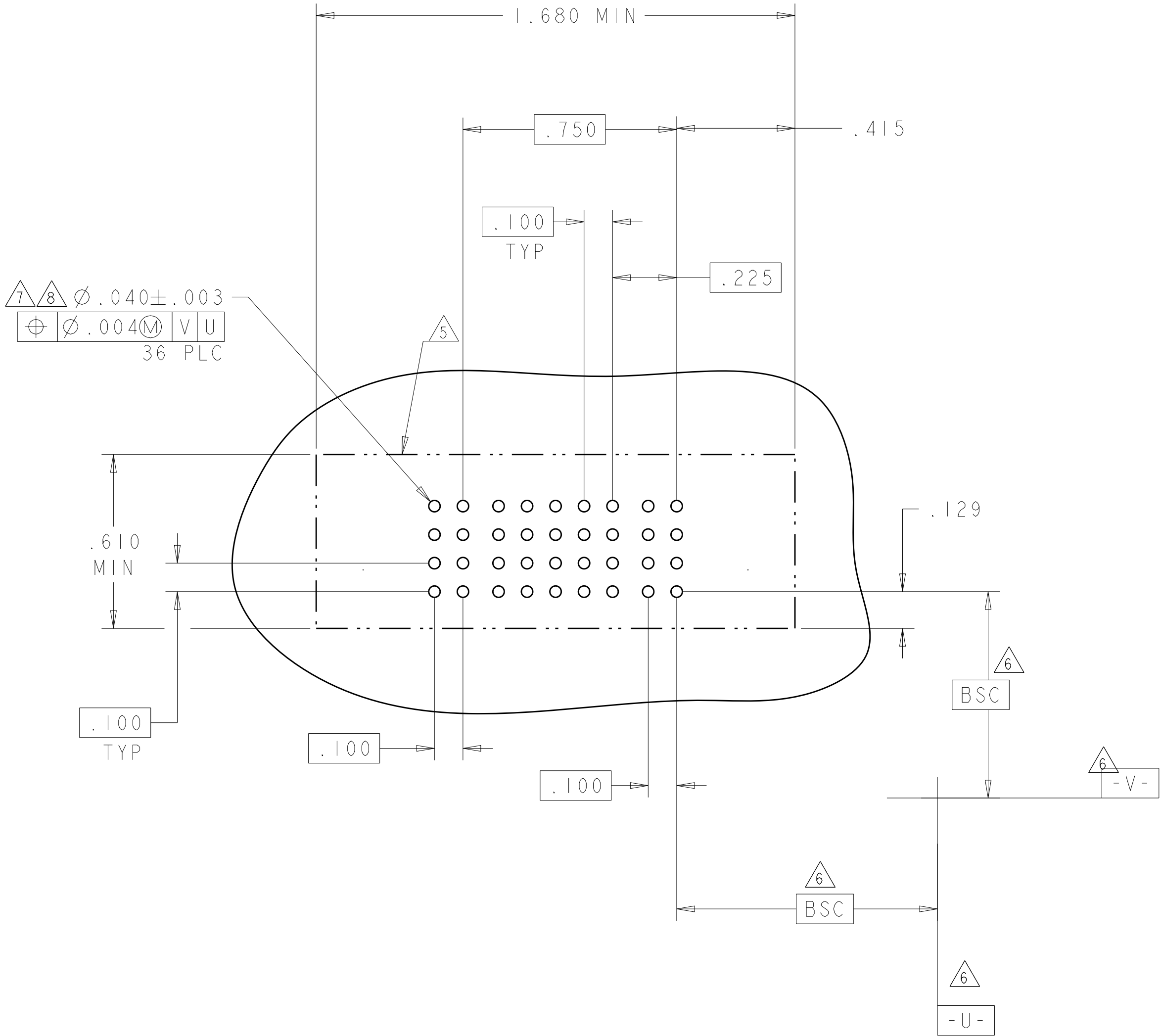
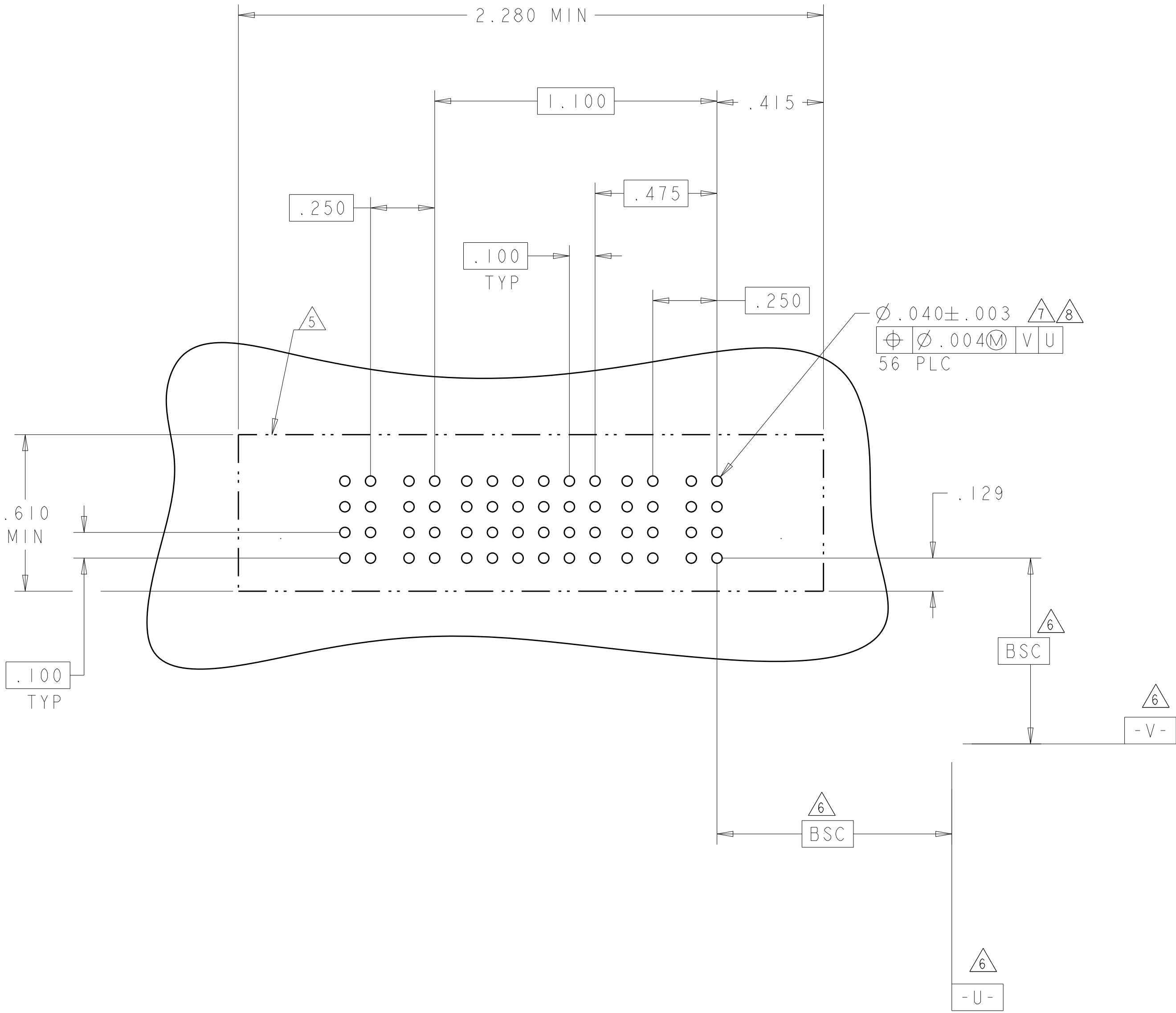
4805 (3/11)

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| 1-6450540-0   | D<br>C<br>B<br>A |  | GP    | GP | AP          | AP | AP | AP | AP | AP | GP    | GP |  |
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| 6-6450540-6   | D<br>C<br>B<br>A |  | GS    | AP          | AP | AP | AP | AP | AP | GS    |  |  |
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| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN R.GRZYBOWSKI 29APR05               |  |  TE Connectivity |  |
|                                                                                       |  | CHK M.PERCHERKE 29APR05                |  |                                                                                                       |  |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | NAME                                                                                                  |  |
| INCHES                                                                                |  | 0 PLC ±.01                             |  | VERTICAL RECEPTACLE ASSEMBLY                                                                          |  |
|  |  | 1 PLC ±.01                             |  | WITH GUIDES                                                                                           |  |
|                                                                                       |  | 2 PLC ±.01                             |  | MULTI-BEAM XL                                                                                         |  |
|                                                                                       |  | 3 PLC ±.005                            |  |                                                                                                       |  |
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| FINISH                                                                                |  | PRODUCT SPEC 108-1973                  |  | SIZE                                                                                                  |  |
|                                                                                       |  | APPLICATION SPEC 114-13038             |  | CASE CODE                                                                                             |  |
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