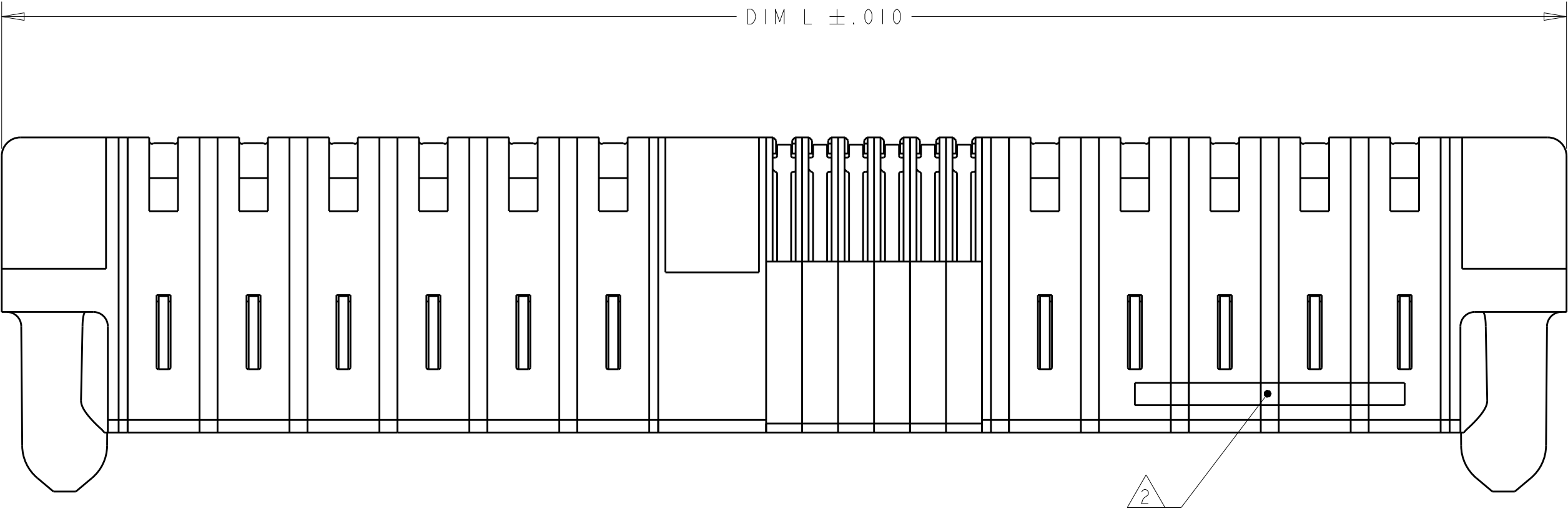
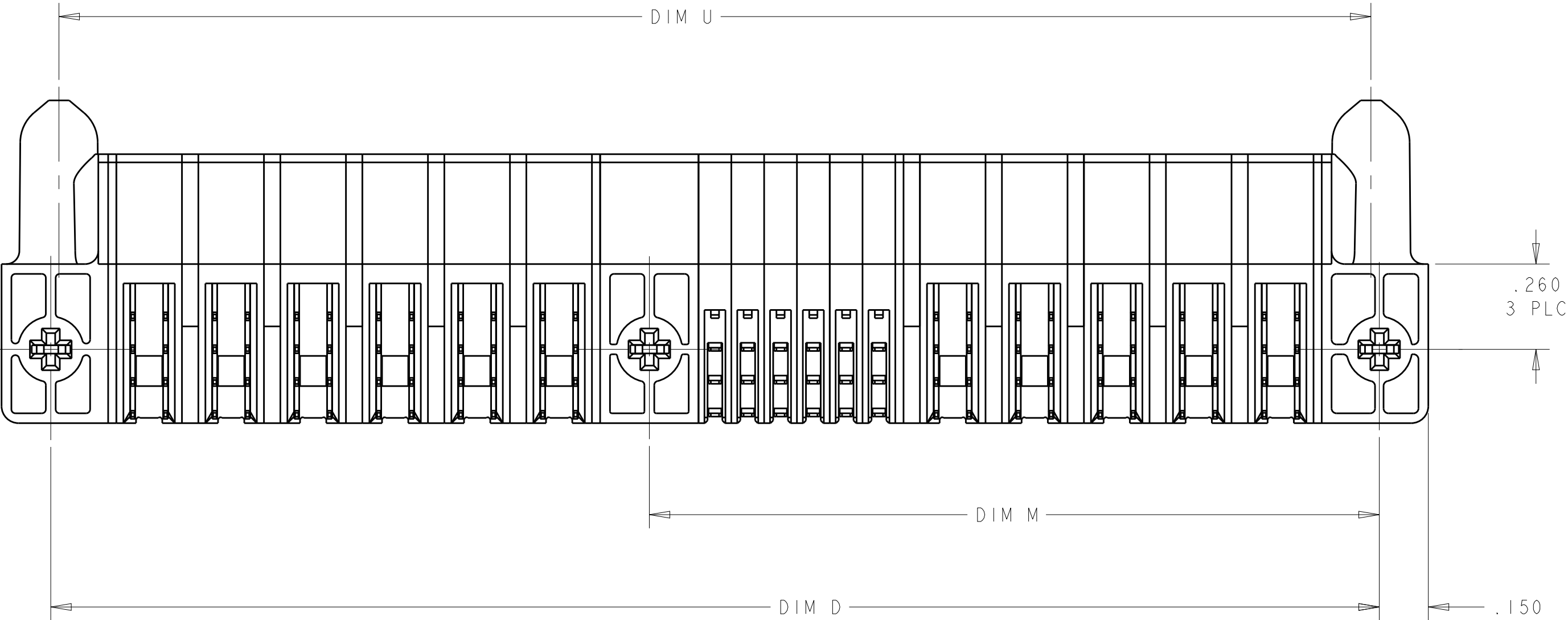
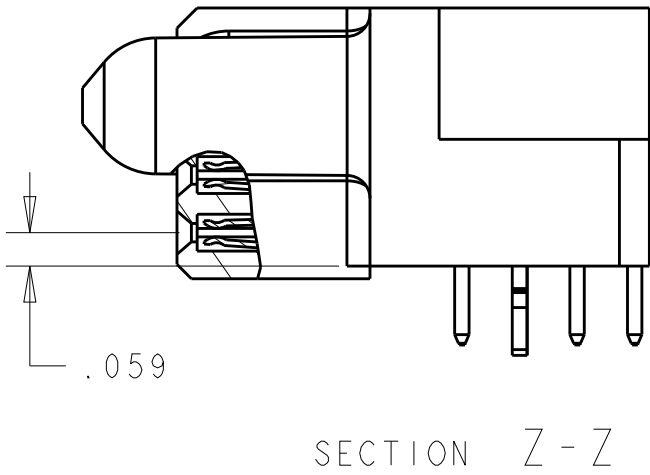
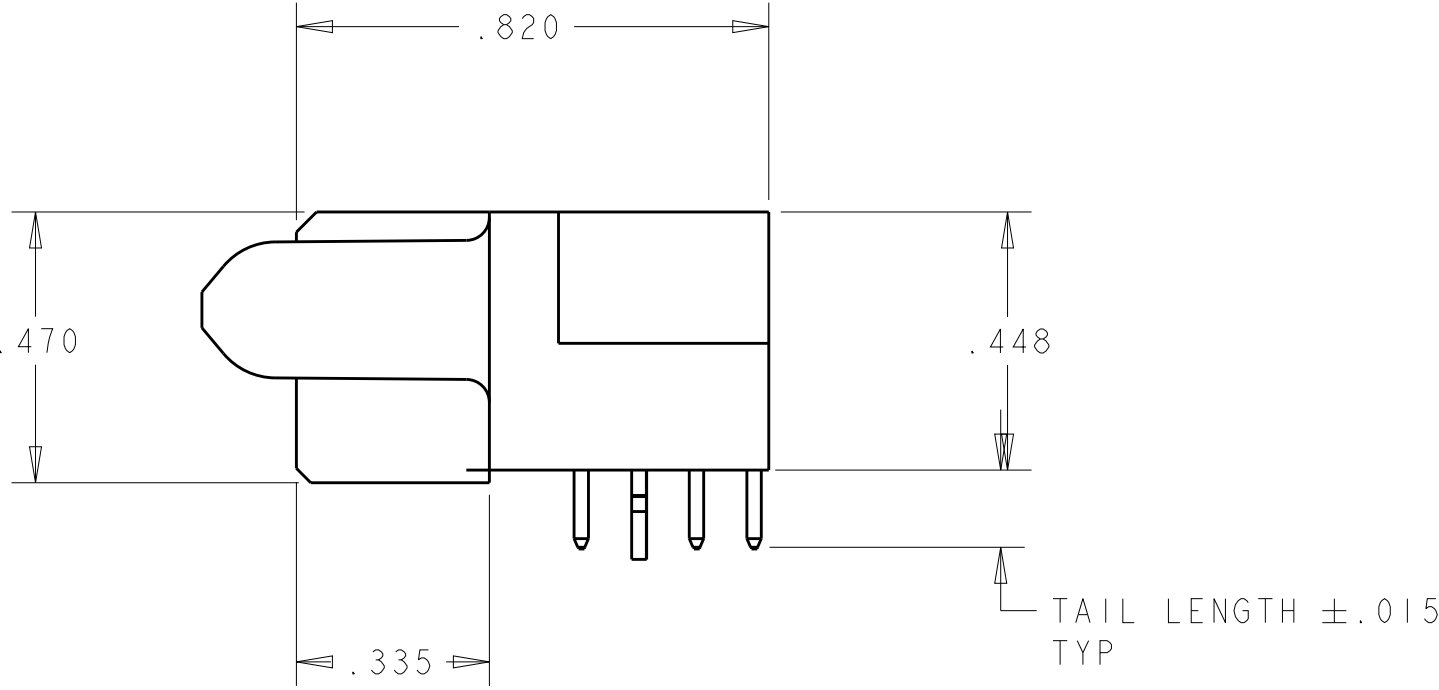
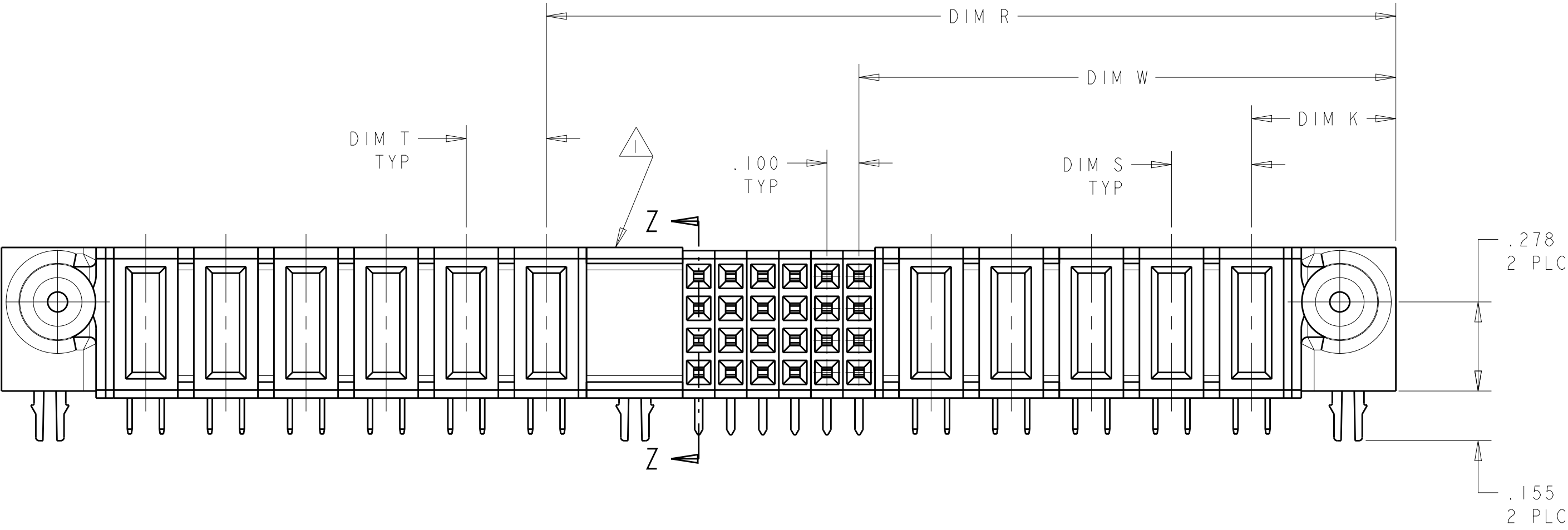


| LOC | DIST | REVISIONS |     |                       |           |     |      |
|-----|------|-----------|-----|-----------------------|-----------|-----|------|
|     |      | P         | LTR | DESCRIPTION           | DATE      | DWN | APVD |
| GP  | 00   |           | G   | REV PER ECO-15-000526 | 19JAN2015 | LAW | CZ   |
|     |      |           |     |                       |           |     |      |
|     |      |           |     |                       |           |     |      |
|     |      |           |     |                       |           |     |      |
|     |      |           |     |                       |           |     |      |



- 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.
- 3 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, BLACK, UL94 V-0  
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY  
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 4 CONTACT PLATING: NOBLE PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
- 5 MECHANICAL CONNECTOR KEEP OUT ZONE.
- 6 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 7 PCB- ALL HOLE DIAMETERS ARE FINISHED DIMENSIONS.
- 8 PCB- Ø.0453 +/- .0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001-.003 CU PLATING TO ACHIEVE A Ø.040±.003 HOLE.



|                                                                                       |        |                          |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--------|--------------------------|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |        | DWN R.GRZYBOWSKI 21FEB05 |  TE Connectivity |  |
|                                                                                       |        | CHK M.PERCHERKE 21FEB05  |                                                                                                       |  |
| DIMENSIONS:                                                                           |        | APVD M.PERCHERKE 21FEB05 | NAME RIGHT ANGLE RECEPTACLE ASSEMBLY<br>WITH GUIDES<br>MULTI-BEAM XL                                  |  |
| INCHES                                                                                |        | PRODUCT SPEC             |                                                                                                       |  |
|  | 0 PLC  | ±"                       | SIZE A100779C=6450160                                                                                 |  |
|                                                                                       | 1 PLC  | ±.01                     |                                                                                                       |  |
|                                                                                       | 2 PLC  | ±.01                     |                                                                                                       |  |
|  | 3 PLC  | ±.005                    | RESTRICTED TO                                                                                         |  |
|                                                                                       | 4 PLC  | ±.002                    |                                                                                                       |  |
|                                                                                       | ANGLES | #2°                      |                                                                                                       |  |
| MATERIAL                                                                              | FINISH | WEIGHT                   | SCALE 3:1 SHEET 1 OF 16 REV G1                                                                        |  |
|                                                                                       | 3      | 4                        |                                                                                                       |  |
| Customer Drawing                                                                      |        |                          |                                                                                                       |  |

