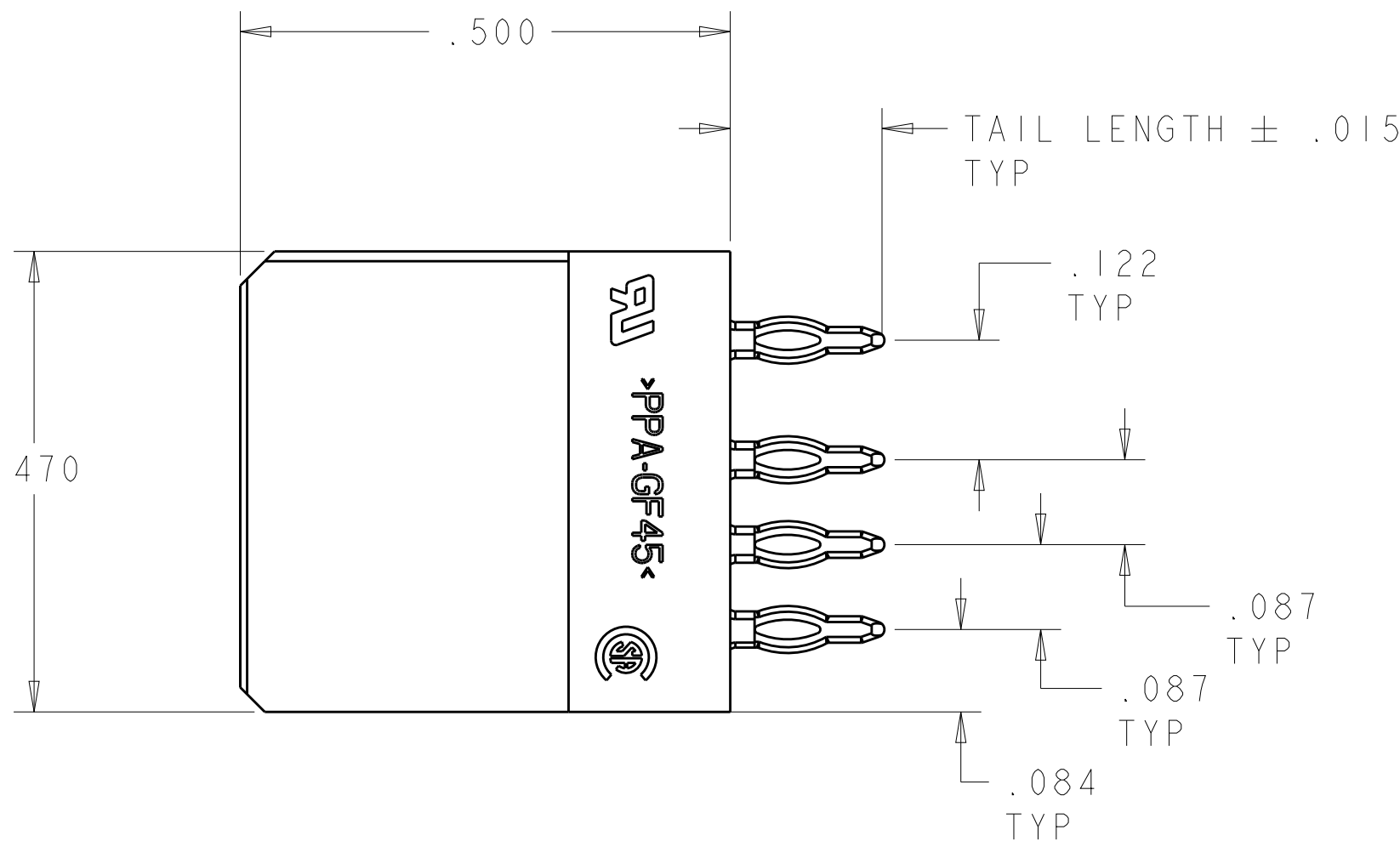
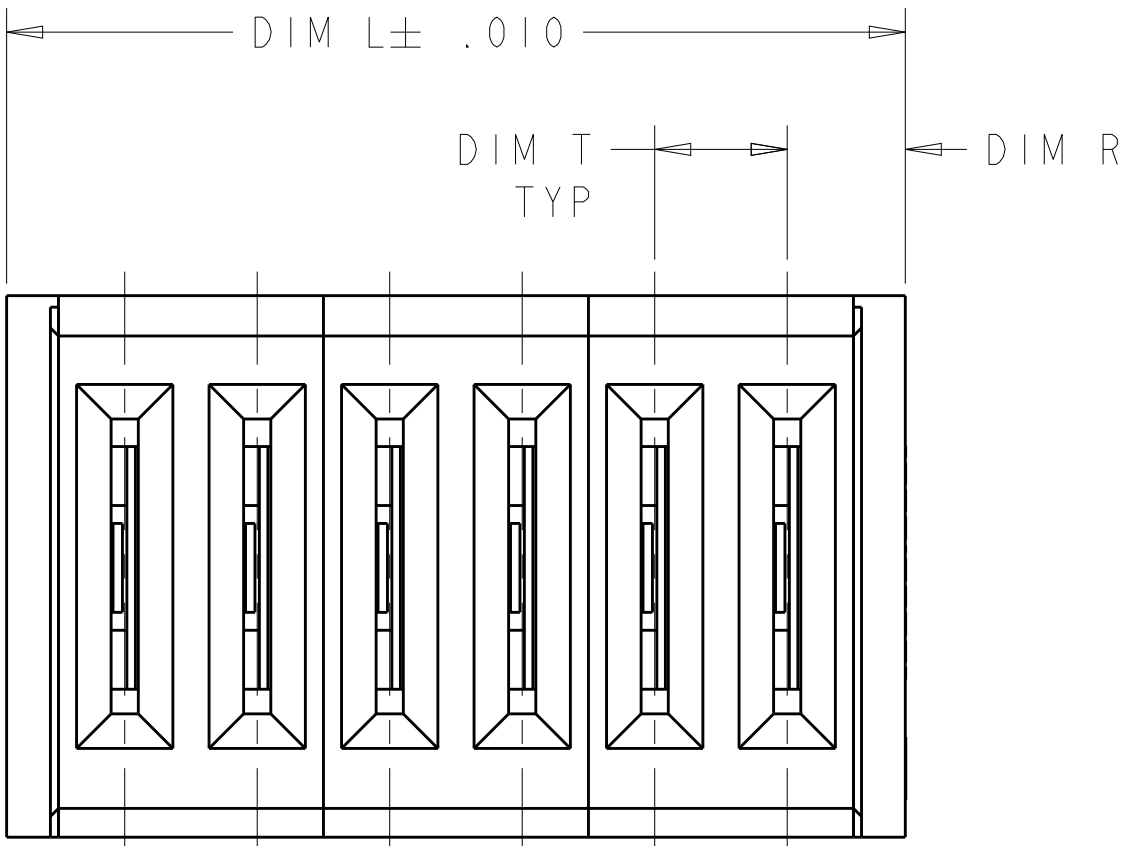
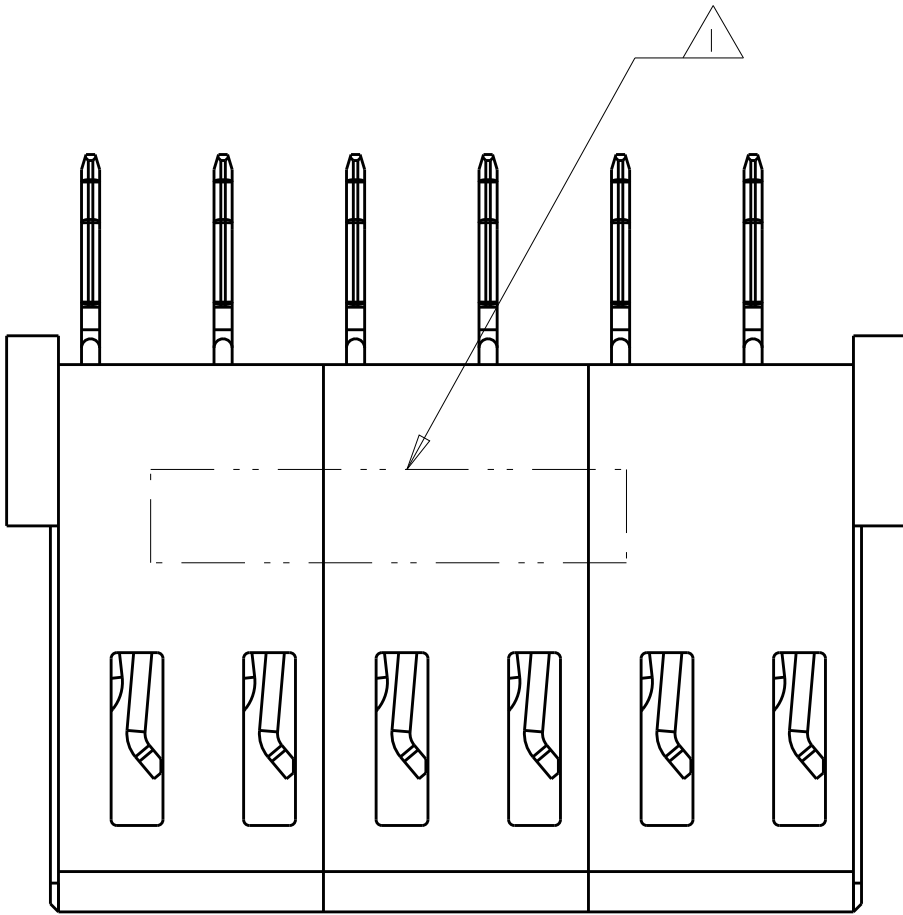
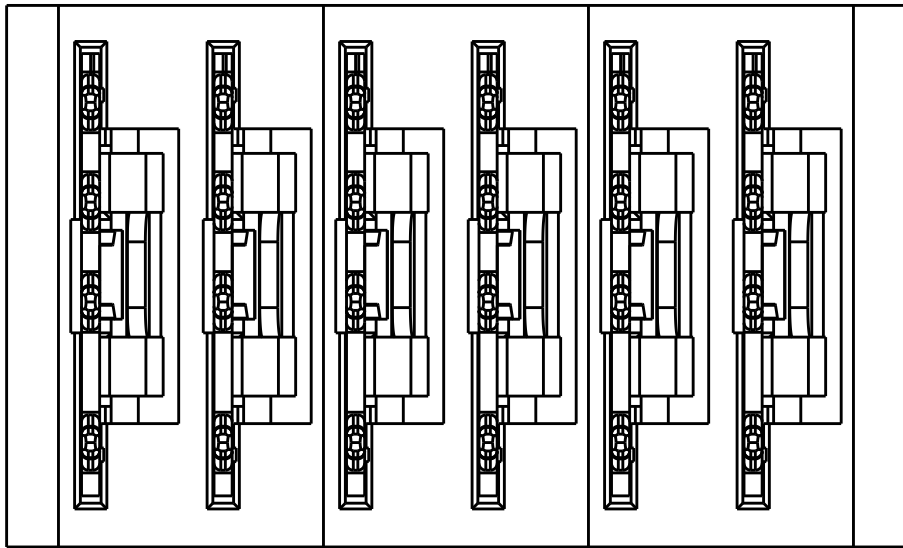


| LOC | DIST | REVISIONS |     |                           |           |     |      |  |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|--|
|     |      | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |  |
| ES  | 00   |           | D7  | ADDED NEW DASH NUMBER     | 20MAY2013 | CZ  | SZ   |  |
|     |      |           | E   | ADDED NEW DASH NUMBER 2-2 | 27FEB2015 | CZ  | SZ   |  |
|     |      |           | E1  | ADD NEW DASH NUMBER 2-3   | 20MAR2015 | CZ  | SZ   |  |
|     |      |           | E2  | REV PER ECO-17-002972     | 24FEB2017 | WY  | SZ   |  |