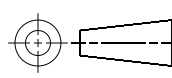
| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| GP  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      | -         |     | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |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

|       |      |      |       |       |       |       |       |      |                    |             |
|-------|------|------|-------|-------|-------|-------|-------|------|--------------------|-------------|
| .700  | -    | -    | -     | .375  | .750  | -     | 1.050 | -    | 16S                | 4-6450160-9 |
| 2.700 | -    | .200 | 2.600 | 1.425 | 2.750 | -     | 3.050 | .450 | 5P + 44S + 1P      | 4-6450160-8 |
| 4.000 | -    | -    | -     | .375  | 4.050 | -     | 4.350 | -    | 148S               | 4-6450160-6 |
| 2.000 | .250 | .250 | 1.650 | .925  | 2.050 | -     | 2.350 | .450 | 2P + 24S + 2P      | 4-6450160-5 |
| 2.800 | -    | -    | -     | 0.375 | 2.850 | -     | 3.150 | -    | 100S               | 4-6450160-4 |
| 1.100 | -    | -    | 1.000 | .625  | 1.150 | -     | 1.450 | .450 | 1P + 12S + 1P      | 4-6450160-1 |
| 2.400 | .250 | .250 | 1.550 | .875  | 2.450 | -     | 2.750 | .450 | 2P + 24S + 4P      | 4-6450160-0 |
| 4.700 | .250 | .250 | 2.850 | 2.375 | 4.750 | -     | 5.050 | .450 | 8P + 16S + 8P      | 3-6450160-9 |
| 5.400 | .300 | .300 | 2.875 | 2.175 | 5.450 | -     | 5.750 | .475 | 6P + 24S + 9P      | 3-6450160-8 |
| 2.900 | .250 | .250 | 2.050 | 1.375 | 2.950 | -     | 3.250 | .450 | 4P + 24S + 4P      | 3-6450160-7 |
| 3.900 | .250 | .250 | 2.550 | 1.875 | 3.950 | -     | 4.250 | .450 | 6P + 24S + 6P      | 3-6450160-6 |
| 3.800 | .250 | .250 | 3.450 | .875  | 3.850 | -     | 4.150 | .450 | 2P + 100S + 2P     | 3-6450160-4 |
| 3.700 | .300 | .200 | 2.700 | 2.025 | 3.750 | -     | 4.050 | .450 | 8P+24S+4ACP        | 3-6450160-3 |
| 2.800 | .300 | .250 | 2.075 | 1.375 | 2.850 | -     | 3.150 | .450 | 4P + 24S + 3ACP    | 3-6450160-2 |
| 1.700 | .250 | .250 | 1.350 | .875  | 1.750 | -     | 2.050 | .450 | 2P + 16S + 2P      | 3-6450160-1 |
| 4.375 | .300 | .250 | 3.375 | 2.375 | 3.450 | 2.950 | 4.725 | .450 | 8P+24S+1M+4ACP     | 3-6450160-0 |
| 4.100 | .250 | .300 | 2.250 | 1.575 | 4.150 | -     | 4.450 | .475 | 4ACP + 24S + 8P    | 2-6450160-9 |
| 2.000 | .250 | .300 | 1.650 | 1.325 | 2.050 | -     | 2.350 | .475 | 3ACP + 8S + 2P     | 2-6450160-7 |
| 2.600 | .200 | .200 | 1.900 | 1.225 | 2.650 | -     | 2.950 | .450 | 4HDP + 24S + 4HDP  | 2-6450160-6 |
| 2.000 | .250 | .250 | 1.650 | .925  | 2.050 | -     | 2.350 | .450 | 2P + 24S + 2P      | 2-6450160-5 |
| 4.000 | .250 | .250 | 2.650 | 1.675 | 4.050 | 2.225 | 4.350 | .450 | 5P + 24S + 1M + 6P | 2-6450160-0 |
| 3.300 | .250 | .250 | 2.450 | 1.875 | 3.350 | -     | 3.650 | .450 | 6P + 20S + 4P      | 1-6450160-9 |
| 4.675 | .300 | .250 | 3.950 | 3.375 | 4.725 | -     | 5.025 | .450 | 12P + 20S + 3ACP   | 1-6450160-8 |
| 3.250 | .250 | .250 | 2.900 | 1.125 | 3.300 | -     | 3.600 | .450 | 3P + 68S + 2P      | 1-6450160-3 |
| .900  | -    | -    | -     | .375  | .950  | -     | 1.250 | -    | 0P + 24S + 0P      | 1-6450160-2 |
| 1.900 | -    | -    | .975  | .625  | 1.950 | -     | 2.250 | .450 | 1P + 12S + 5P      | 1-6450160-1 |
| 1.900 | .250 | .250 | 1.550 | .875  | 1.950 | -     | 2.250 | .450 | 2P + 24S + 2P      | 1-6450160-0 |
| 3.300 | .250 | .250 | 2.450 | 1.875 | 3.350 | -     | 3.650 | .450 | 6P + 20S + 4P      | 6450160-9   |
| 2.400 | .250 | .250 | 1.800 | 1.125 | 2.450 | -     | 2.750 | .450 | 3P + 24S + 3P      | 6450160-8   |
| 3.050 | .250 | .300 | 1.950 | 1.275 | 3.100 | -     | 3.400 | .475 | 3ACP + 24S + 5P    | 6450160-7   |
| 7.400 | .250 | .250 | 5.050 | 2.875 | 7.450 | -     | 7.750 | .450 | 10P + 84S + 10P    | 6450160-6   |
| 4.000 | .250 | .250 | 2.650 | 1.675 | 4.050 | 2.225 | 4.350 | .450 | 5P + 24S + 1M + 6P | 6450160-5   |
| 4.000 | .250 | .250 | 2.650 | 1.675 | 4.050 | 2.225 | 4.350 | .450 | 5P + 24S + 1M + 6P | 6450160-4   |
| 1.575 | -    | -    | 1.425 | .700  | 1.625 | -     | 1.925 | .475 | 1P + 24S + 1P      | 6450160-3   |
| 1.575 | -    | -    | 1.425 | .700  | 1.625 | -     | 1.925 | .475 | 1P + 24S + 1P      | 6450160-2   |
| 5.100 | .250 | .250 | 3.250 | 2.375 | 5.150 | -     | 5.450 | .450 | 8P + 32S + 8P      | 6450160-1   |
| U     | T    | S    | R     | W     | D     | M     | L     | K    | DESCRIPTION        | PART NUMBER |

(E6) PART IS IN SHEET 15

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES



MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.01  
1 PLC ±.01  
2 PLC ±.01  
3 PLC ±.005  
4 PLC ±.002  
ANGLES ±.2°  
FINISH

DWN R. GRZYBOWSKI 21FEB05  
CHK M. PERCHERKE 21FEB05  
APVD M. PERCHERKE 21FEB05

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

Customer Drawing

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

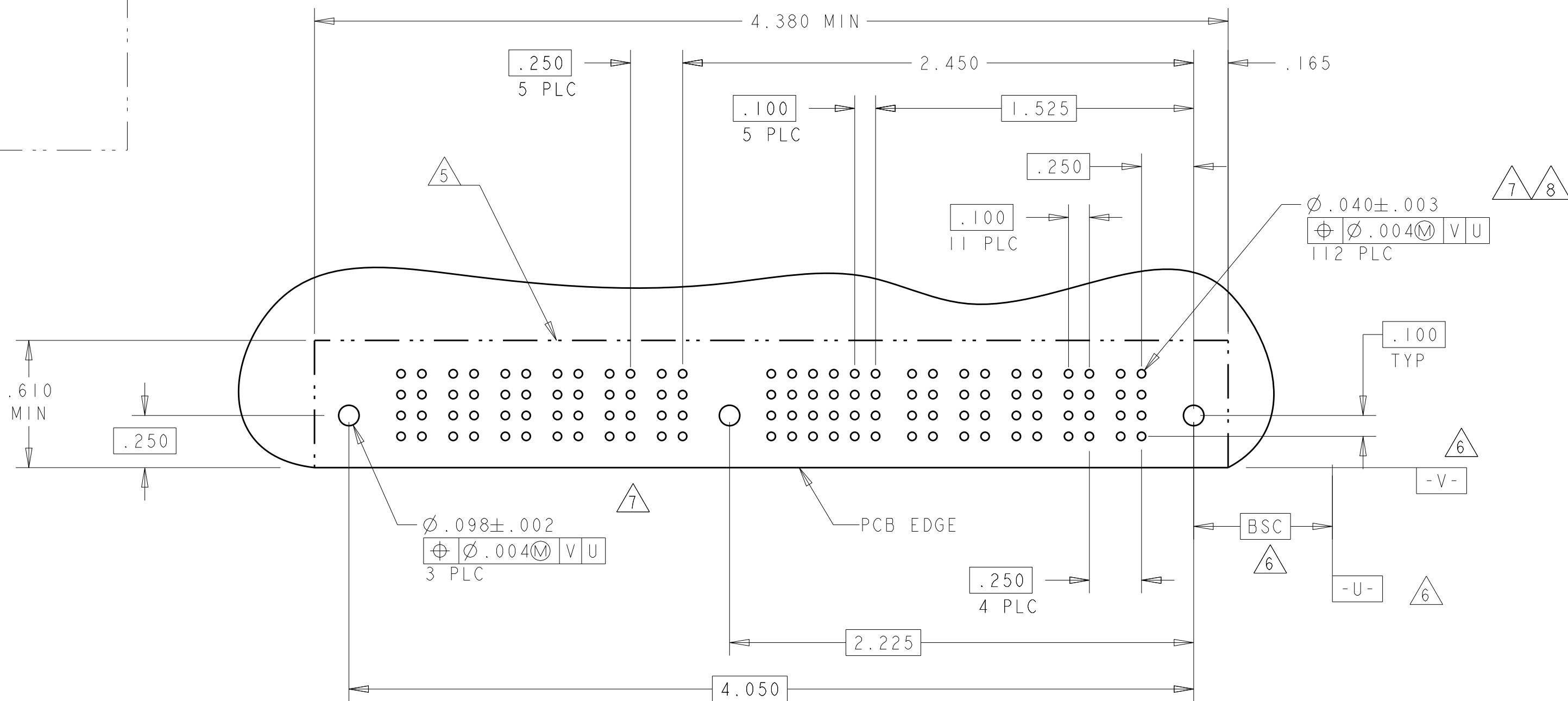
SIZE 100779  
CAGE CODE 6450160  
DRAWING NO 6450160

RESTRICTED TO -

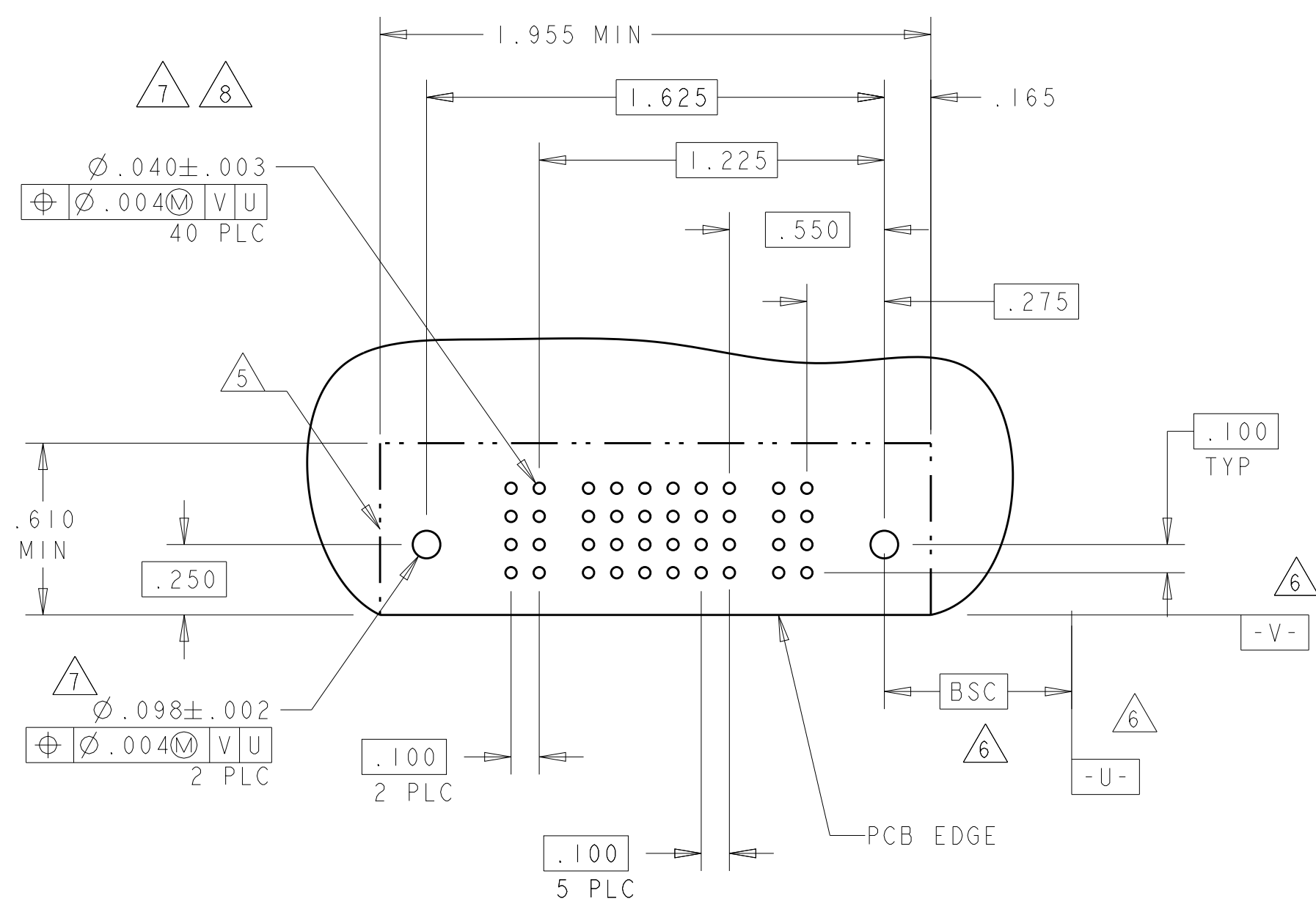
SCALE 3:1  
SHEET 2 OF 16  
REV G1

| PART NUMBER        | ROWS             |                                                         | POWER         |               |               |               |               |               | MI            | SIGNAL                                                                                                                                                                                                                                                  |               |               |               |               |               | POWER         |    |    |    |    |  |
|--------------------|------------------|---------------------------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|----|----|----|----|--|
|                    |                  |                                                         | P11           | P10           | P9            | P8            | P7            | P6            |               | 6                                                                                                                                                                                                                                                       | 5             | 4             | 3             | 2             | 1             | P5            | P4 | P3 | P2 | P1 |  |
| 6450160-4          | D<br>C<br>B<br>A | <div><div></div><div></div><div></div><div></div></div> | <div>RB</div> | <div>RB</div> | <div>RB</div> | <div>RB</div> | <div>RB</div> | <div>RB</div> | <div>HD</div> | <div><div><div>K</div><div>L</div><div>L</div><div>K</div></div><div><div>K</div><div>L</div><div>L</div><div>K</div></div><div><div>K</div><div>L</div><div>L</div><div>K</div></div><div><div>K</div><div>L</div><div>L</div><div>K</div></div></div> | <div>RB</div> | <div>RB</div> | <div>RB</div> | <div>RB</div> | <div>RB</div> | <div>HD</div> |    |    |    |    |  |
| 5P + 24S + 1M + 6P |                  |                                                         |               |               |               |               |               |               |               |                                                                                                                                                                                                                                                         |               |               |               |               |               |               |    |    |    |    |  |

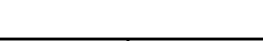
| PART NUMBER        | ROWS |   | POWER |     |    |    |    |    | MI                                                                                                                                                                                                                                                          | SIGNAL |   |   |   |   |   | POWER |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |  |  |
|--------------------|------|---|-------|-----|----|----|----|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---|---|---|---|---|-------|----|----|----|----|---|---|---|---|---|---|---|---|---|----|----|----|----|----|--|--|
|                    |      |   | P11   | P10 | P9 | P8 | P7 | P6 |                                                                                                                                                                                                                                                             | 6      | 5 | 4 | 3 | 2 | 1 | P5    | P4 | P3 | P2 | P1 |   |   |   |   |   |   |   |   |   |    |    |    |    |    |  |  |
| 6450160-5          | DCBA |   | RA    | RA  | RA | RA | RA |    | <table><tr><td>H</td><td>H</td><td>H</td><td>H</td><td>H</td></tr><tr><td>G</td><td>G</td><td>G</td><td>G</td><td>G</td></tr><tr><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td></tr><tr><td>E</td><td>E</td><td>E</td><td>E</td><td>E</td></tr></table> | H      | H | H | H | H | G | G     | G  | G  | G  | F  | F | F | F | F | E | E | E | E | E | RA | RA | RA | RA | RA |  |  |
| H                  | H    | H | H     | H   |    |    |    |    |                                                                                                                                                                                                                                                             |        |   |   |   |   |   |       |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |  |  |
| G                  | G    | G | G     | G   |    |    |    |    |                                                                                                                                                                                                                                                             |        |   |   |   |   |   |       |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |  |  |
| F                  | F    | F | F     | F   |    |    |    |    |                                                                                                                                                                                                                                                             |        |   |   |   |   |   |       |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |  |  |
| E                  | E    | E | E     | E   |    |    |    |    |                                                                                                                                                                                                                                                             |        |   |   |   |   |   |       |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |  |  |
| 5P + 24S + 1M + 6P |      |   |       |     |    |    |    |    |                                                                                                                                                                                                                                                             |        |   |   |   |   |   |       |    |    |    |    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |  |  |



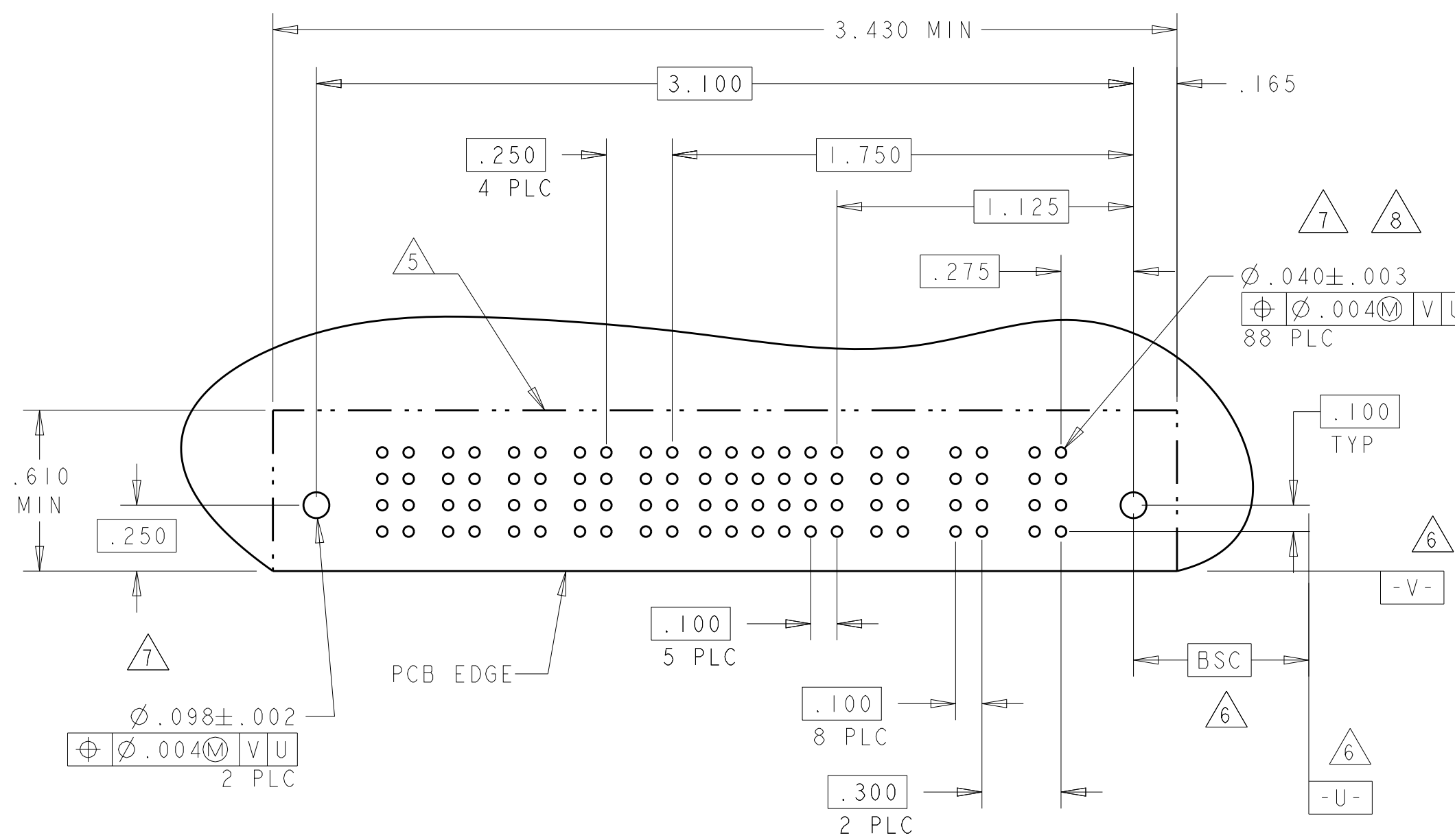
| PART NUMBER   | ROWS             |                                                                                     |  | POWER                                                                               |  | SIGNAL |   |   |   |   |   | POWER |  |                                                                                       |  |
|---------------|------------------|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|--------|---|---|---|---|---|-------|--|---------------------------------------------------------------------------------------|--|
|               |                  |                                                                                     |  | P2                                                                                  |  | 6      | 5 | 4 | 3 | 2 | 1 | P1    |  |                                                                                       |  |
| 6450160-3     | D<br>C<br>B<br>A |  |  |  |  |        |   |   |   |   |   |       |  |  |  |
|               |                  |                                                                                     |  |  |  |        |   |   |   |   |   |       |  |                                                                                       |  |
|               |                  |                                                                                     |  |  |  |        |   |   |   |   |   |       |  |                                                                                       |  |
|               |                  |                                                                                     |  |  |  |        |   |   |   |   |   |       |  |                                                                                       |  |
| IP + 24S + IP |                  |                                                                                     |  |                                                                                     |  |        |   |   |   |   |   |       |  |                                                                                       |  |



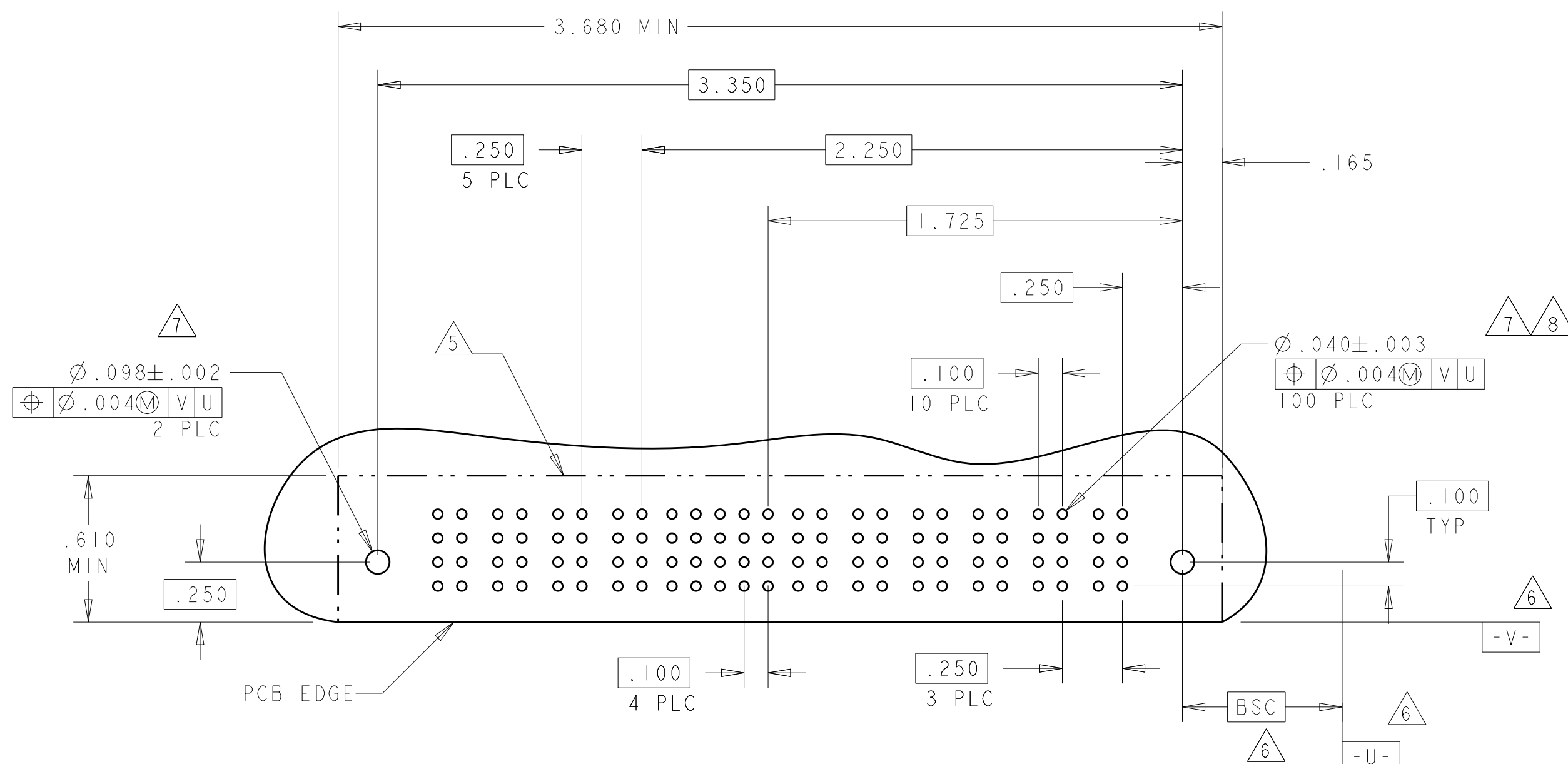
|                |             |     |
|----------------|-------------|-----|
| L              | .090        | D   |
| K              | .090        | C   |
| J              | .090        | B   |
| I              | .090        | A   |
| H              | .135        | D   |
| G              | .135        | C   |
| F              | .135        | B   |
| E              | .135        | A   |
| CODE           | TAIL LENGTH | ROW |
| SIGNAL CONTACT |             |     |

|                                                                                       |  |                                        |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>Z. GRZYBOWSKI 21FE005           |  |  TE Connectivity |  |
| DIMENSIONS:<br>INCHES                                                                 |  | CHG<br>M. PERCHERRE 21FE005            |  |                                                                                                       |  |
|  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | NAME                                                                                                  |  |
|                                                                                       |  | EVID<br>M. PERCHERRE 21FE005           |  | RIGHT ANGLE RECEPTACLE ASSEMBLY                                                                       |  |
|                                                                                       |  | PRODUCT SPEC<br>108-1973               |  | WITH GUIDES                                                                                           |  |
|                                                                                       |  | APPLICATION SPEC<br>114-13038          |  | MULTI-BEAM XL                                                                                         |  |
| MATERIAL                                                                              |  | FINISH                                 |  | SIZE CAGE CODE DRAWING NO                                                                             |  |
|                                                                                       |  |                                        |  | A100779C-6450160                                                                                      |  |
|                                                                                       |  |                                        |  | RESTRICTED TO                                                                                         |  |
|                                                                                       |  |                                        |  | -                                                                                                     |  |
|                                                                                       |  | Customer Drawing                       |  | SCALE 4:1 SHEET 3 OF 16 REV G                                                                         |  |

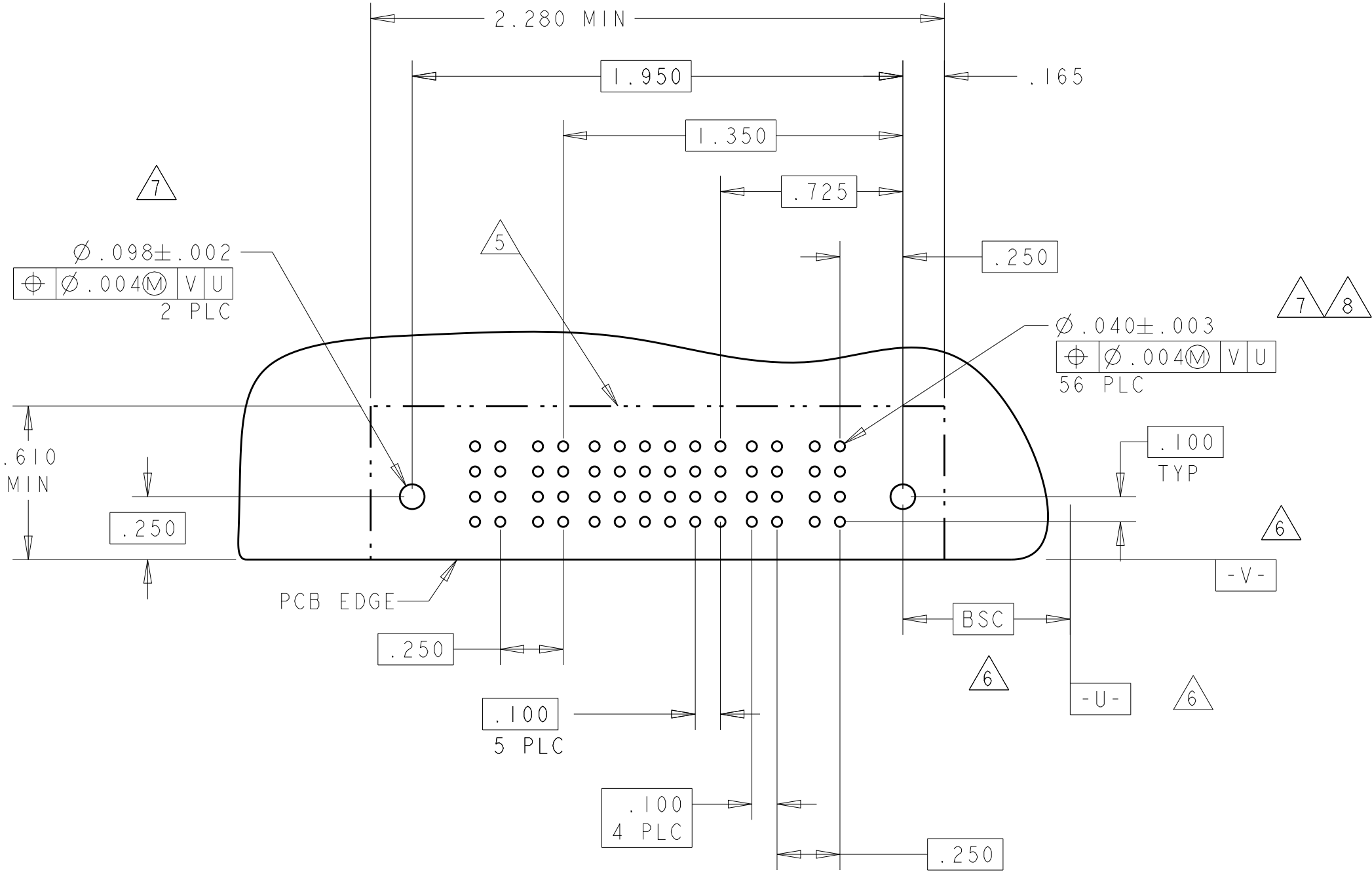
| PART NUMBER     | ROWS             | POWER         |    |    |    |    | SIGNAL |   |   |   |   |   |    | POWER |    |               |
|-----------------|------------------|---------------|----|----|----|----|--------|---|---|---|---|---|----|-------|----|---------------|
|                 |                  | P8            | P7 | P6 | P5 | P4 | G6     | 5 | 4 | 3 | 2 | 1 | P3 | P2    | P1 |               |
| 6450160-7       | D<br>C<br>B<br>A | <div></div>   | RA | RA | RA | RA | H      | H | H | H | H | H | RA | RA    | RA |               |
|                 |                  |               |    |    |    |    | G      | G | G | G | G | G |    |       |    |               |
|                 |                  |               |    |    |    |    | F      | F | F | F | F | F |    |       |    |               |
|                 |                  |               |    |    |    |    | E      | E | E | E | E | E |    |       |    |               |
| 3ACP + 24S + 5P |                  | <div>HD</div> |    |    |    |    |        |   |   |   |   |   |    |       |    | <div>HD</div> |