LP CONFIGURATION TAIL DIMENSIONS

- 1 "AMP" PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN. PARTS 2.00 OR LESS MAYBE MARKED ON BOTH SIDES.
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0  
POWER CONTACT - HIGH CONDUCTIVITY COPER ALLOY
- 3 CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS.
- 4 MECHANICAL CONNECTOR KEEP OUT ZONE
- 5 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- 6 PCB - ALL HOLE DIMENSIONS ARE FINISHED HOLE SIZES
- 7 PCB - .0453±.0010 DRILLED HOLES. PLATED WITH .0003 MIN Sn OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 DIA. HOLE
- 8 FOR PART NUMBER 6450869-4,6450869-5,6450869-6,6450869-7 PLEASE REFER TO SHEET 2.
- 9 VARIABLE DIMENSIONS PLEASE REFER TO TABLE.
- 10 PLEASE REFER TO PARTS VIEW FOR DETAIL DIMENTIONS.

|       |       |       |      |       |                                     |             |
|-------|-------|-------|------|-------|-------------------------------------|-------------|
| -     | -     | .1025 | .115 | .435  | 3LP                                 | 2-6450869-3 |
| -     | -     | .1025 | .115 | .320  | 2LP                                 | 2-6450869-2 |
| -     | -     | -     | -    | .540  | 2P                                  | 1-6450869-7 |
| -     | -     | -     | -    | 2.820 | 2HDP + 3LP + 40S +4LP + 2HDP        | 1-6450869-6 |
| -     | -     | -     | -    | 1.370 | 1LP + 40S + 1LP                     | 1-6450869-5 |
| -     | -     | -     | -    | 2.820 | 2ACP+ 1LP + 32S + 3HDP + 1LP + 1HDP | 1-6450869-4 |
| -     | -     | -     | -    | .400  | 2P                                  | 1-6450869-3 |
| -     | -     | -     | -    | -     | 8P                                  | 6450869-8   |
| -     | -     | .170  | .200 | 2.715 | 12P                                 | 6450869-7   |
| 4.070 | .120  | 1.295 | .200 | 5.090 | 44S + 14P + 40S                     | 6450869-6   |
| -     | 1.595 | .345  | -    | 2.015 | 4P + 16S                            | 6450869-5   |
| -     | .120  | .795  | .200 | 1.340 | 24S + 2P                            | 6450869-4   |
| -     | -     | -     | -    | -     | 4S + 17HDP + 8S                     | 6450869-3   |
| -     | -     | -     | -    | -     | 8S + 27P + 8S                       | 6450869-2   |
| -     | -     | .1025 | .115 | .780  | 6 LP                                | 6450869-1   |
| S     | W     | R     | T    | L     | DESCRIPTION                         | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
H.LIU  
CHK  
S.ZHAO  
APVD  
S.YAO

30APR2008  
30APR2008  
-

DIMENSIONS:  
INCHES

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

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC  
108-2292  
APPLICATION SPEC  
114-13038