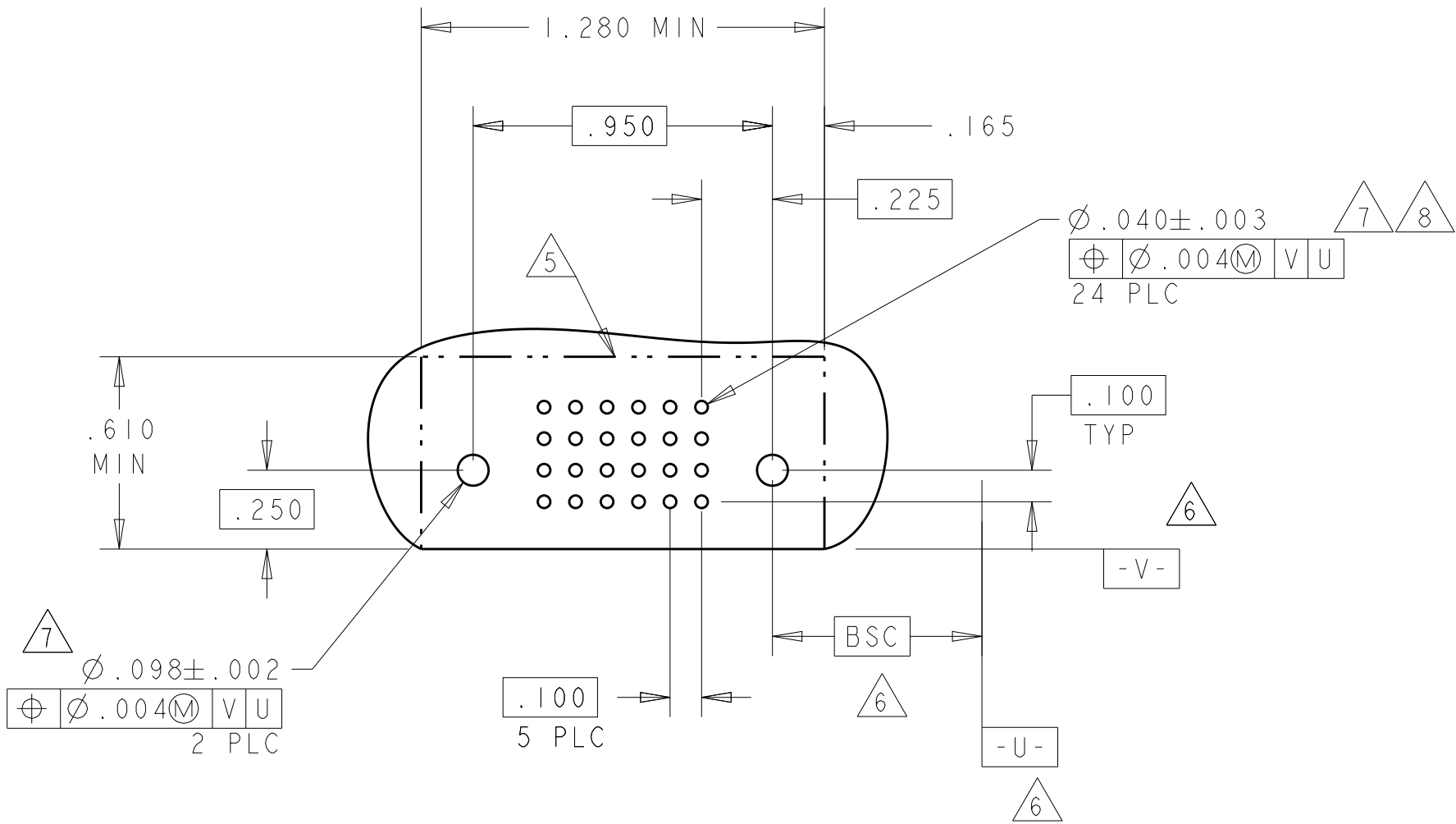
| PART NUMBER   | ROWS             |                                                                                       | POWER |    |    |    | SIGNAL |   |   |   | POWER |    |    |    |    |    |    |    |                                                                                       |                                                                                       |
|---------------|------------------|---------------------------------------------------------------------------------------|-------|----|----|----|--------|---|---|---|-------|----|----|----|----|----|----|----|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|               |                  |                                                                                       | P10   | P9 | P8 | P7 | 5      | 4 | 3 | 2 | 1     | P6 | P5 | P4 | P3 | P2 |    | P1 |                                                                                       |                                                                                       |
| 6450160-9     | D<br>C<br>B<br>A |  | RA    | RA | RA | RA | G      | H | H | H | H     | G  | RA | RA | RA | RA | RA | RA |  |                                                                                       |
| 6P + 20S + 4P |                  |  |       |    |    |    |        |   |   |   |       |    |    |    |    |    |    |    |                                                                                       |  |

4805 (3/11)

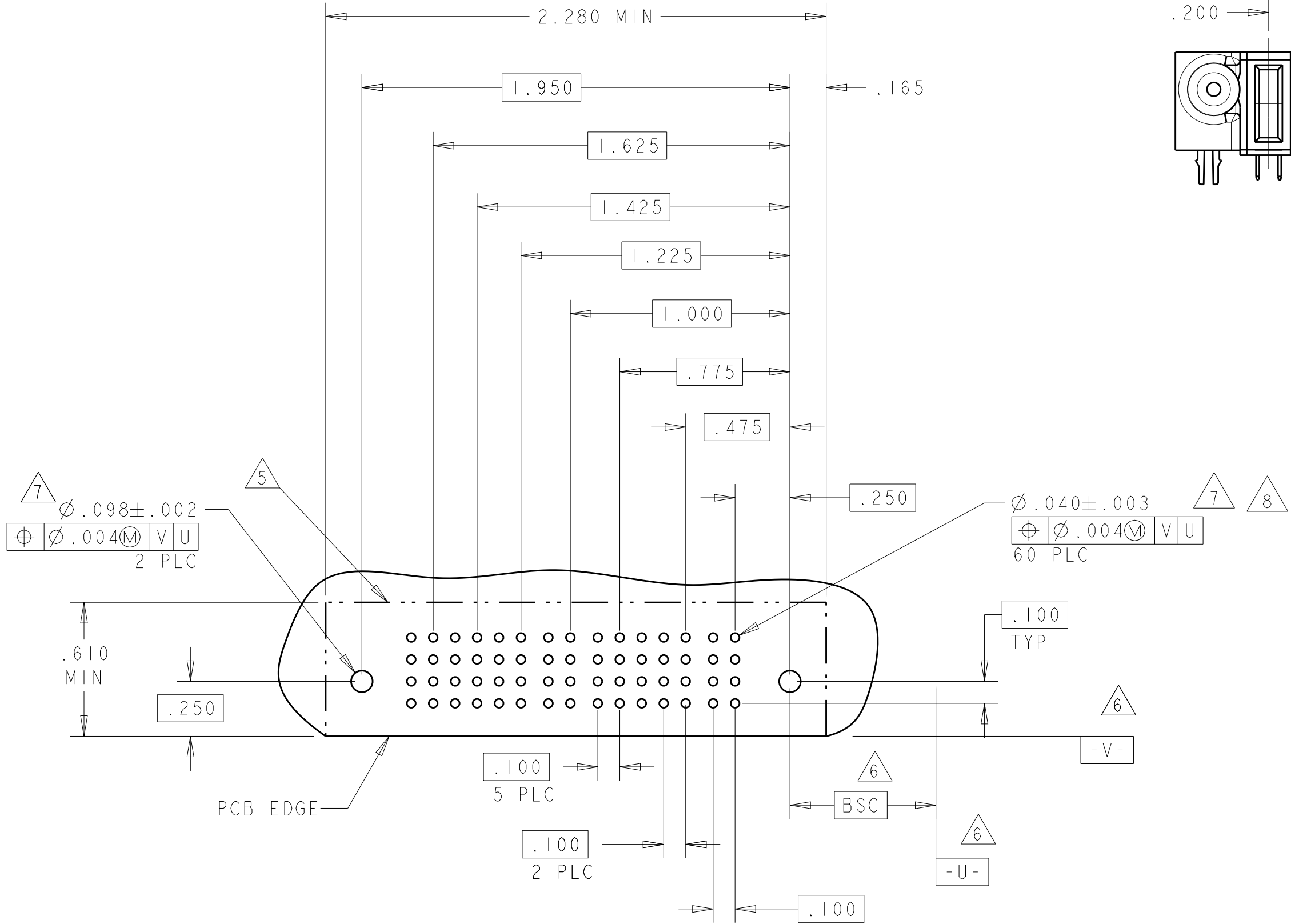
| PART NUMBER   | ROWS             |  | POWER |    | SIGNAL |   |   |   |   |   | POWER |    |  |
|---------------|------------------|--|-------|----|--------|---|---|---|---|---|-------|----|--|
|               |                  |  | P4    | P3 | 6      | 5 | 4 | 3 | 2 | 1 | P2    | P1 |  |
| I-6450160-0   | D<br>C<br>B<br>A |  | RA    | RA | H      | H | H | H | H | H | RA    | RA |  |
|               |                  |  |       |    | G      | G | G | G | G | G |       |    |  |
|               |                  |  |       |    | F      | F | F | F | F | F |       |    |  |
|               |                  |  |       |    | E      | E | E | E | E | E |       |    |  |
| 2P + 24S + 2P |                  |  |       |    |        |   |   |   |   |   |       |    |  |



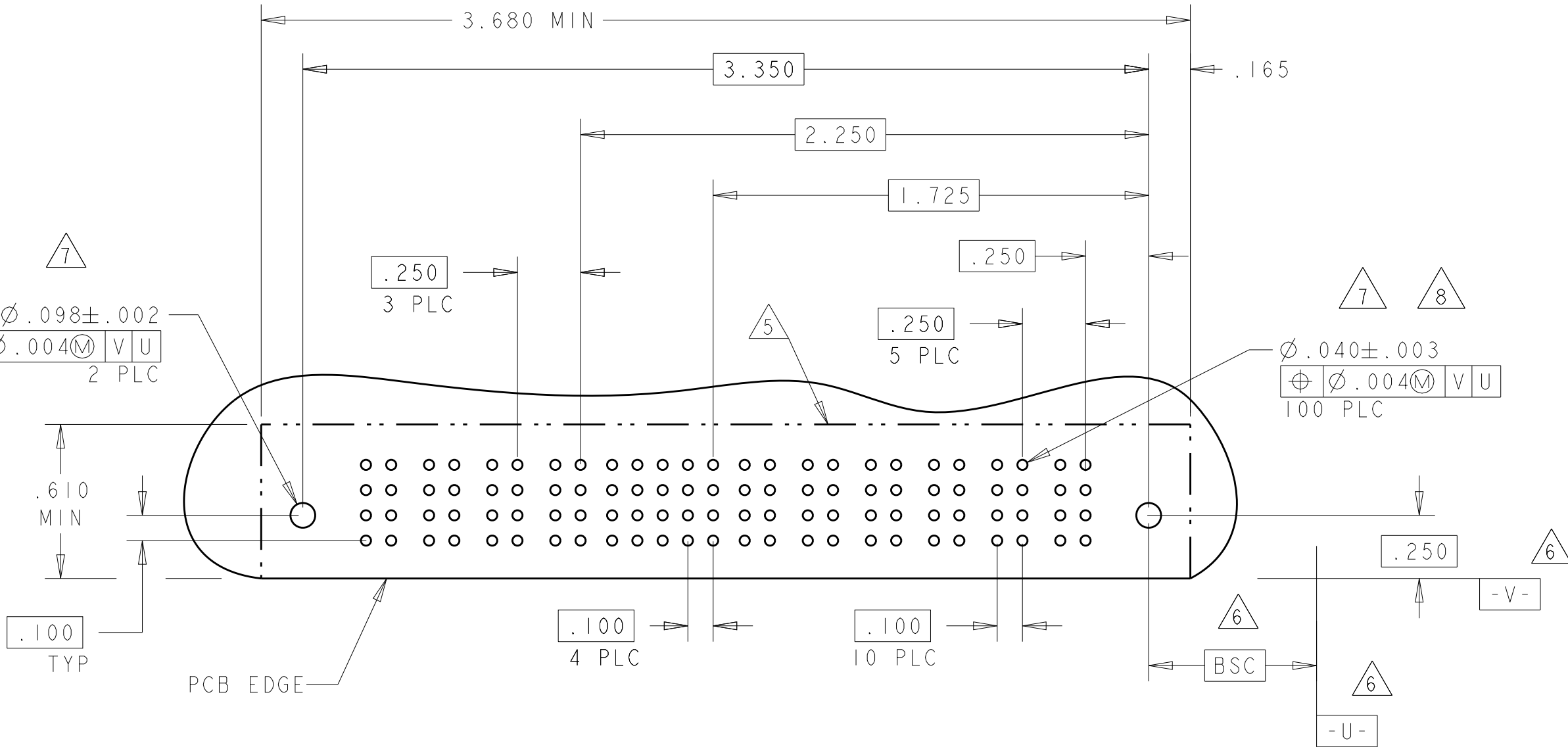
| PART NUMBER   | ROWS             |                                                                                     | SIGNAL |   |   |   |   |   |   |                                                                                     |
|---------------|------------------|-------------------------------------------------------------------------------------|--------|---|---|---|---|---|---|-------------------------------------------------------------------------------------|
|               |                  |                                                                                     | 6      | 5 | 4 | 3 | 2 | 1 |   |                                                                                     |
| I-6450160-2   | D<br>C<br>B<br>A |  | L      | L | L | L | L | L | L |  |
|               |                  |                                                                                     | K      | K | K | K | K | K | K |                                                                                     |
|               |                  |                                                                                     | J      | J | J | J | J | J | J |                                                                                     |
|               |                  |                                                                                     | I      | I | I | I | I | I | I |                                                                                     |
|               |                  | HD                                                                                  |        |   |   |   |   |   |   | HD                                                                                  |
| 0P + 24S + 0P |                  |                                                                                     |        |   |   |   |   |   |   |                                                                                     |



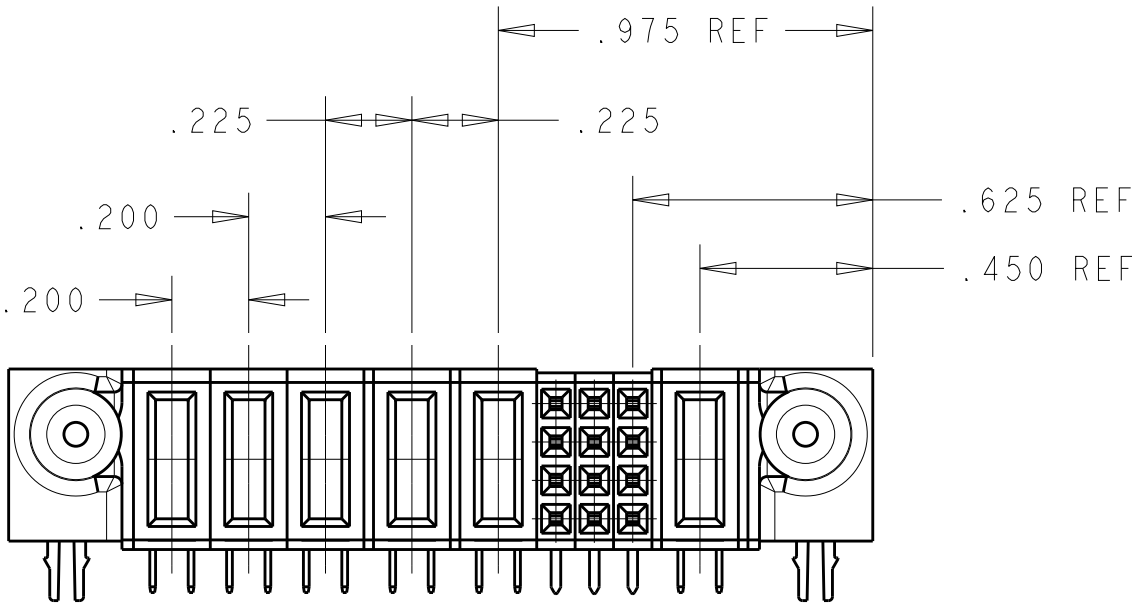
| PART NUMBER   | ROWS             |                           | POWER |    |    |    |    | SIGNAL |   |   | POWER |    |                           |
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|               |                  |                           | P6    | P5 | P4 | P3 | P2 | 3      | 2 | 1 | P1    |    |                           |
| I-6450160-1   | D<br>C<br>B<br>A | <div></div> <div>HD</div> | RA    | RA | RA | RA | RA | H      | H | H | H     | RA | <div></div> <div>HD</div> |
|               |                  |                           |       |    |    |    |    | G      | G | G | G     |    |                           |
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| 1P + 12S + 5P |                  |                           |       |    |    |    |    |        |   |   |       |    |                           |

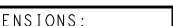


| PART NUMBER   | ROWS             | POWER |    |    |    | SIGNAL |    |   |   |   | POWER |    |    |    |    |    |
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|               |                  | P10   | P9 | P8 | P7 | 5      | 4  | 3 | 2 | 1 | P6    | P5 | P4 | P3 | P2 | P1 |
| I-6450160-9   | D<br>C<br>B<br>A |       | HD | RA | RA | RA     | RA | H | H | H | H     | H  | RA | RA | RA | RA |
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| 6P + 20S + 4P |                  | HD    |    |    |    |        |    |   |   |   |       |    |    |    |    |    |



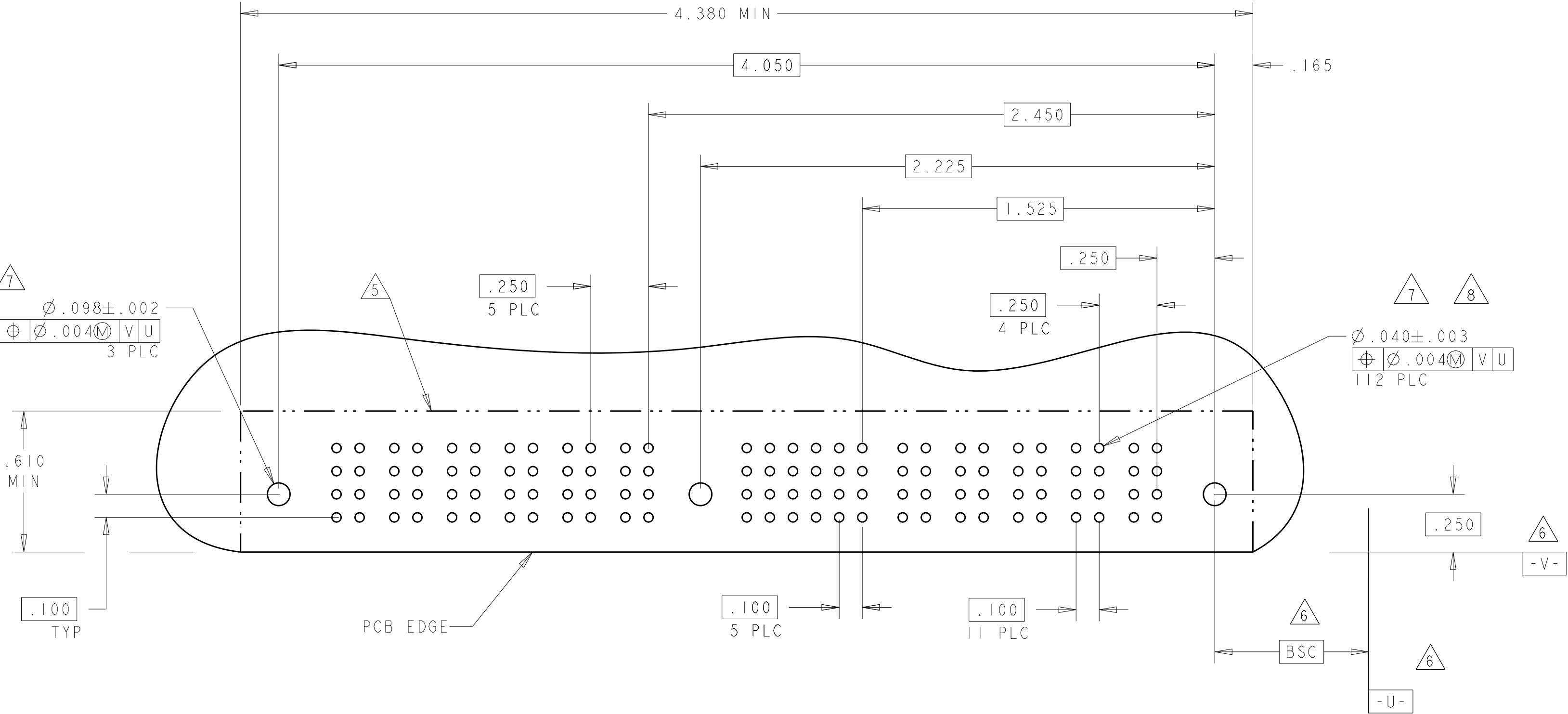
| LOC | DIST | REVISONS |     |             |      |
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|                                                                                       |                                                               |                                 |                                 |                                                                                                       |                                                                         |  |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                                               | OWN<br>R. GRZYBOWSKI<br>21FEB05 |                                 |  TE Connectivity | NAME<br>RIGHT ANGLE RECEPTACLE ASSEMBLY<br>WITH GUIDES<br>MULTI-BEAM XL |  |
| DIMENSIONS:<br>INCHES                                                                 | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                     | CHK<br>M. PERCHERKE<br>21FEB05  | APVD<br>M. PERCHERKE<br>21FEB05 |                                                                                                       |                                                                         |  |
|                                                                                       |                                                               | PRODUCT SPEC                    |                                 |                                                                                                       |                                                                         |  |
|                                                                                       |                                                               | 108-1973                        |                                 |                                                                                                       |                                                                         |  |
|  | 0 PLC<br>1 PLC<br>2 PLC<br>3 PLC<br>4 PLC<br>ANGLES<br>FINISH | 108-1973                        |                                 | SIZE<br>A1                                                                                            | CAGE CODE<br>00779                                                      |  |
|                                                                                       |                                                               | APPLICATION SPEC                |                                 |                                                                                                       |                                                                         |  |
| MATERIAL                                                                              | ***                                                           | 114-13038                       |                                 | DRAWING NO<br>C=6450160                                                                               | RESTRICTED TO<br>-                                                      |  |
|                                                                                       |                                                               | WEIGHT                          |                                 |                                                                                                       |                                                                         |  |
| Customer Drawing                                                                      |                                                               | SCALE<br>4:1                    |                                 | SHEET<br>5 OF 16                                                                                      |                                                                         |  |

| LOC | DIST | REVISIONS |     |             |      |     |      |
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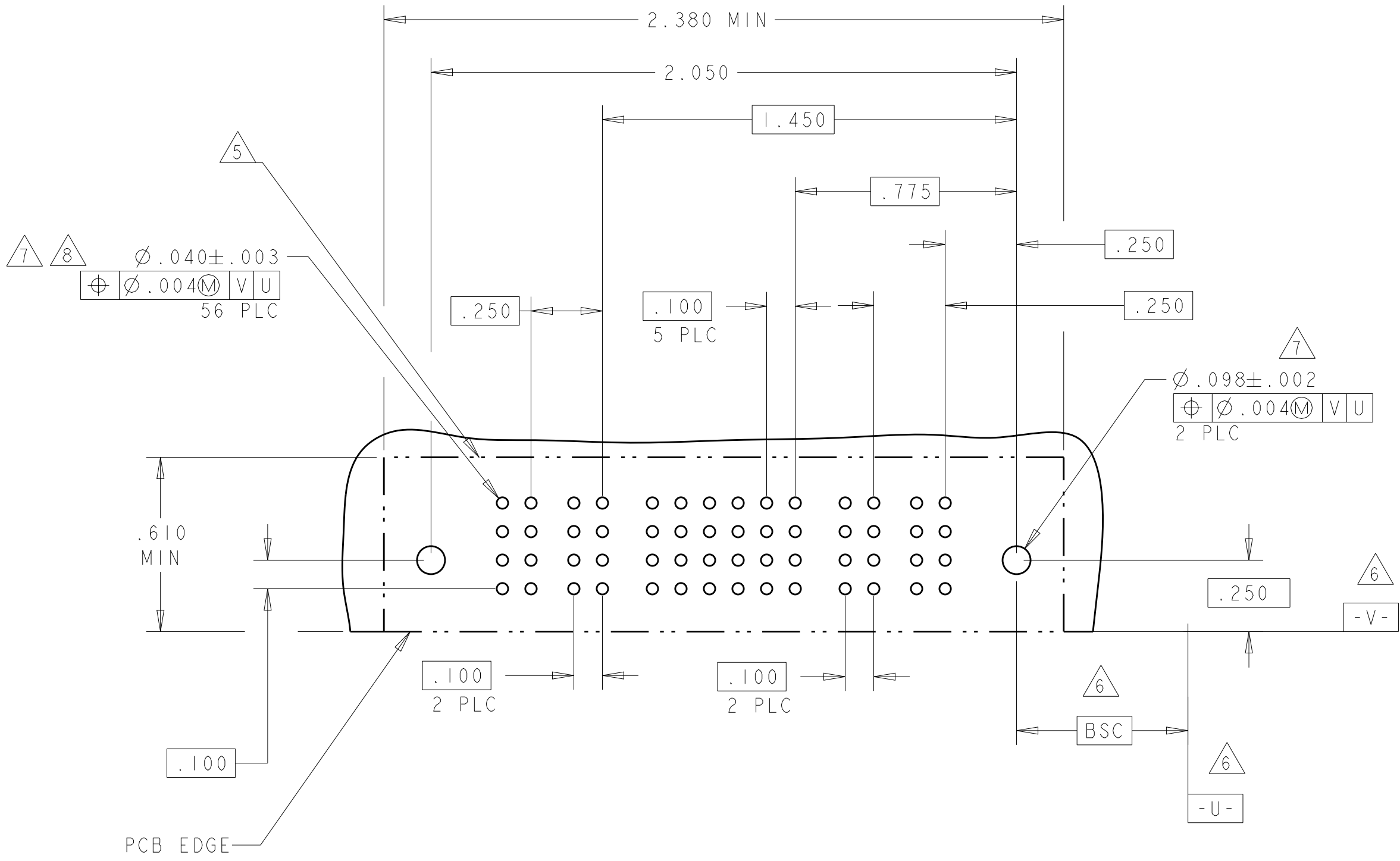
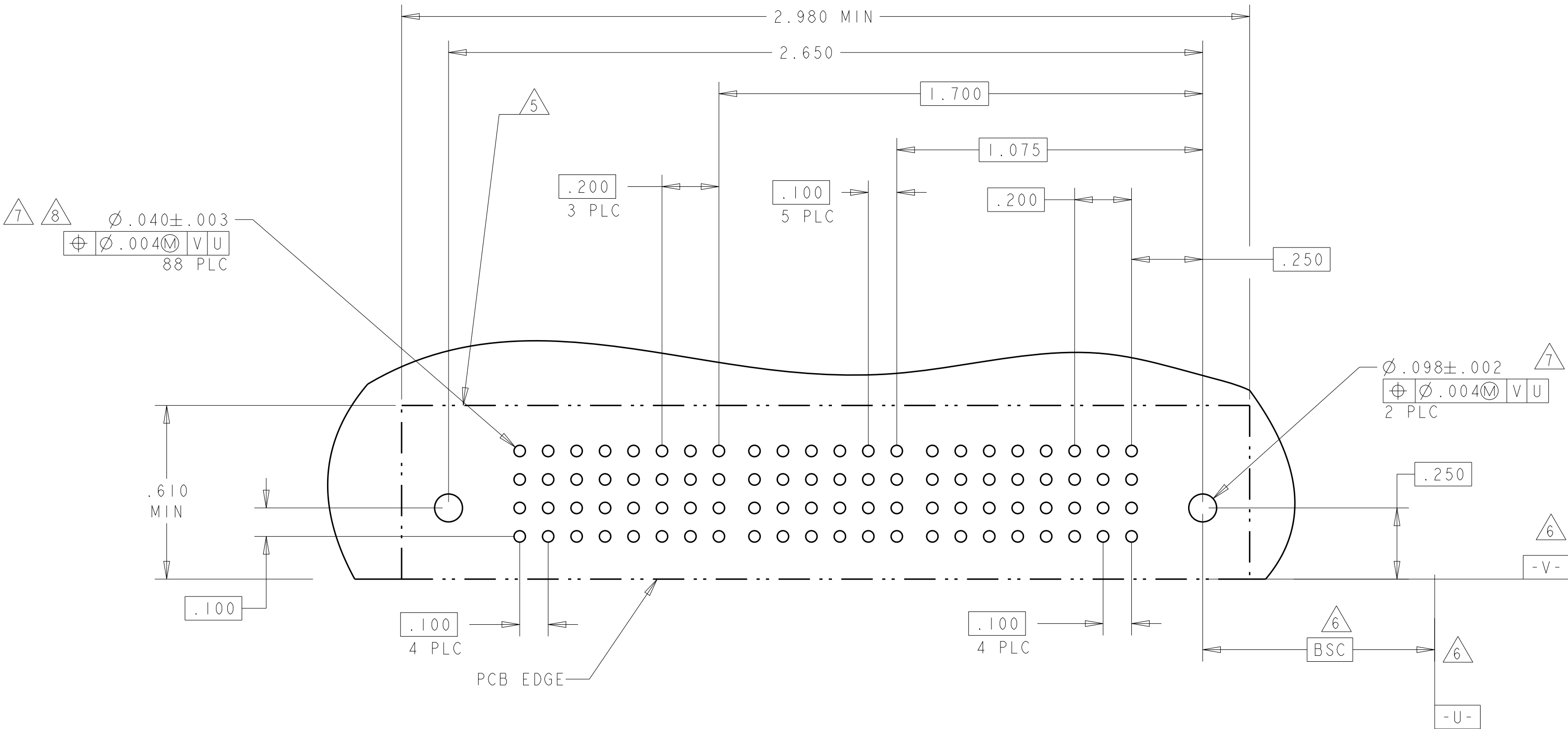
| PART NUMBER        | ROWS             |             | POWER |     |    |    |    |    |  | SIGNAL |   |   |   |   |   | POWER |    |    |    |    |  |
|--------------------|------------------|-------------|-------|-----|----|----|----|----|--|--------|---|---|---|---|---|-------|----|----|----|----|--|
|                    |                  |             | P11   | P10 | P9 | P8 | P7 | P6 |  | MI     | 6 | 5 | 4 | 3 | 2 | 1     | P5 | P4 | P3 | P2 |  |
| 2-6450160-0        | D<br>C<br>B<br>A | <div></div> | RA    | RA  | RA | RA | RA | RA |  | H      | H | H | H | H | H | RA    | RA | RA | RA | RA |  |
|                    |                  |             |       |     |    |    |    |    |  | G      | G | G | G | G | G |       |    |    |    |    |  |
|                    |                  |             |       |     |    |    |    |    |  | F      | F | F | F | F | F |       |    |    |    |    |  |
|                    |                  |             |       |     |    |    |    |    |  | E      | E | E | E | E | E |       |    |    |    |    |  |
| 5P + 24S + 1M + 6P |                  |             |       |     |    |    |    |    |  |        |   |   |   |   |   |       |    |    |    |    |  |