WEIGHT  
-

CUSTOMER DRAWING

NAME  
S.YAO

PRODUCT SPEC  
108-2292  
APPLICATION SPEC  
114-13038

WEIGHT  
-

CUSTOMER DRAWING

TE Connectivity

VERTICAL RECEPTACLE ASSEMBLY  
NO GUIDES  
MULTI-BEAM XLE

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
6450869

RESTRICTED TO  
-

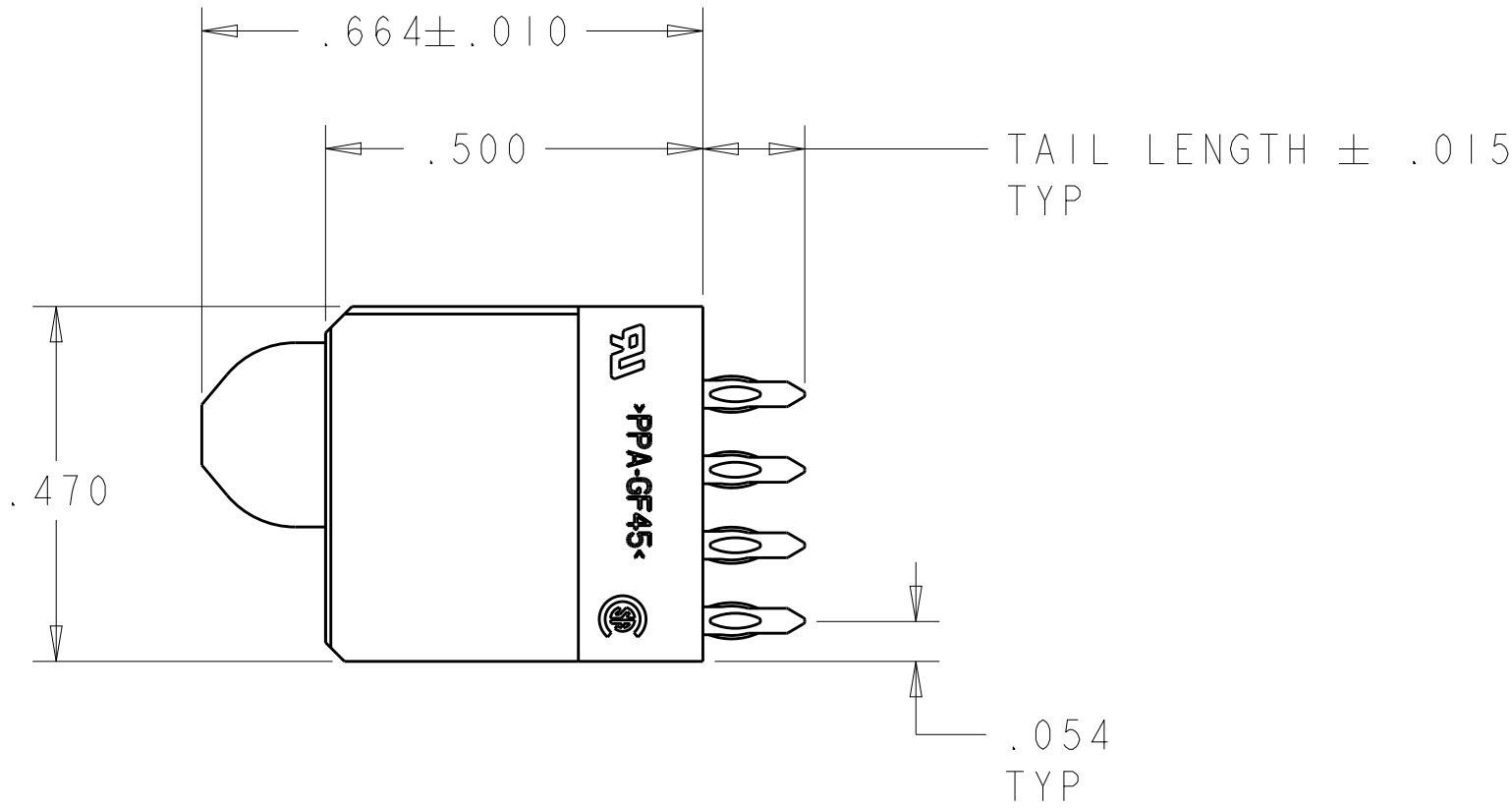
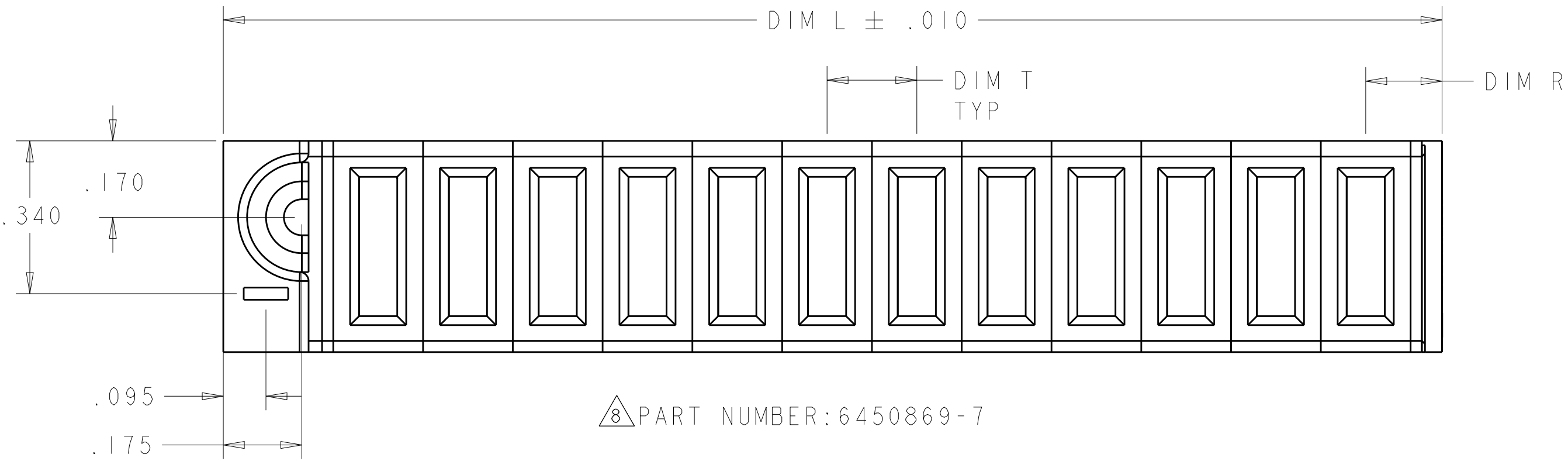
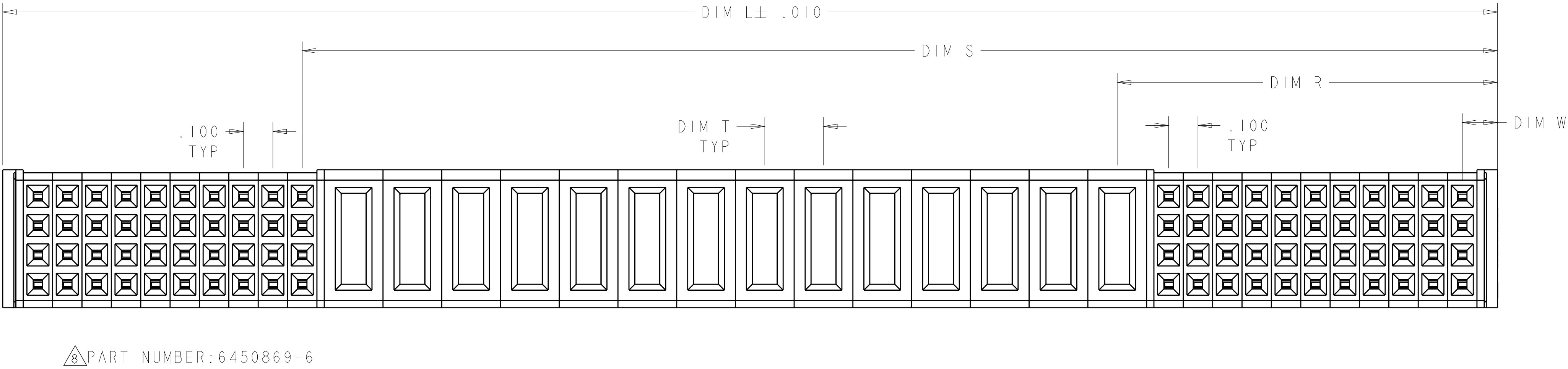
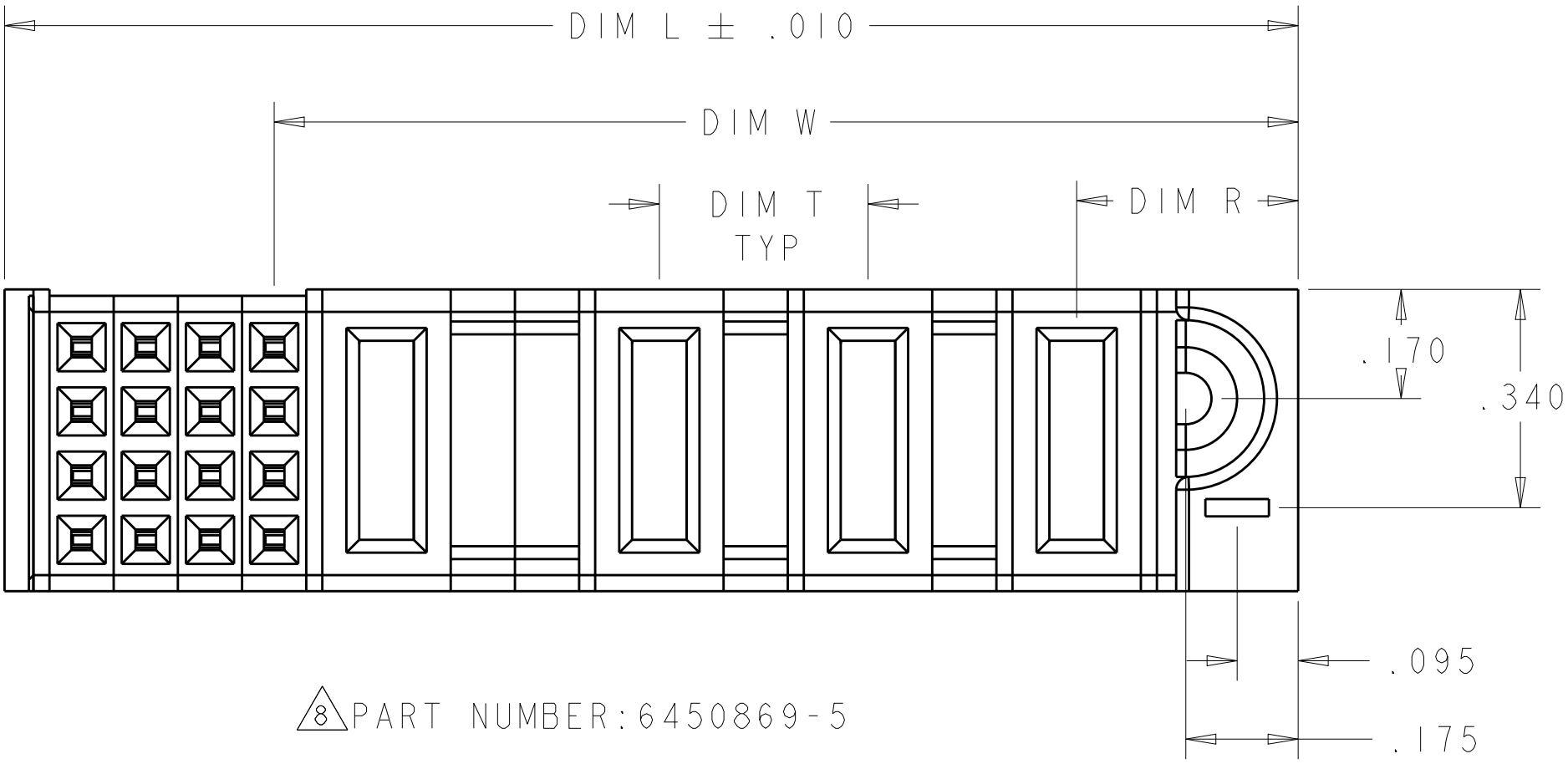
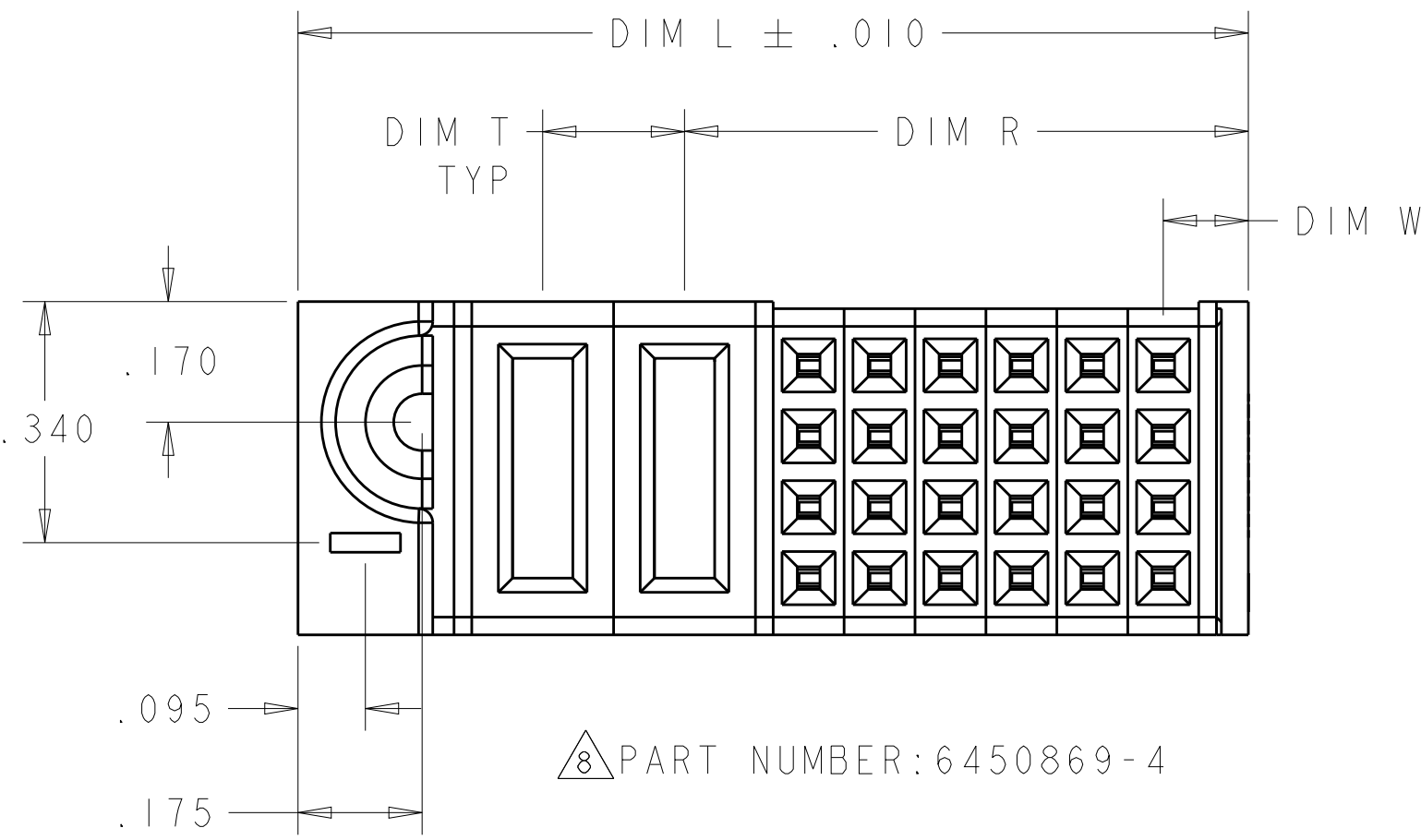
SCALE  
4:1