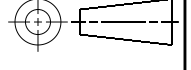
| PART NUMBER   | ROWS             |                                                                      | POWER |    | SIGNAL |   |   |   |   |   | POWER |    |                                                                      |
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|               |                  |                                                                      | P4    | P3 | 6      | 5 | 4 | 3 | 2 | 1 | P2    | P1 |                                                                      |
| 2-6450160-5   | D<br>C<br>B<br>A | <div><div></div><div></div><div></div><div></div><div>HD</div></div> | RN    | RN | L      | L | L | L | L | L | RN    | RN | <div><div></div><div></div><div></div><div></div><div>HD</div></div> |
|               |                  |                                                                      |       |    | K      | K | K | K | K | K |       |    |                                                                      |
|               |                  |                                                                      |       |    | J      | J | J | J | J | J |       |    |                                                                      |
|               |                  |                                                                      |       |    | I      | I | I | I | I | I |       |    |                                                                      |
| 2P + 24S + 2P |                  |                                                                      |       |    |        |   |   |   |   |   |       |    |                                                                      |

| PART NUMBER   | ROWS             |                                                                                     |                                                                                     | POWER |    | SIGNAL |   |   |   |   |   | POWER |    |                                                                                     |
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|               |                  |                                                                                     |                                                                                     | P4    | P3 | 6      | 5 | 4 | 3 | 2 | 1 | P2    | P1 |                                                                                     |
| 4-6450160-5   | D<br>C<br>B<br>A |  |  | RM    | RM | H      | H | H | H | H | H | RM    | RM |  |
|               |                  |                                                                                     |                                                                                     |       |    | G      | G | G | G | G | G |       |    |                                                                                     |
|               |                  |                                                                                     |                                                                                     |       |    | F      | F | F | F | F | F |       |    |                                                                                     |
|               |                  |                                                                                     |                                                                                     |       |    | E      | E | E | E | E | E |       |    |                                                                                     |
| 2P + 24S + 2P |                  |                                                                                     |  |       |    |        |   |   |   |   |   |       |    |  |

| PART NUMBER       | ROWS             |                                                                                     | POWER                                                                               |                                                                                     |                                                                                     | SIGNAL                                                                              |   |   |   |   | POWER |   |    |    |  |                                                                                       |
|-------------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---|---|---|---|-------|---|----|----|--|---------------------------------------------------------------------------------------|
|                   |                  |                                                                                     | P8                                                                                  | P7                                                                                  | P6                                                                                  | P5                                                                                  | 6 | 5 | 4 | 3 | 2     | 1 | P4 | P3 |  | P2                                                                                    |
| 2-6450160-6       | D<br>C<br>B<br>A |  |  |  |  |  | H | G | H | H | H     | H |    |    |  |                                                                                       |
|                   |                  |                                                                                     |  |  |  |  | G | G | G | G | G     | G |    |    |  |                                                                                       |
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| 4HDP + 24S + 4HDP |                  |                                                                                     |  |                                                                                     |                                                                                     |                                                                                     |   |   |   |   |       |   |    |    |  |  |

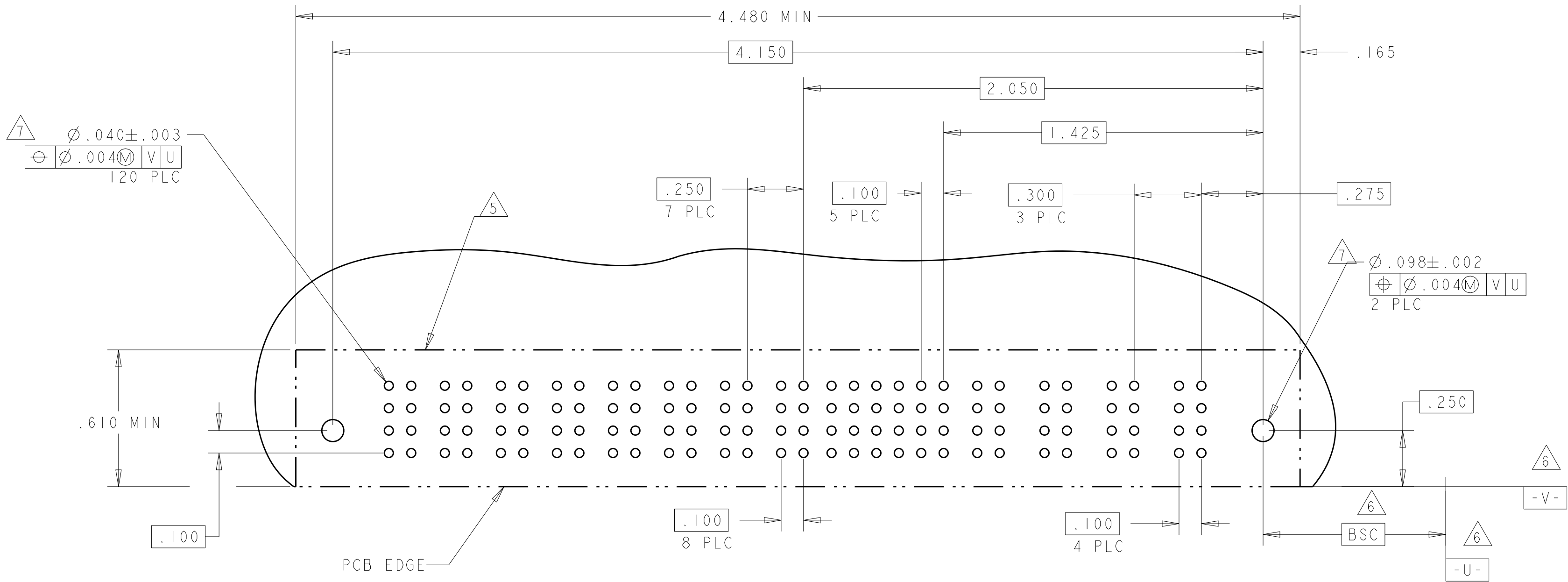


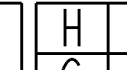
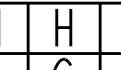
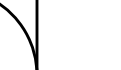
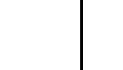
2-6450160-5 AND 4-6450160-5 PCB LAYOUT

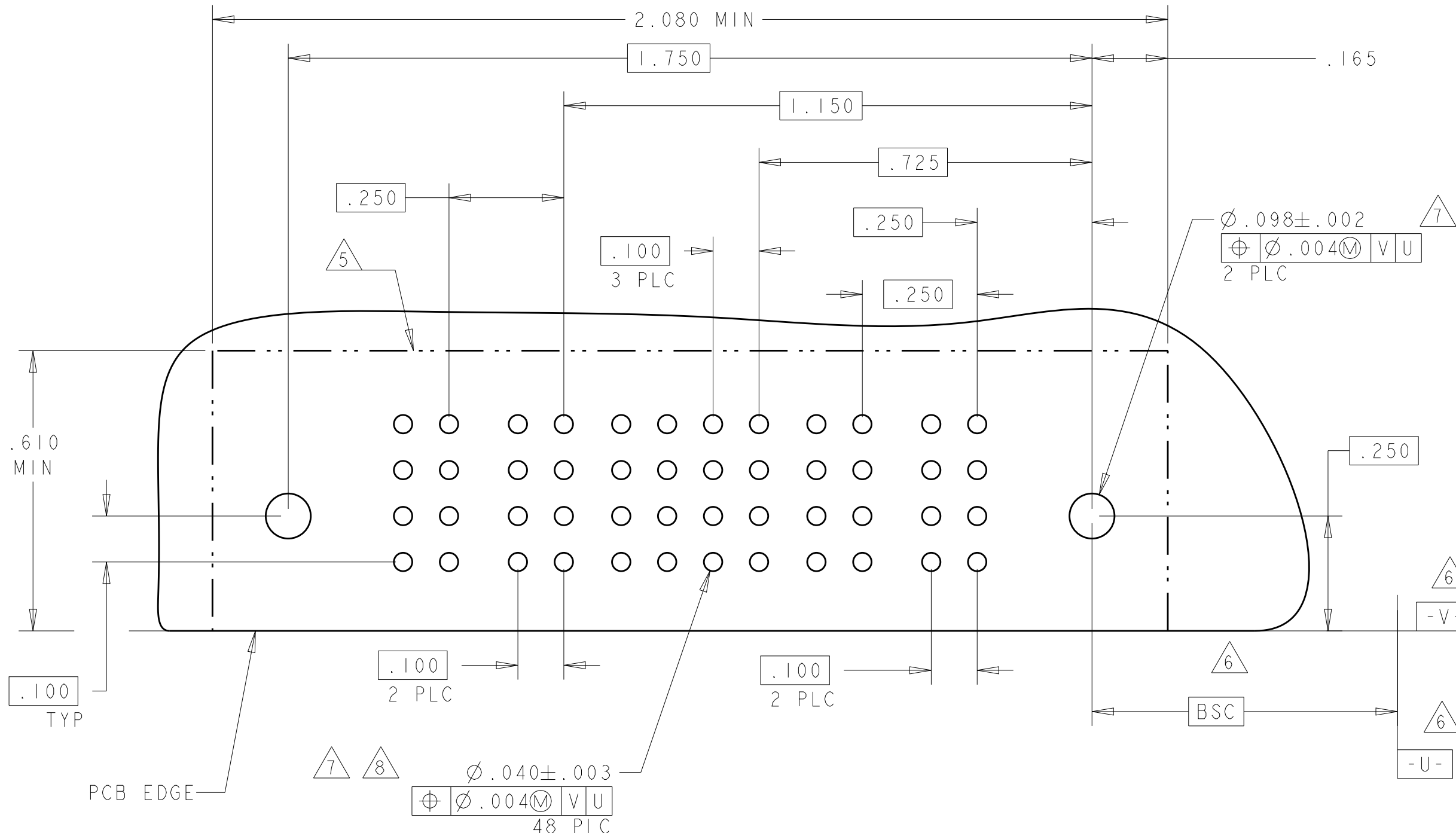
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| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>R. GRZYBOWSKI     | 21FEB05 |  TE Connectivity |  |
| DIMENSIONS:<br>INCHES                                                                 |  | CHK<br>M. PERCHERKE      | 21FEB05 |                                                                                                       |  |
|  |  | APVD<br>M. PERCHERKE     | 21FEB05 | NAME<br>RIGHT ANGLE RECEPTACLE ASSEMBLY<br>WITH GUIDES<br>MULTI-BEAM XL                               |  |
|                                                                                       |  | PRODUCT SPEC<br>108-1973 |         | APPLICATION SPEC<br>114-13038                                                                         |  |
| MATERIAL                                                                              |  | FINISH<br>#2*            |         | WEIGHT<br>-                                                                                           |  |
|                                                                                       |  | Customer Drawing         |         | SIZE<br>A100779                                                                                       |  |
|                                                                                       |  |                          |         | CAGE CODE<br>6450160                                                                                  |  |
|                                                                                       |  |                          |         | RESTRICTED TO<br>-                                                                                    |  |
|                                                                                       |  |                          |         | SCALE<br>4:1                                                                                          |  |
|                                                                                       |  |                          |         | SHEET<br>6 OF 16                                                                                      |  |
|                                                                                       |  |                          |         | REV<br>G1                                                                                             |  |

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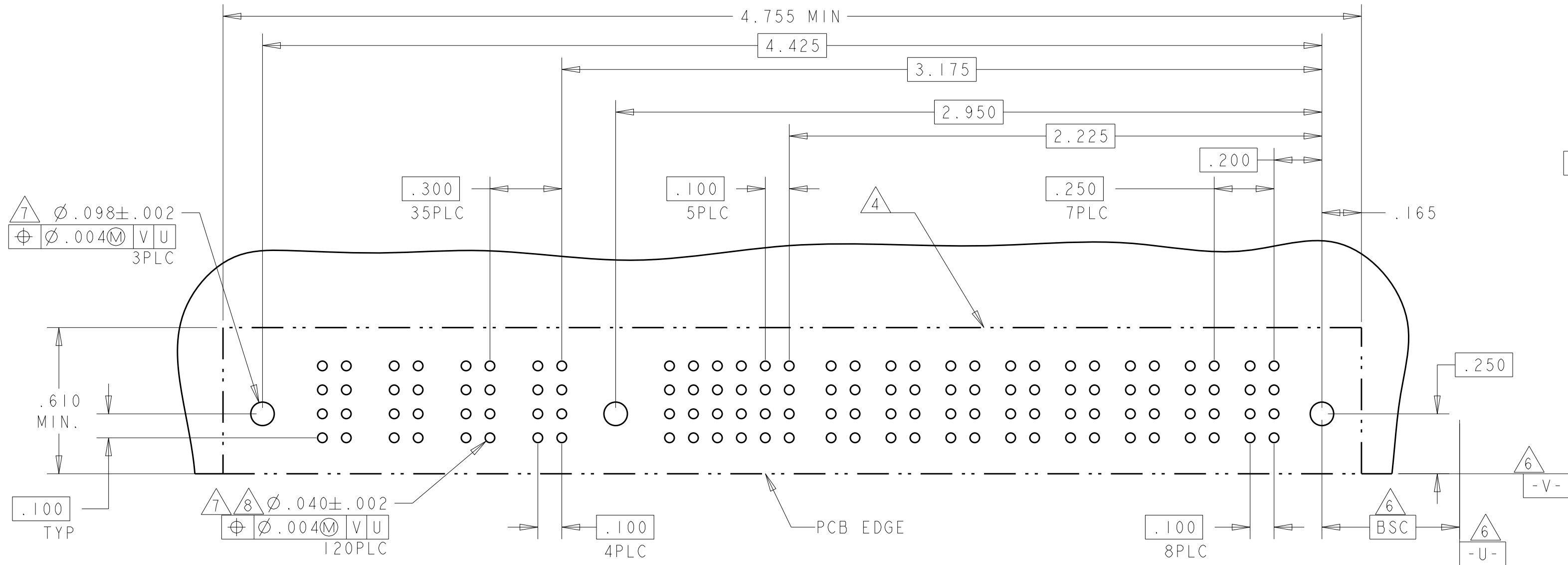
| PART NUMBER     | ROWS             |  | POWER |     |     |    |    |    |    |    | SIGNAL |   |   |   |   |   | POWER |    |    |    |  |
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|                 |                  |  | P12   | P11 | P10 | P9 | P8 | P7 | P6 | P5 | 6      | 5 | 4 | 3 | 2 | 1 | P4    | P3 | P2 | P1 |  |
| 2-6450160-9     | D<br>C<br>B<br>A |  |       |     |     |    |    |    |    | H  | H      | H | H | H | H |   |       |    |    |    |  |
|                 |                  |  |       |     |     |    |    |    |    | G  | G      | G | G | G | G |   |       |    |    |    |  |
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|                 |                  |  |       |     |     |    |    |    |    | E  | E      | E | E | E | E |   |       |    |    |    |  |
| 4ACP + 24S + 8P |                  |  |       |     |     |    |    |    |    |    |        |   |   |   |   |   |       |    |    |    |  |



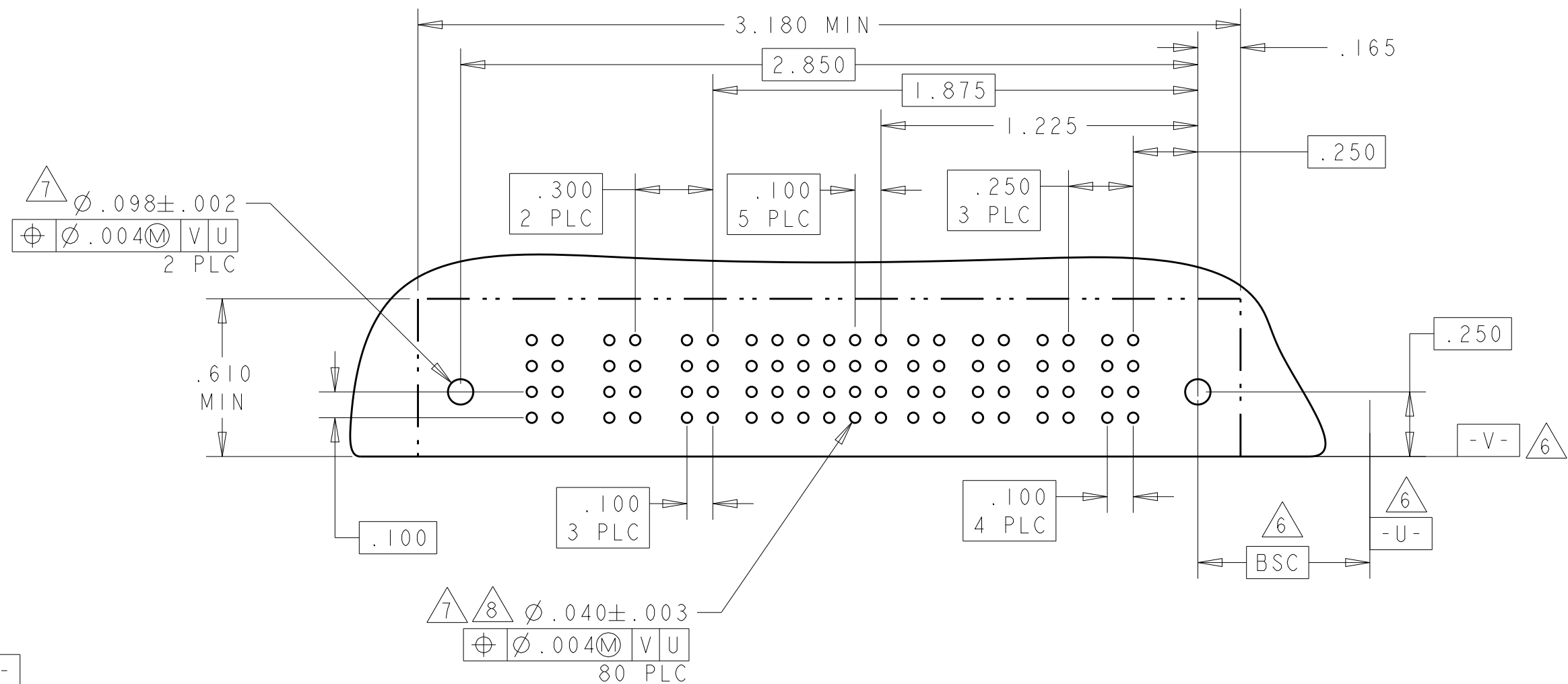
| PART NUMBER | ROWS             |                                                                                     | POWER                                                                               |                                                                                     | SIGNAL                                                                              |                                                                                     |                                                                                     |                                                                                     | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                            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|             |                  |                                                                                     | P4                                                                                  | P3                                                                                  | 4                                                                                   | 3                                                                                   | 2                                                                                   | 1                                                                                   | P2                                                                                  | P1                                                                                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                            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                                           |                                                                                      |                                                                                      |                                                                                      |                                                                                      |                                                                                      |                                                                                      |                                                                                      |                                                                                      |                                                                                      |                                                                                      |  |
| 3-6450160-1 | D<br>C<br>B<br>A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



| PART NUMBER          | ROWS             |  | POWER |     |     |    |  | SIGNAL |   |   |   |   |   | POWER |    |    |    |    |    |    |    |  |
|----------------------|------------------|--|-------|-----|-----|----|--|--------|---|---|---|---|---|-------|----|----|----|----|----|----|----|--|
|                      |                  |  | P12   | P11 | P10 | P9 |  | 6      | 5 | 4 | 3 | 2 | 1 | P8    | P7 | P6 | P5 | P4 | P3 | P2 | P1 |  |
| 3-6450160-0          | D<br>C<br>B<br>A |  |       |     |     |    |  | H      | H | H | H | H | H |       |    |    |    |    |    |    |    |  |
|                      |                  |  |       |     |     |    |  | G      | G | G | G | G | G |       |    |    |    |    |    |    |    |  |
|                      |                  |  |       |     |     |    |  | F      | F | F | F | F | F |       |    |    |    |    |    |    |    |  |
|                      |                  |  |       |     |     |    |  | E      | E | E | E | E | E |       |    |    |    |    |    |    |    |  |
| 8P + 24S + 1M + 4ACP |                  |  |       |     |     |    |  |        |   |   |   |   |   |       |    |    |    |    |    |    |    |  |



| PART NUMBER     | HOUSING P/N | ROWS             |  | POWER |    |    | SIGNAL |   |   |   |   |   | POWER |    |    |    |  |
|-----------------|-------------|------------------|--|-------|----|----|--------|---|---|---|---|---|-------|----|----|----|--|
|                 |             |                  |  | P7    | P6 | P5 | 6      | 5 | 4 | 3 | 2 | 1 | P4    | P3 | P2 | P1 |  |
| 3-6450160-2     | 3-1450190-2 | D<br>C<br>B<br>A |  | RM    | RM | RM | H      | H | H | H | H | H | RM    | RM | RM | RM |  |
|                 |             |                  |  |       |    |    | G      | G | G | G | G | G |       |    |    |    |  |
|                 |             |                  |  |       |    |    | F      | F | F | F | F | F |       |    |    |    |  |
|                 |             |                  |  |       |    |    | E      | E | E | E | E | E |       |    |    |    |  |
| 4P + 24S + 3ACP |             |                  |  |       |    |    |        |   |   |   |   |   |       |    |    |    |  |



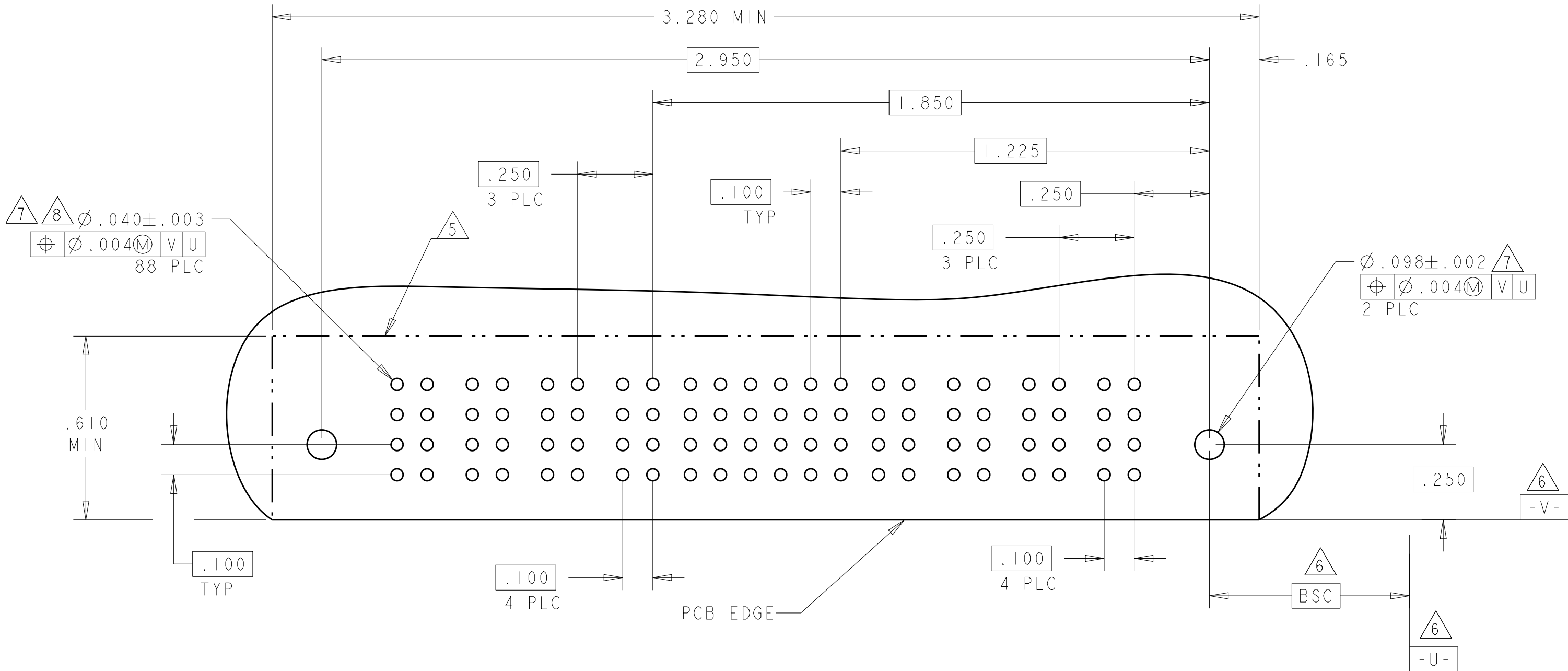
|                                           |  |                      |         |                                                                 |  |  |  |
|-------------------------------------------|--|----------------------|---------|-----------------------------------------------------------------|--|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.    |  | DWN<br>R. GRZYBOWSKI | 21FEB05 | TE Connectivity                                                 |  |  |  |
| DIMENSIONS:<br>INCHES                     |  | CHK<br>M. PERCHERKE  | 21FEB05 |                                                                 |  |  |  |
|                                           |  | APVD<br>M. PERCHERKE | 21FEB05 | NAME                                                            |  |  |  |
|                                           |  | PRODUCT SPEC         |         | RIGHT ANGLE RECEPTACLE ASSEMBLY<br>WITH GUIDES<br>MULTI-BEAM XL |  |  |  |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  | 108-1973             |         | SIZE                                                            |  |  |  |
| 0 PLC ±.01                                |  | APPLICATION SPEC     |         | CAGE CODE                                                       |  |  |  |
| 1 PLC ±.005                               |  | 114-13038            |         | DRAWING NO                                                      |  |  |  |
| 3 PLC ±.002                               |  | WEIGHT               |         | REV                                                             |  |  |  |
| 4 PLC ±.002                               |  | Customer Drawing     |         | G1                                                              |  |  |  |
| ANGLES                                    |  | SCALE                |         | 3:1                                                             |  |  |  |
| FINISH                                    |  | SHEET                |         | 7                                                               |  |  |  |
| MATERIAL                                  |  | OF                   |         | 16                                                              |  |  |  |

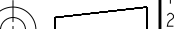
This mechanical drawing illustrates the layout of a printed circuit board (PCB) with various dimensions and tolerances. The overall width is 4.080 MIN. The layout includes a central array of circular features, likely vias or mounting holes, arranged in a grid. Key dimensions and tolerances are specified as follows:

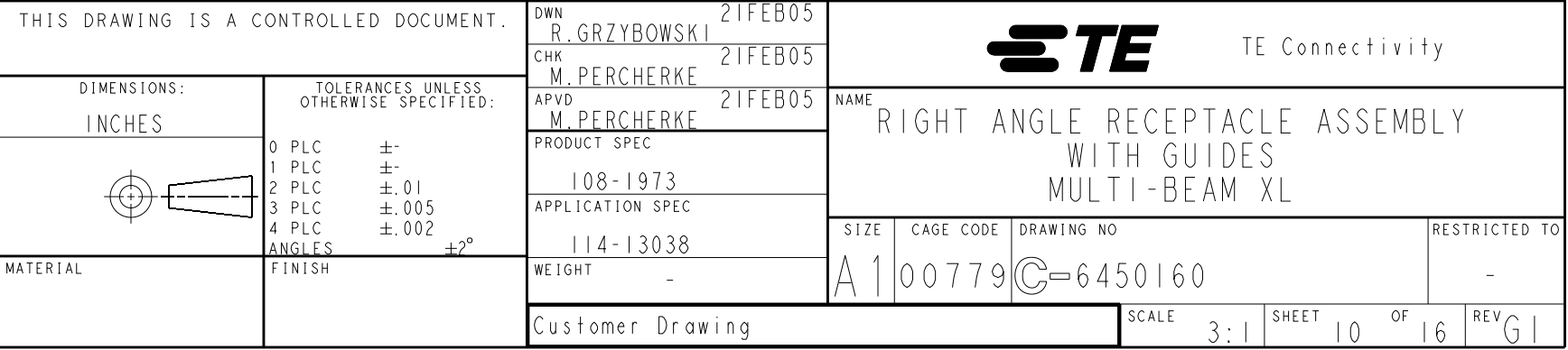
- Overall Width:** 4.080 MIN.
- Top Edge Tolerances:**
  - Left corner:  $\Delta 7$   $\varnothing .098 \pm .002$  (2 PLC)
  - Right corner:  $\Delta 6$   $\varnothing .098 \pm .002$  (2 PLC)
- Top Edge Dimensions:**
  - 3.750
  - 2.500
  - 1.875
  - .250
- Top Edge Callouts:**
  - .300 3 PLC
  - .100 5 PLC
  - .200 7 PLC
- Left Edge Dimensions:**
  - .610 MIN
  - .100 TYP
- Left Edge Callouts:**
  - $\Delta 7$   $\varnothing .040 \pm .003$  (120 PLC)
  - $\Delta 8$   $\varnothing .040 \pm .003$  (120 PLC)
- Right Edge Dimensions:**
  - .250
- Right Edge Callouts:**
  - $\Delta 6$  BSC
  - $\Delta 6$  -U-
- Internal Dimensions and Callouts:**
  - .100 4 PLC
  - .100 8 PLC
  - PCB EDGE

[illegible]4805 (3/11)

| PART NUMBER   | ROWS             |                                                                                                   | POWER                                                                               |                                                                                     |                                                                                     |    | SIGNAL |   |   |   |   | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|---------------|------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|--------|---|---|---|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|               |                  |                                                                                                   | P8                                                                                  | P7                                                                                  | P6                                                                                  | P5 | 6      | 5 | 4 | 3 | 2 | 1                                                                                   | P4                                                                                  | P3                                                                                  | P2                                                                                  |                                                                                     |
| 3-6450160-7   | D<br>C<br>B<br>A |  <div>HD</div> |  |  |  | H  | H      | H | H | H | H |  |  |  |  |  |
|               |                  |                                                                                                   |                                                                                     |                                                                                     |                                                                                     | G  | G      | G | G | G | G |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|               |                  |                                                                                                   |                                                                                     |                                                                                     |                                                                                     | F  | F      | F | F | F | F |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|               |                  |                                                                                                   |                                                                                     |                                                                                     |                                                                                     | E  | E      | E | E | E | E |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 4P + 24S + 4P |                  |                                                                                                   |                                                                                     |                                                                                     |                                                                                     |    |        |   |   |   |   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

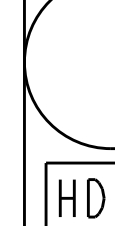
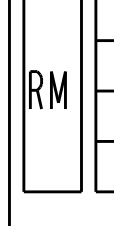
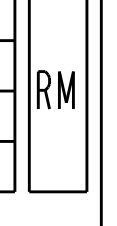
4805 (3/11)