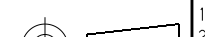
SHEET  
1

OF  
10

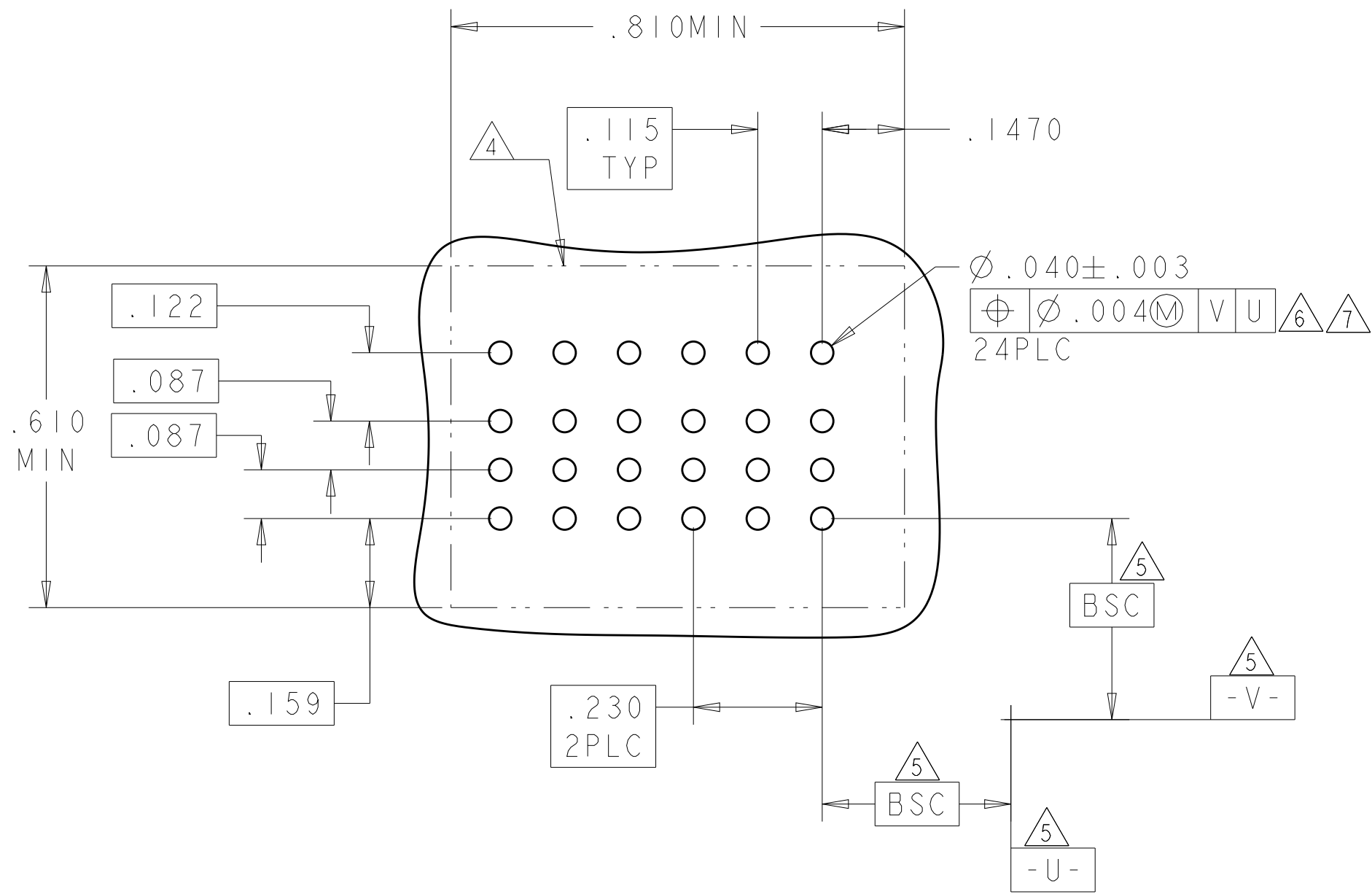
REV  
E2

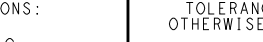
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|-----|----|------|-----|-------------|------|-----|------|--|
| ES  | 00 | P    | LTR | DESCRIPTION | DATE | DWN | APVD |  |
|     |    | -    |     | SEE SHEET 1 | -    | -   | -    |  |
|     |    |      |     |             |      |     |      |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



|                                                                                       |  |                                        |                                                                                                       |                          |                                                                         |
|---------------------------------------------------------------------------------------|--|----------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>H.LIU<br>30APR2008              |  TE Connectivity |                          |                                                                         |
|                                                                                       |  | CHK<br>S.ZHAO<br>30APR2008             |                                                                                                       |                          |                                                                         |
| DIMENSIONS:<br><br>INCHES                                                             |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |                                                                                                       | APVD<br>S.YAO            | NAME<br><br>VERTICAL RECEPTACLE ASSEMBLY<br>NO GUIDES<br>MULTI-BEAM XLE |
|  |  | 0 PLC ±.01                             |                                                                                                       | PRODUCT SPEC<br>108-2292 |                                                                         |
|                                                                                       |  | 1 PLC ±.01                             |                                                                                                       | APPLICATION SPEC         |                                                                         |
|                                                                                       |  | 2 PLC ±.005                            |                                                                                                       | 114-13038                |                                                                         |
|                                                                                       |  | 4 PLC ±.0020                           |                                                                                                       | WEIGHT -                 |                                                                         |
| ANGLES<br>FINISH                                                                      |  | -                                      |                                                                                                       | CUSTOMER DRAWING         | SIZE<br>A                                                               |
| MATERIAL<br>-                                                                         |  | -                                      |                                                                                                       | SCALE<br>4:1             | CAGE CODE<br>100779                                                     |
|                                                                                       |  |                                        |                                                                                                       | DRAWING NO<br>C=6450869  | RESTRICTED TO<br>-                                                      |
|                                                                                       |  |                                        |                                                                                                       | SHEET<br>2               | OF<br>10                                                                |
|                                                                                       |  |                                        |                                                                                                       | REV<br>E2                |                                                                         |

| PART NUMBER | ROWS |  | POWER |    | SIGNAL |    |    |    |    |    |
|-------------|------|--|-------|----|--------|----|----|----|----|----|
|             |      |  | P2    | P1 | 6      | 5  | 4  | 3  | 2  | 1  |
| 6450869-4   | D    |  | GP    | GS | AP     | AP | AP | AP | AP | AP |
|             | C    |  |       |    | AP     | AP | AP | AP | AP | AP |
|             | B    |  |       |    | AP     | AP | AP | AP | AP | AP |
|             | A    |  |       |    | AP     | AP | AP | AP | AP | AP |
| 24S + 2P    |      |  |       |    |        |    |    |    |    |    |

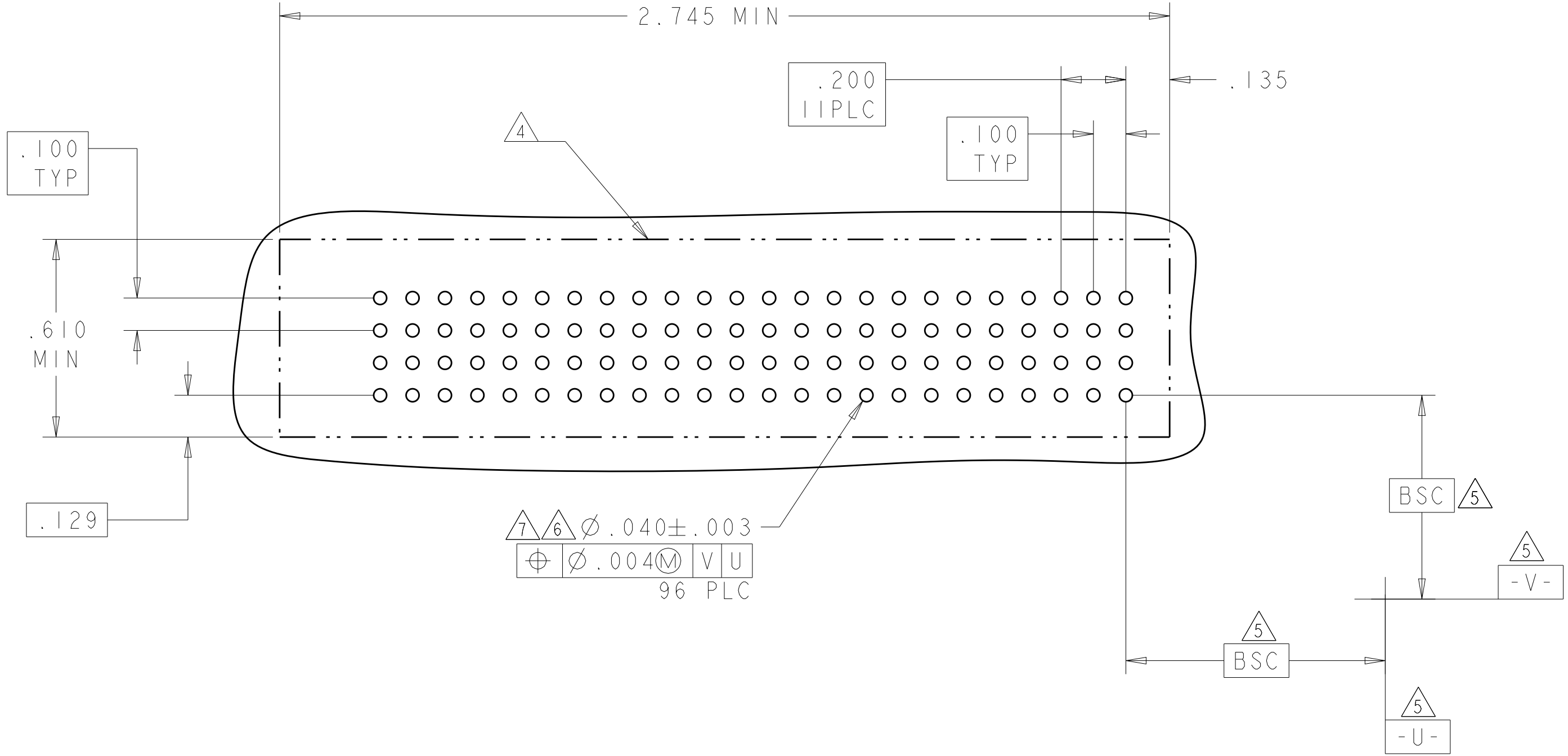
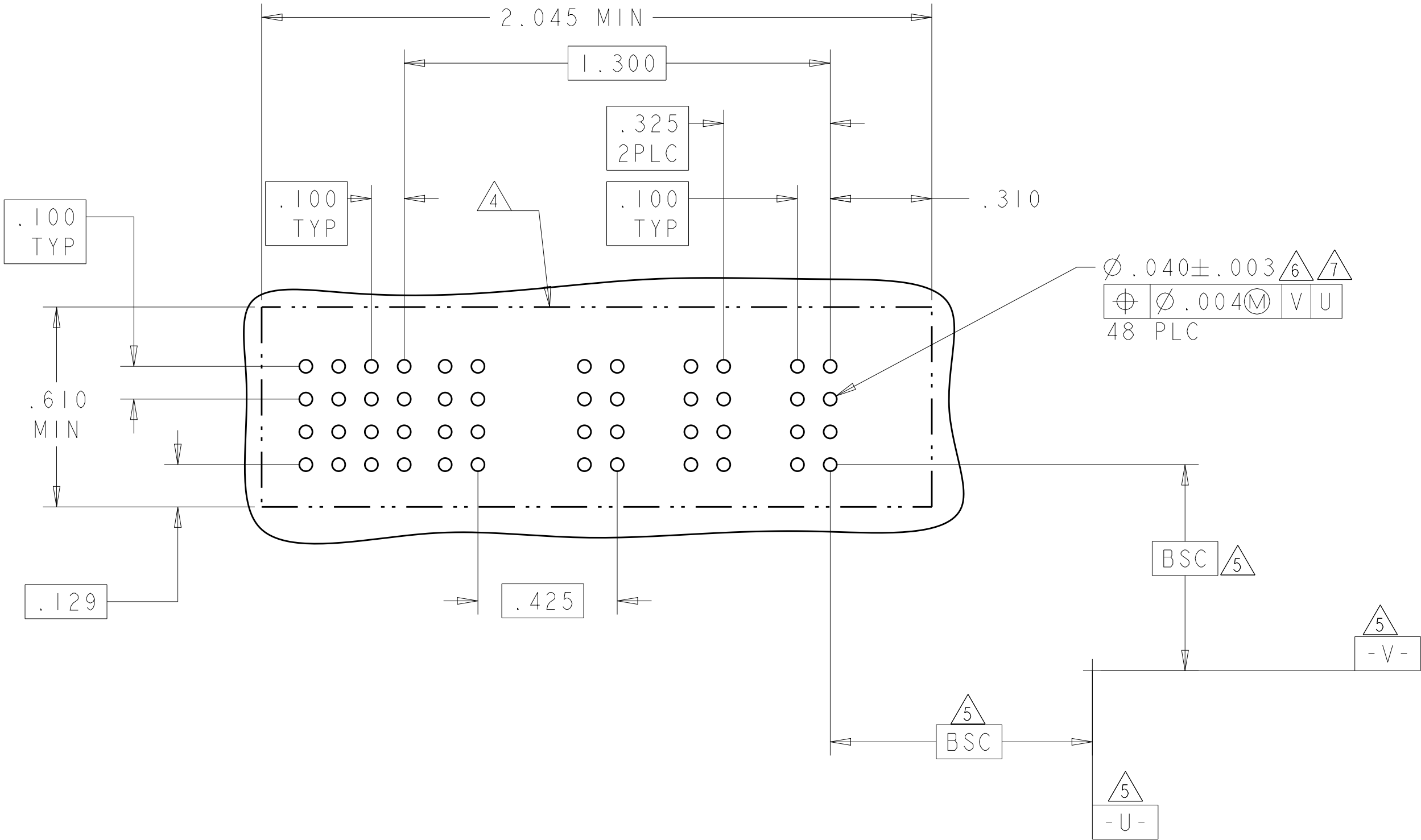


|                                                                                       |        |                               |           |                                                                                                       |                                                             |
|---------------------------------------------------------------------------------------|--------|-------------------------------|-----------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |        | DWN<br>H.LIU                  | 30APR2008 |  TE Connectivity |                                                             |
| DIMENSIONS:<br>INCHES                                                                 |        | CHK<br>S.ZHAO                 | 30APR2008 |                                                                                                       |                                                             |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                |        | APVD<br>S.YAO                 | -         | NAME                                                                                                  | VERTICAL RECEPTACLE ASSEMBLY<br>NO GUIDES<br>MULTI-BEAM XLE |
|  |        | PRODUCT SPEC<br>108-2292      |           | SIZE                                                                                                  | CASE CODE                                                   |
|                                                                                       |        | APPLICATION SPEC<br>114-13038 |           |                                                                                                       |                                                             |
| MATERIAL                                                                              | FINISH | WEIGHT                        | -         | A1                                                                                                    | 100779                                                      |
| CUSTOMER DRAWING                                                                      |        | SCALE                         | 4:1       | SHEET                                                                                                 | 3 OF 10                                                     |
|                                                                                       |        |                               |           | REV                                                                                                   | E2                                                          |

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

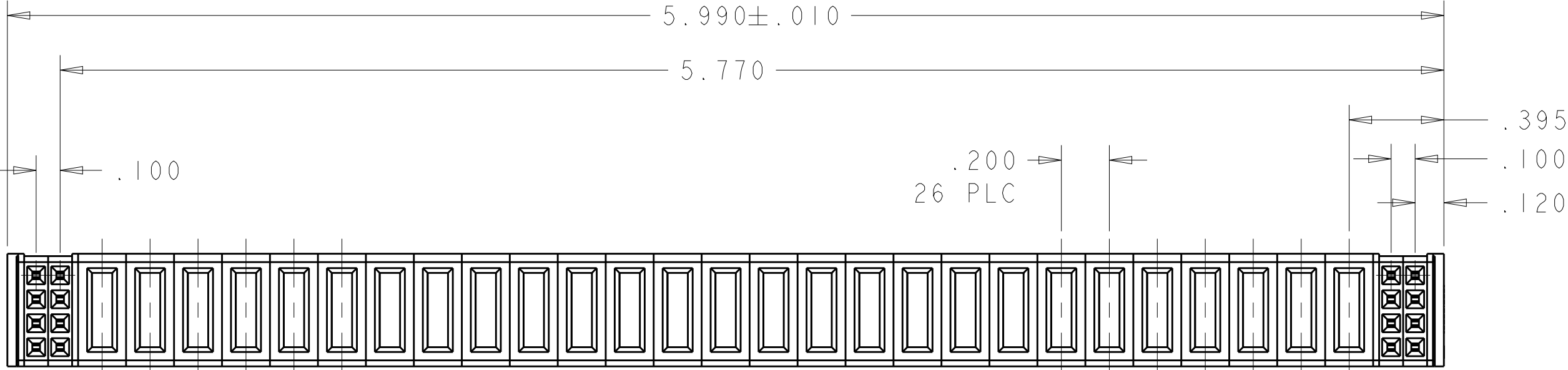
| PART NUMBER | ROWS | SIGNAL |    |    |    | POWER |    |    |    |                                                                                   |
|-------------|------|--------|----|----|----|-------|----|----|----|-----------------------------------------------------------------------------------|
|             |      | 4      | 3  | 2  | 1  | P4    | P3 | P2 | P1 |                                                                                   |
| 6450869-5   | D    | AP     | AP | AP | AP | GP    | GS | GS | GS |  |
|             | C    | AP     | AP | AP | AP |       |    |    |    |                                                                                   |
|             | B    | AP     | AP | AP | AP |       |    |    |    |                                                                                   |
|             | A    | AP     | AP | AP | AP |       |    |    |    |                                                                                   |
| 4P + 16S    |      |        |    |    |    |       |    |    |    |                                                                                   |

| PART NUMBER |  | POWER |     |     |    |    |    |    |    |    |    |    |    |
|-------------|--|-------|-----|-----|----|----|----|----|----|----|----|----|----|
|             |  | P12   | P11 | P10 | P9 | P8 | P7 | P6 | P5 | P4 | P3 | P2 | P1 |
| 6450869-7   |  | GS    | GS  | GP  | GS | GS | GS | GS | GS | GP | GS | GS | GS |
| 12P         |  |       |     |     |    |    |    |    |    |    |    |    |    |



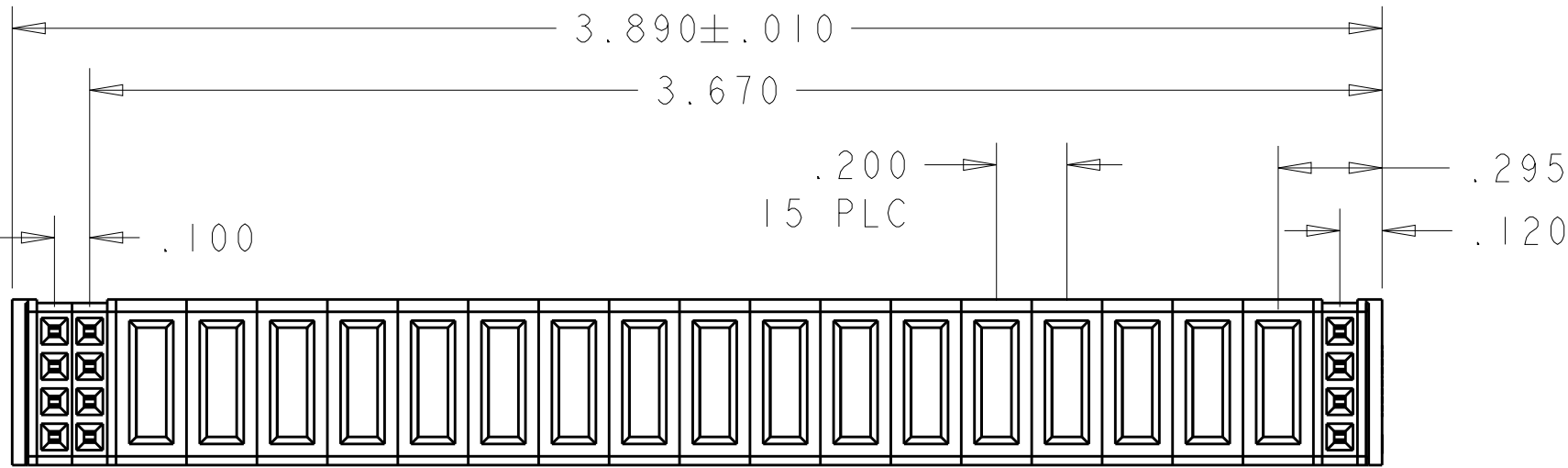
[illegible]4805 (3/11)

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



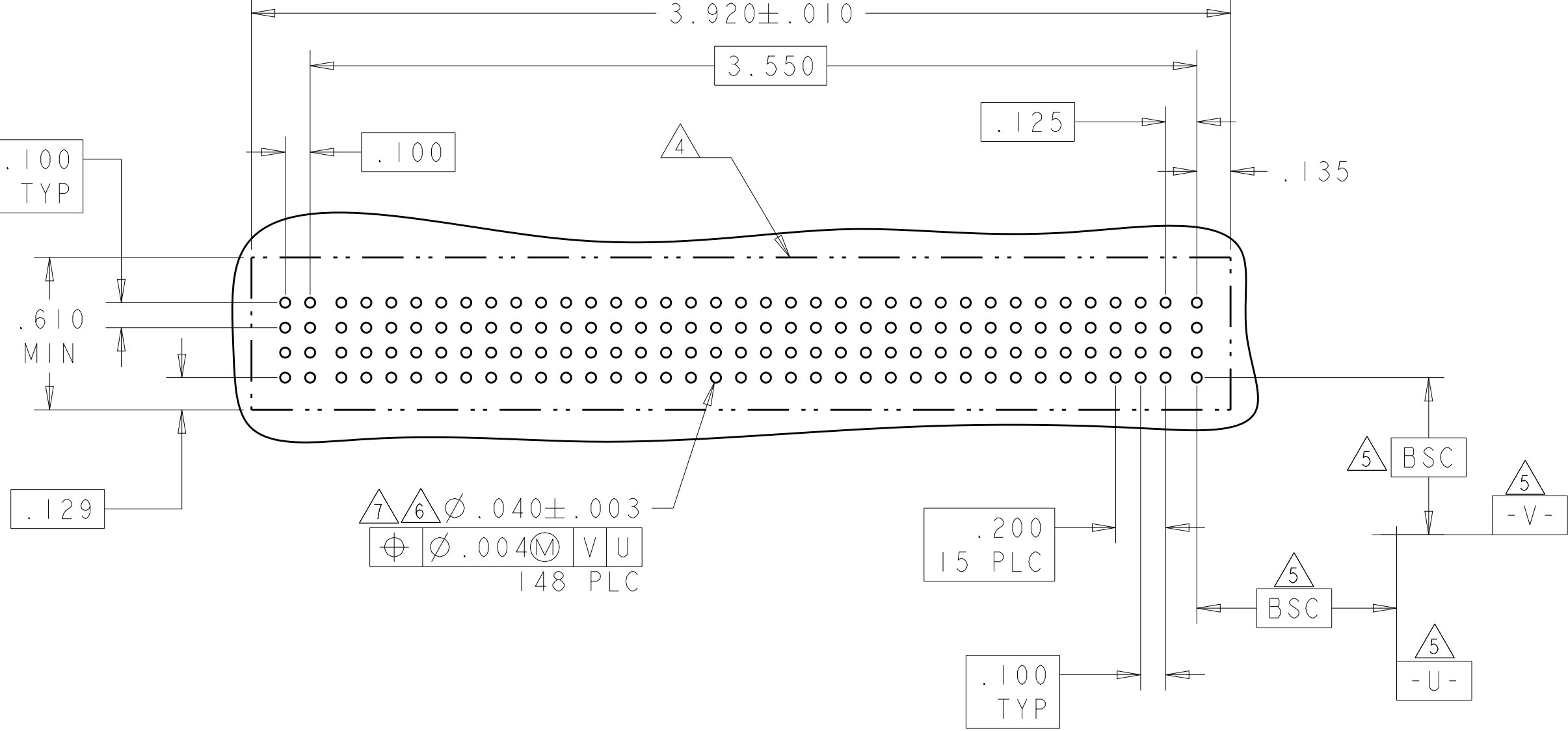
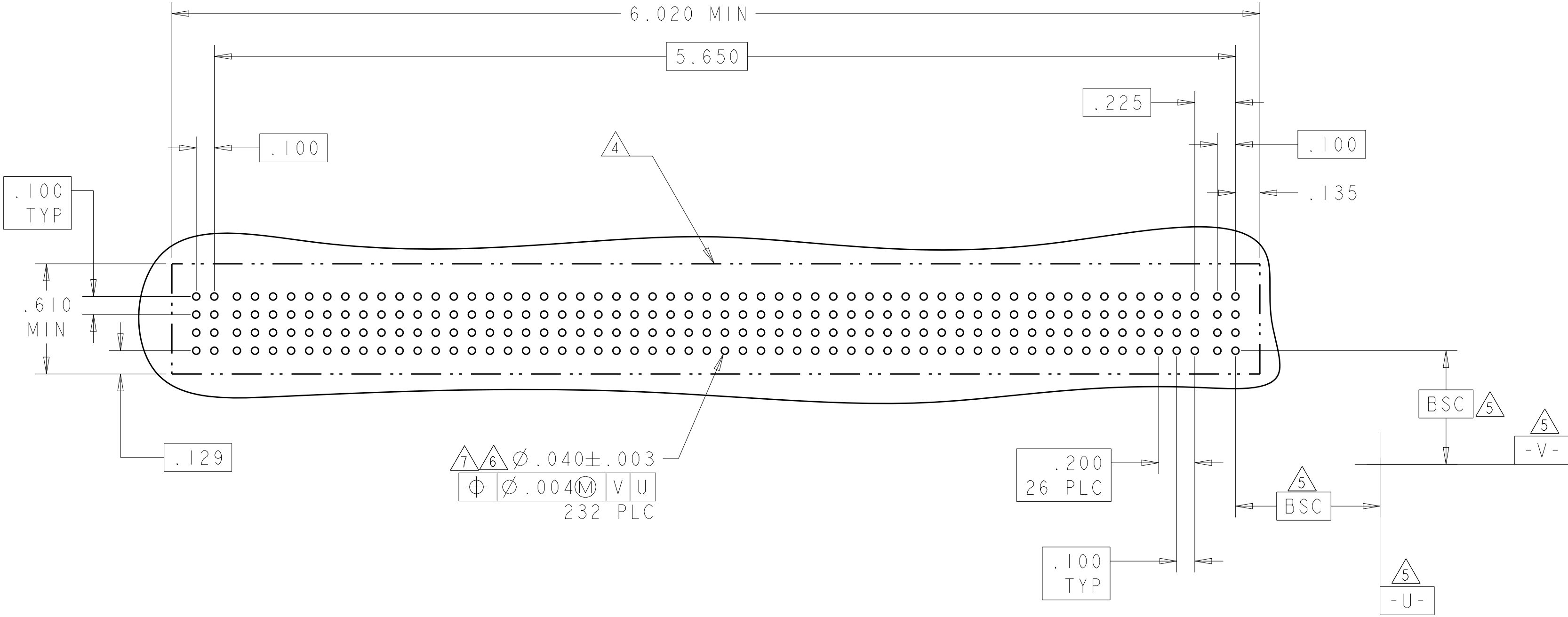
PART NUMBER: 6450869-2

| PART NUMBER   | ROWS | SIGNAL |   | POWER |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    | SIGNAL |   |   |   |
|---------------|------|--------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|--------|---|---|---|
|               |      | 4      | 3 | P27   | P26 | P25 | P24 | P23 | P22 | P21 | P20 | P19 | P18 | P17 | P16 | P15 | P14 | P13 | P12 | P11 | P10 | P9 | P8 | P7 | P6 | P5 | P4 | P3 | P2 | P1     | 2 | 1 |   |
| 6450869-2     | D    | P      | P |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |        |   | P | P |
|               | C    | P      | P | VS    | VS  | VS  | VS  | VS  | VS  | VS  | VS  | VS  | VS  | VS  | VS  | VS  | VS  | VS  | VS  | VS  | VS  | VS | VS | VS | VS | VS | VS | VS | VS | VS     | P | P |   |
|               | B    | P      | P |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |        | P | P |   |
|               | A    | P      | P |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |        | P | P |   |
| 8S + 27P + 8S |      |        |   |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |        |   |   |   |

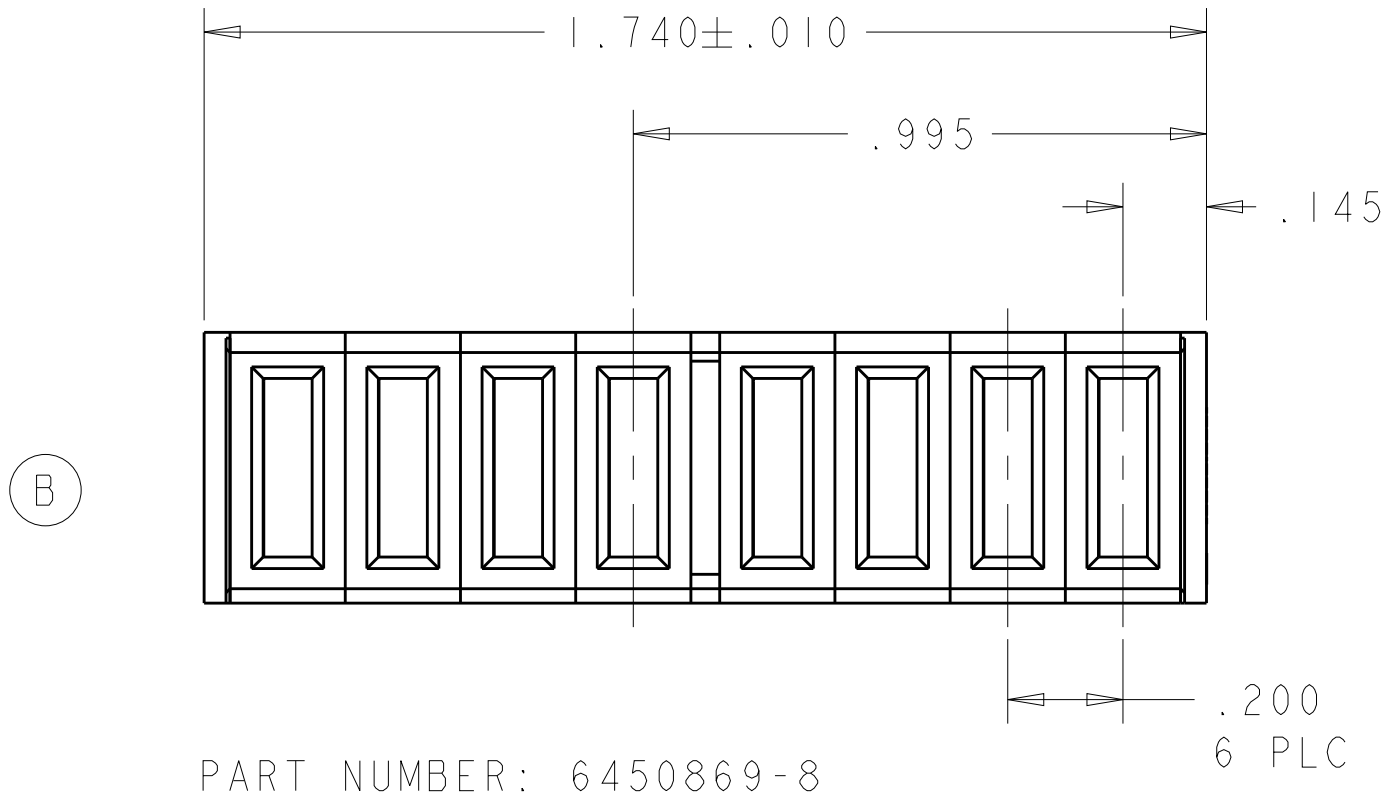


PART NUMBER: 6450869-3

| PART NUMBER     | ROWS | SIGNAL |   | POWER |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |   | S |
|-----------------|------|--------|---|-------|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|---|---|
|                 |      | 3      | 2 | P17   | P16 | P15 | P14 | P13 | P12 | P11 | P10 | P9 | P8 | P7 | P6 | P5 | P4 | P3 | P2 | P1 | I |   |
| 6450869-3       | D    | P      | P | VS    | VS  | VS  | VS  | VS  | VS  | VS  | VS  | VS | VS | VS | VS | VS | VS | VS | VS | VS | P |   |
|                 | C    | P      | P |       |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    | P |   |
|                 | B    | P      | P |       |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    | P |   |
|                 | A    | P      | P |       |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    | P |   |
| 4S + 17HDP + 8S |      |        |   |       |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |   |   |

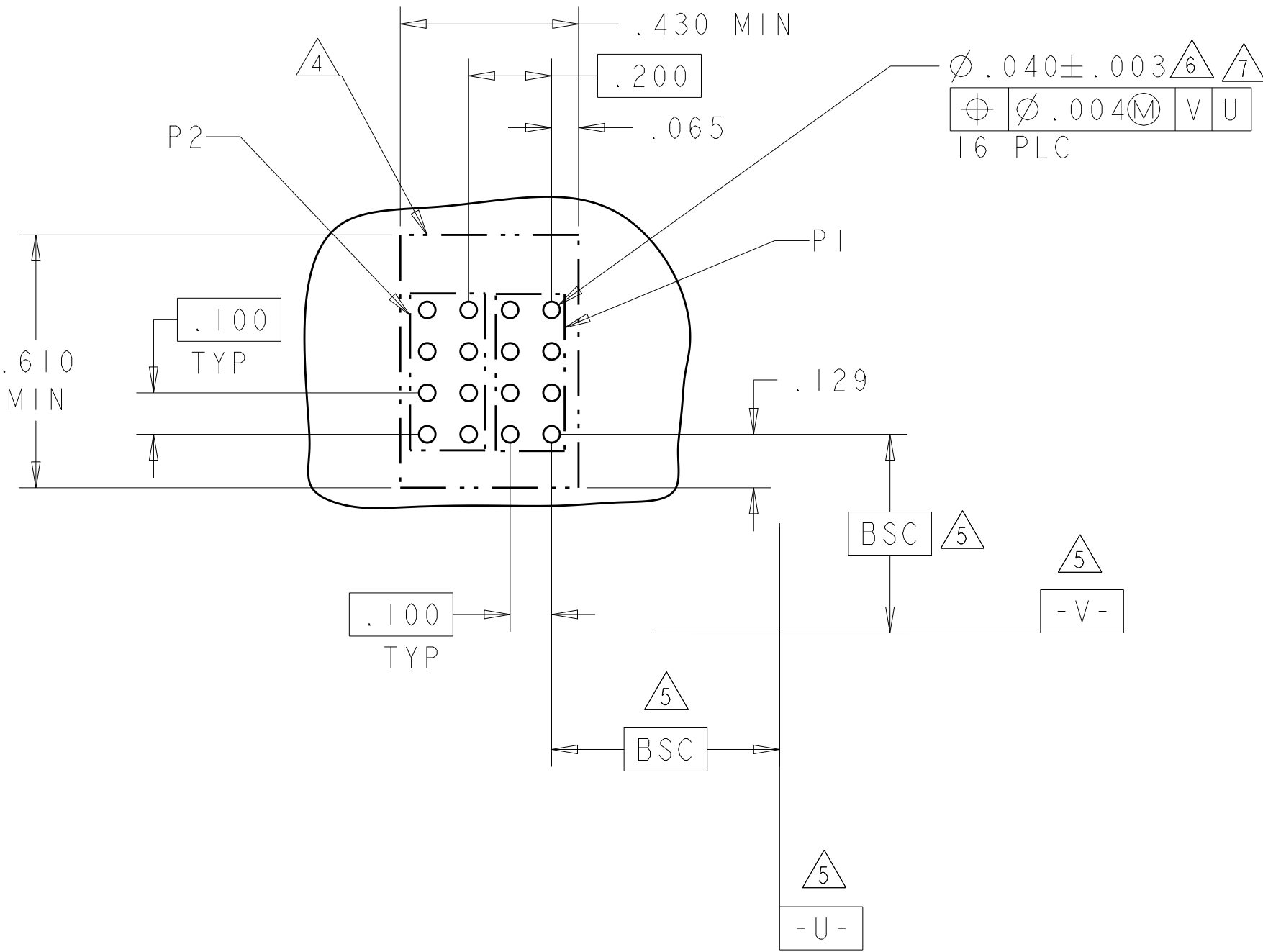
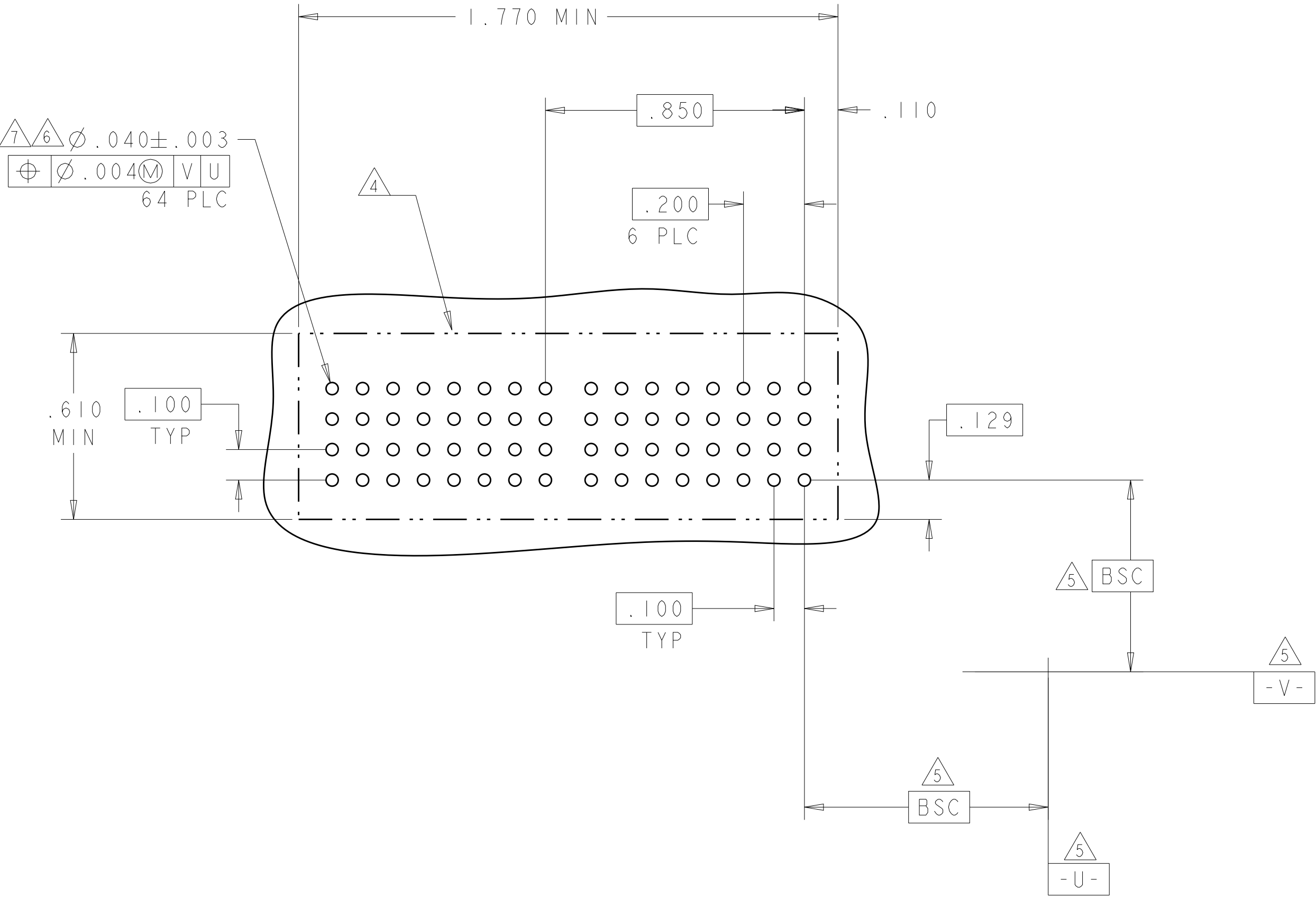


| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| ES  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      |           | -   | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |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

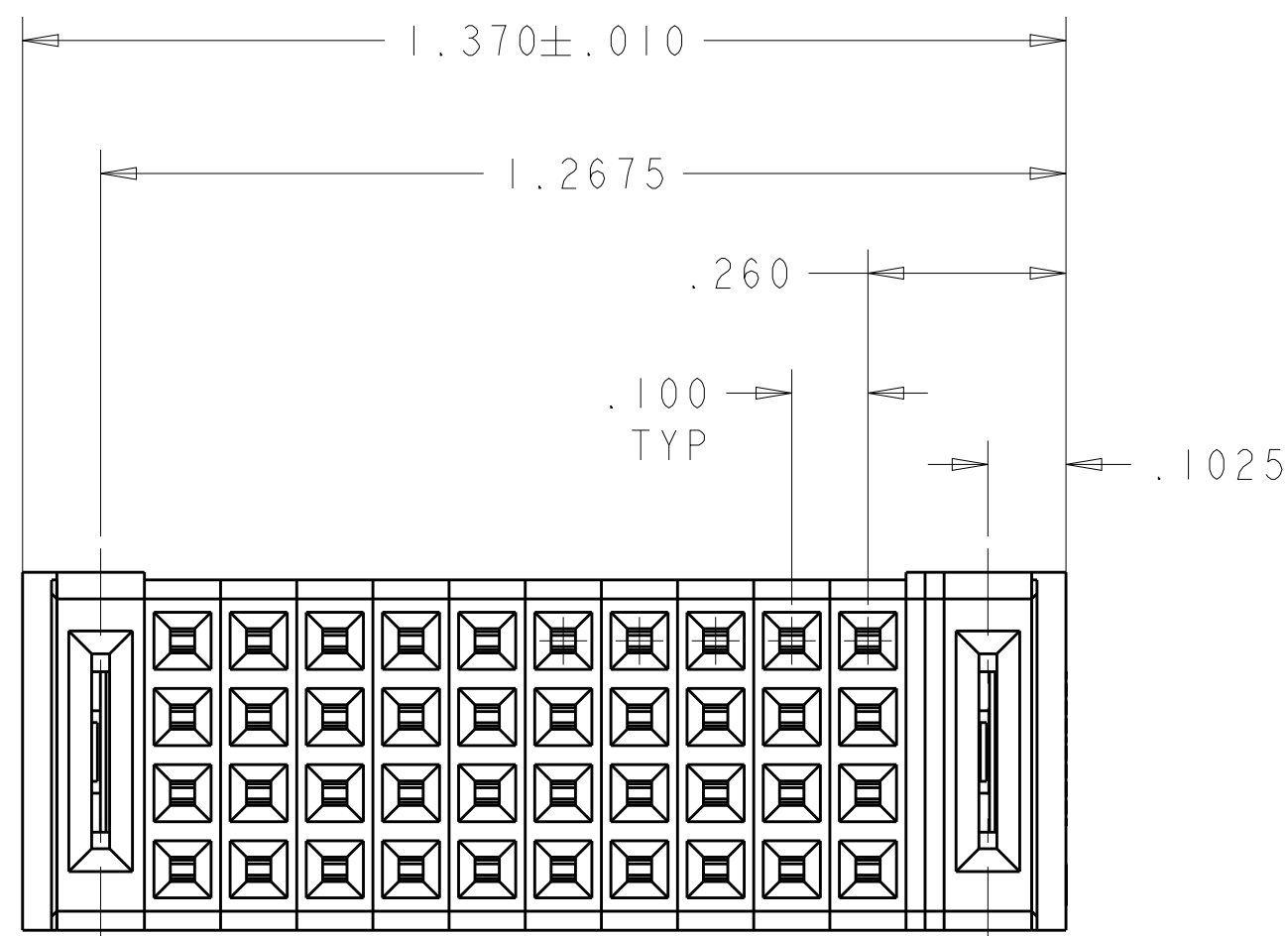


| PART NUMBER | ROWS | POWER |    |    |    |    |    |    |    |
|-------------|------|-------|----|----|----|----|----|----|----|
|             |      | P8    | P7 | P6 | P5 | P4 | P3 | P2 | P1 |
| 6450869-8   | D    |       |    |    |    |    |    |    |    |
|             | C    | GS    | GS | GS | GS | GS | GS | GS | GS |
|             | B    |       |    |    |    |    |    |    |    |
|             | A    |       |    |    |    |    |    |    |    |
| 8P          |      |       |    |    |    |    |    |    |    |

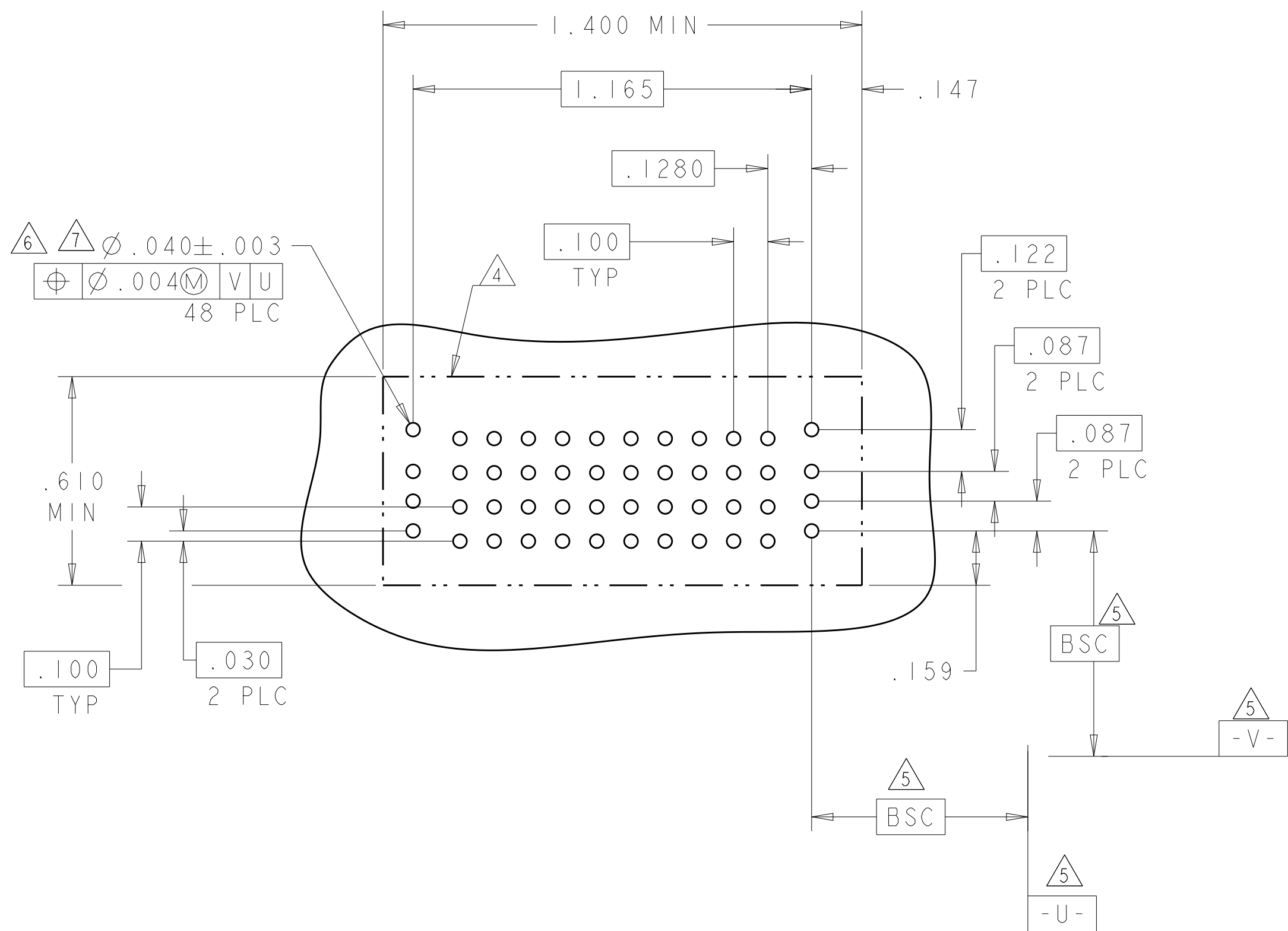
| PART NUMBER | POWER |    |
|-------------|-------|----|
|             | P2    | P1 |
| I-6450869-3 | GP    | GS |
| 2P          |       |    |

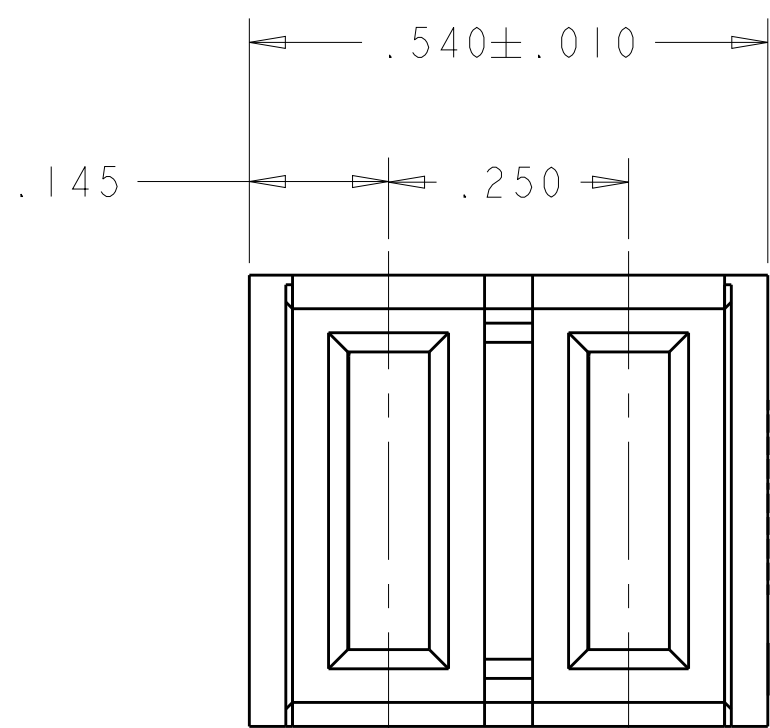


|                                        |  |                                        |        |                                |                 |      |
|----------------------------------------|--|----------------------------------------|--------|--------------------------------|-----------------|------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN                                    | H.LIU  | 30APR2008                      | TE Connectivity |      |
|                                        |  | CHK                                    | S.ZHAO | 30APR2008                      |                 |      |
| DIMENSIONS:                            |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |        | APVD                           | S.YAO           | NAME |
| INCHES                                 |  | 0 PLC ±.01                             |        | PRODUCT SPEC                   |                 |      |
|                                        |  | 1 PLC ±.01                             |        | 108-2292                       |                 |      |
|                                        |  | 2 PLC ±.01                             |        | APPLICATION SPEC               |                 |      |
|                                        |  | 3 PLC ±.005                            |        | 114-13038                      |                 |      |
|                                        |  | 4 PLC ±.0020                           |        | WEIGHT                         |                 |      |
|                                        |  | ANGLES ±2°                             |        | A100779C=6450869               |                 |      |
| MATERIAL                               |  | FINISH                                 |        | CUSTOMER DRAWING               |                 |      |
|                                        |  |                                        |        | SCALE 4:1 SHEET 7 OF 10 REV E2 |                 |      |

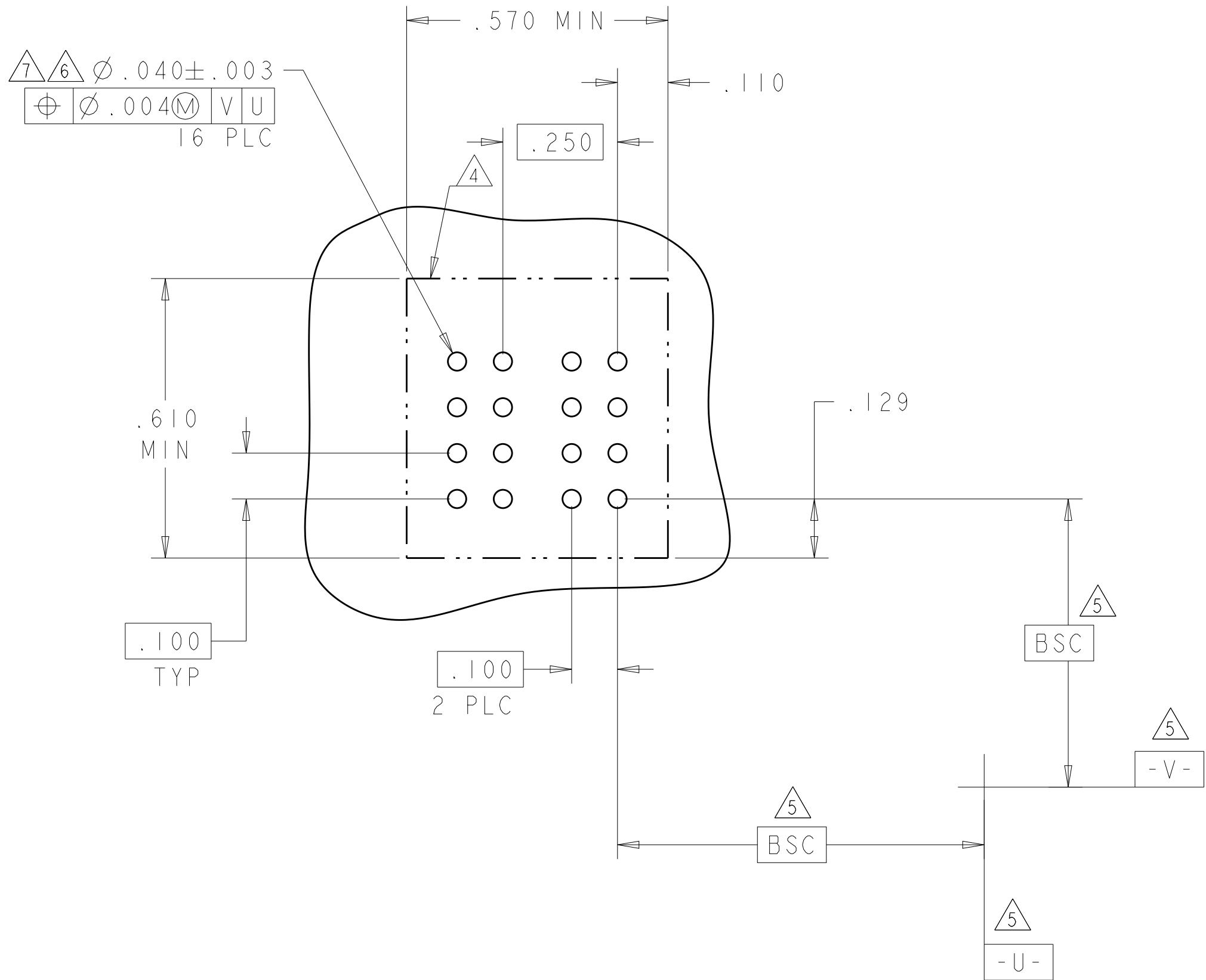


| PART NUMBER     | ROWS | LOW POWER |    | SIGNAL |    |    |    |    |    |    |    |    |     | LOW POWER |
|-----------------|------|-----------|----|--------|----|----|----|----|----|----|----|----|-----|-----------|
|                 |      | LP2       | I0 | 9      | 8  | 7  | 6  | 5  | 4  | 3  | 2  | 1  | LPI |           |
| I-6450869-5     | D    | LSI       | AP | AP     | AP | AP | AP | AP | AP | AP | AP | AP | LSI |           |
|                 | C    |           | AP | AP     | AP | AP | AP | AP | AP | AP | AP | AP |     |           |
|                 | B    |           | AP | AP     | AP | AP | AP | AP | AP | AP | AP | AP |     |           |
|                 | A    |           | AP | AP     | AP | AP | AP | AP | AP | AP | AP | AP |     |           |
| ILP + 40S + ILP |      |           |    |        |    |    |    |    |    |    |    |    |     |           |

4805 (3/11)



| PART NUMBER | POWER |    |
|-------------|-------|----|
|             | P2    | P1 |
| I-6450869-7 | GS    | GS |
| 2P          |       |    |

4805 (3/11)

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

| PART NUMBER | LOW POWER |     |
|-------------|-----------|-----|
|             | LP2       | LP1 |
| 2-6450869-2 | LSI       | LSI |
| 2LP         |           |     |

| PART NUMBER | LOW POWER |     |     |
|-------------|-----------|-----|-----|
|             | LP3       | LP2 | LP1 |
| 2-6450869-3 | LSI       | LSI | LSI |
| 3 LP        |           |     |     |