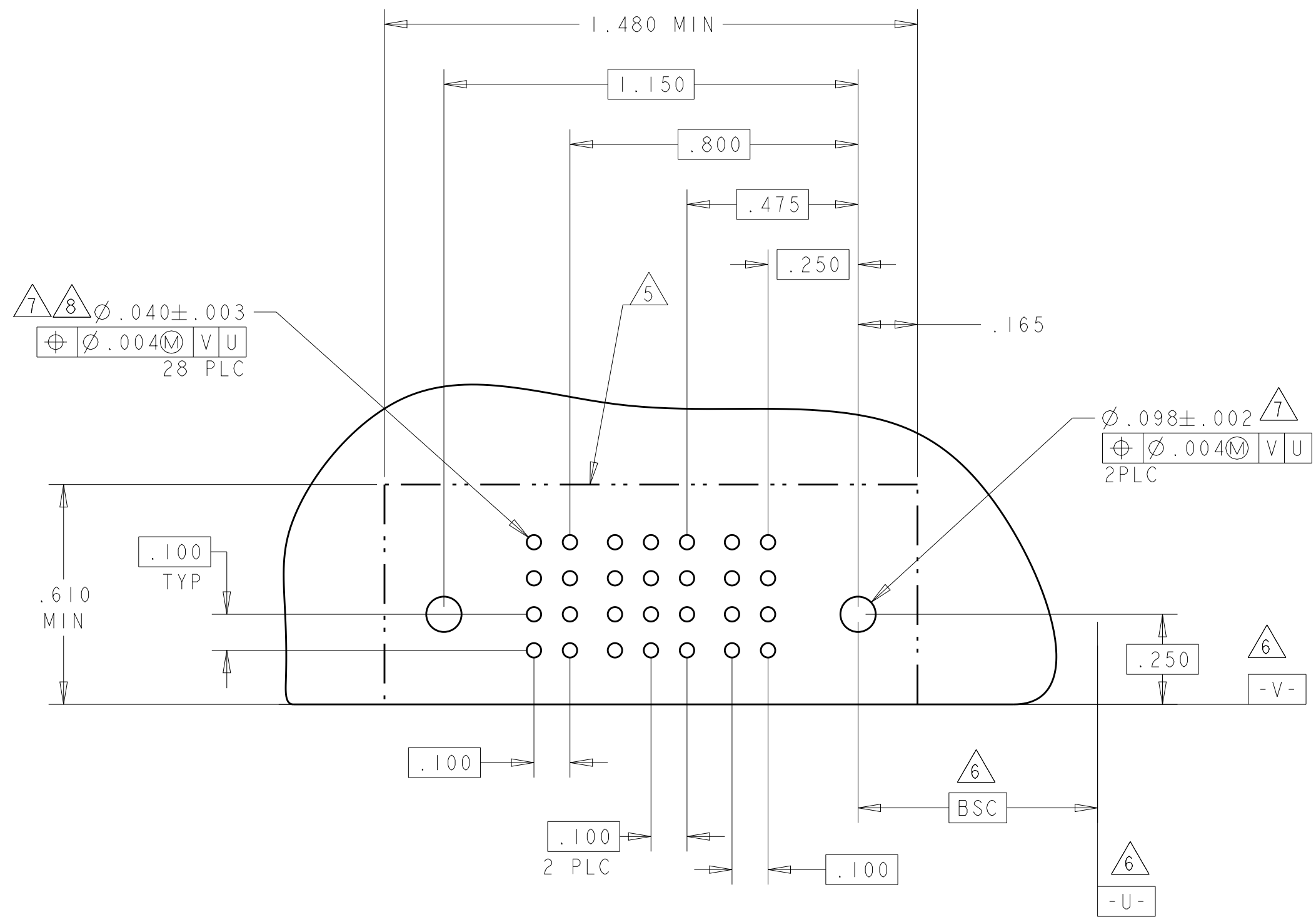
|                                                                                       |  |                                                                                      |  |  |  |                                                           |         |
|---------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|--|--|--|-----------------------------------------------------------|---------|
| THIS DRAWING IS A CONTROLLED DOCUMENT                                                 |  |                                                                                      |  |  |  | DWN<br>R.GRZYBOWSKI                                       | ZT1EB05 |
|                                                                                       |  |                                                                                      |  |  |  | CNA<br>M.PERCHEKKE                                        | ZT1EB05 |
|                                                                                       |  |                                                                                      |  |  |  | PVFD<br>M.PERCHEKKE                                       | ZT1EB05 |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                               |  |  |  | NAME                                                      |         |
| INCHES                                                                                |  |                                                                                      |  |  |  | RIGHT ANGLE RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL |         |
|  |  | 0. PLC    ±.<br>1. PLC    ±.<br>2. PLC    ±.01<br>3. PLC    ±.005<br>4. PLC    ±.002 |  |  |  | PRODUCT SPEC<br>108-1973                                  |         |
| ANGLES                                                                                |  | FIBER                                                                                |  |  |  | APPLICATION SPEC                                          |         |
|                                                                                       |  |                                                                                      |  |  |  | 114-13038                                                 |         |
| MATERIAL                                                                              |  | WEIGHT                                                                               |  |  |  | SIZE CASE CODE DRAWING NO.                                |         |
|                                                                                       |  | -                                                                                    |  |  |  | A1 00779 C=6450160                                        |         |
| Customer Drawing                                                                      |  |                                                                                      |  |  |  | RESTRICTED TO                                             |         |
|                                                                                       |  |                                                                                      |  |  |  | -                                                         |         |
| SCALE                                                                                 |  |                                                                                      |  |  |  | SHEET                                                     |         |
| 3:1                                                                                   |  |                                                                                      |  |  |  | 10 OF 16 REV G                                            |         |



4805 (3/11)

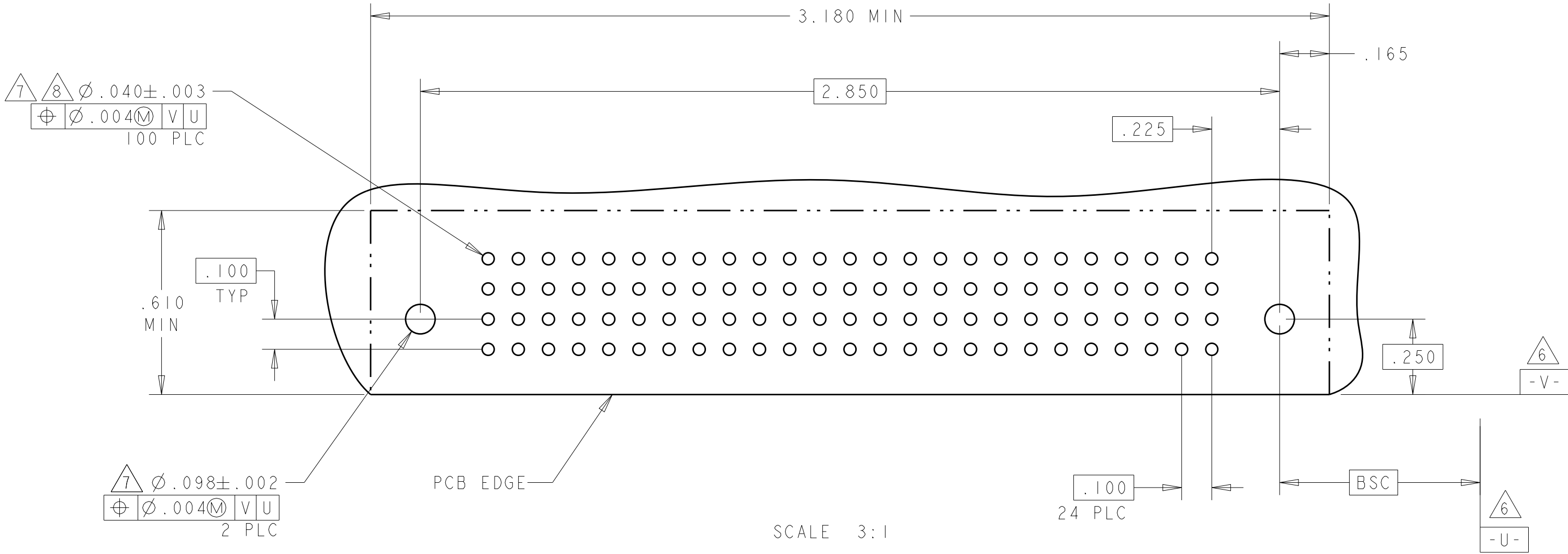


| PART NUMBER   | ROWS             |                                                                                     | POWER SIGNAL                                                                        |   |   |   | POWER                                                                               |  |  |
|---------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---|---|---|-------------------------------------------------------------------------------------|--|--|
|               |                  |                                                                                     | P2                                                                                  | 3 | 2 | 1 | P1                                                                                  |  |  |
| 4-6450160-1   | D<br>C<br>B<br>A |  |  | H | H | H |  |  |  |
|               |                  |                                                                                     |                                                                                     | G | G | G |                                                                                     |  |  |
|               |                  |                                                                                     |                                                                                     | F | F | F |                                                                                     |  |  |
|               |                  |                                                                                     |                                                                                     | E | E | E |                                                                                     |  |  |
| IP + 12S + IP |                  |                                                                                     |                                                                                     |   |   |   |                                                                                     |  |  |

4805 (3/11)

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

| PART NUMBER | ROWS |                                                                      | SIGNAL |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |                                                                      |   |
|-------------|------|----------------------------------------------------------------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|----------------------------------------------------------------------|---|
|             |      |                                                                      | 25     | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 |   | 1                                                                    |   |
| 4-6450160-4 | D    | <div><div></div><div></div><div></div><div></div><div>HD</div></div> | H      | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H | H | H | H | H | H | H | H | H | <div><div></div><div></div><div></div><div></div><div>HD</div></div> |   |
|             | C    |                                                                      | G      | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G | G | G | G | G | G | G | G | G |                                                                      |   |
|             | B    |                                                                      | F      | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F | F | F | F | F | F | F | F | F |                                                                      | F |
|             | A    |                                                                      | E      | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E | E | E | E | E | E | E | E | E |                                                                      | E |
| 100S        |      |                                                                      |        |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |                                                                      |   |

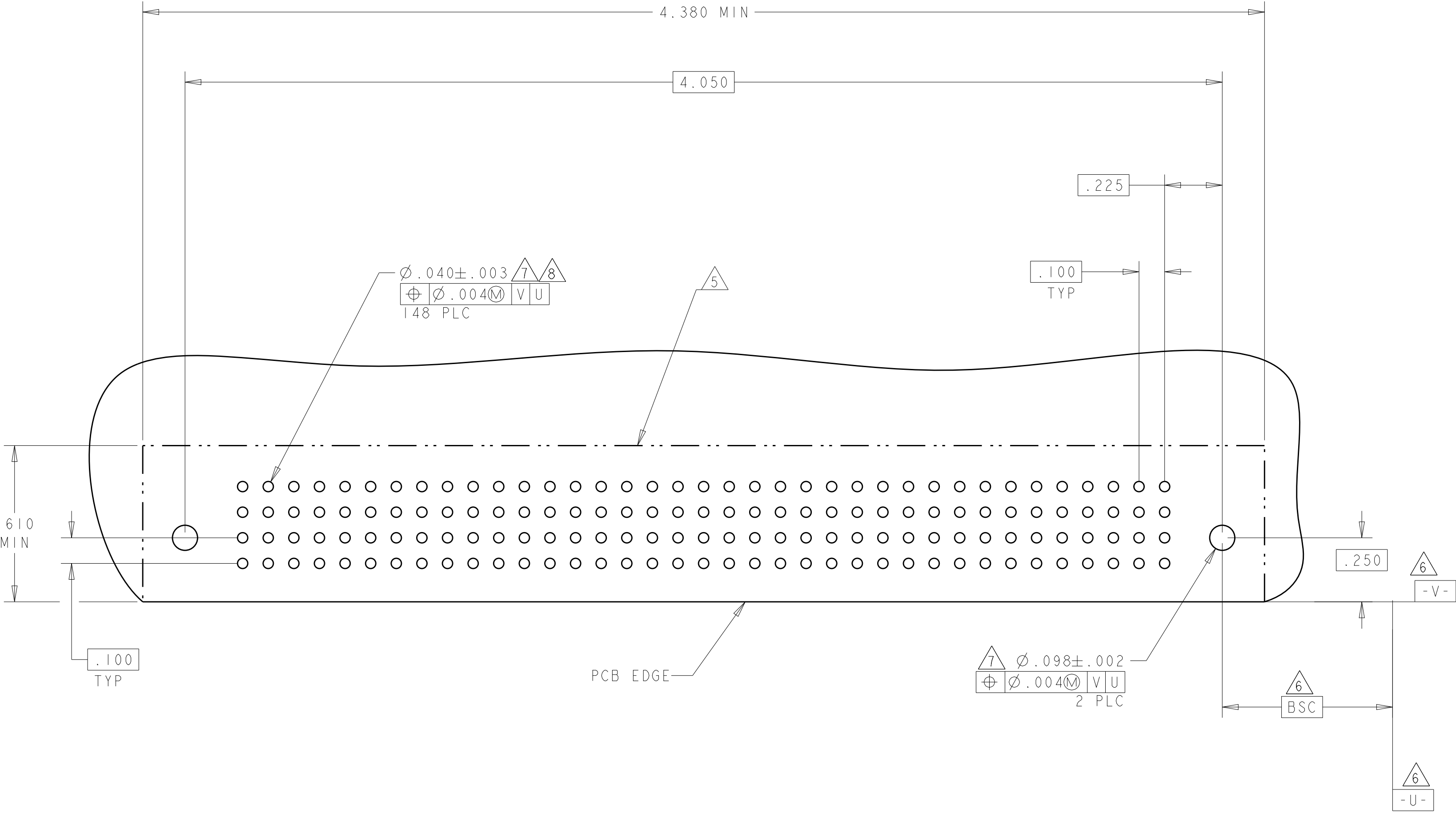
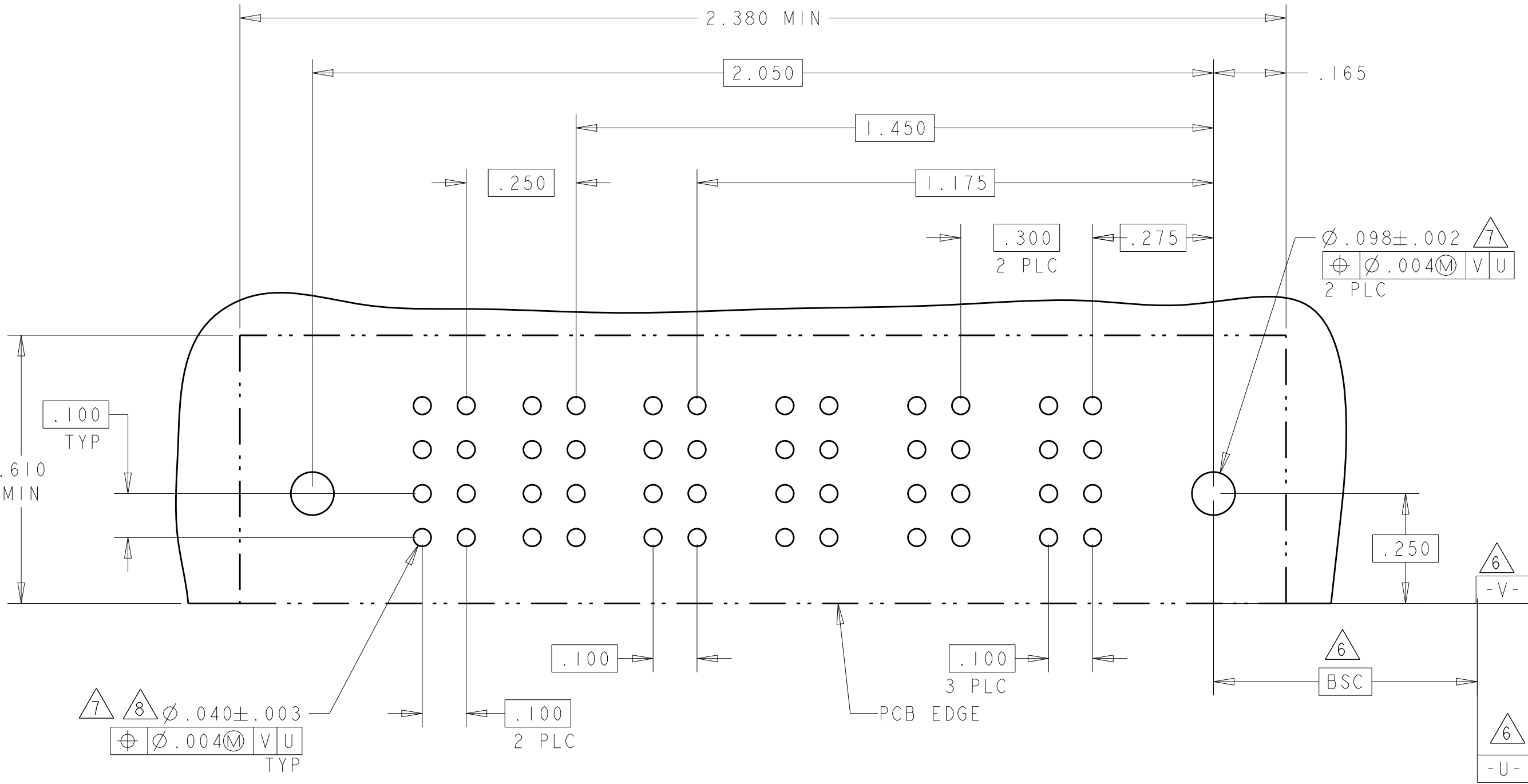


|                                                                                       |                                                                                                                        |                               |                                                                                                       |                |                   |               |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------|----------------|-------------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                                                                                                        | DWN R.GRZYBOWSKI 21FEB05      |  TE Connectivity |                |                   |               |
| DIMENSIONS:<br>INCHES                                                                 |                                                                                                                        | CHK M.PERCHERKE 21FEB05       |                                                                                                       |                |                   |               |
|  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br><br>1 P/LC ±.01<br>2 P/LC ±.01<br>3 P/LC ±.005<br>4 P/LC ±.002<br>ANGLES ±2° | APVD M.PERCHERKE 21FEB05      | NAME<br>RIGHT ANGLE RECEPTACLE ASSEMBLY<br>WITH GUIDES<br>MULTI-BEAM XL                               |                |                   |               |
|                                                                                       |                                                                                                                        | PRODUCT SPEC<br>108-1973      |                                                                                                       |                |                   |               |
|                                                                                       |                                                                                                                        | APPLICATION SPEC<br>114-13038 | SIZE                                                                                                  | CAGE CODE      | DRAWING NO.       | RESTRICTED TO |
|                                                                                       |                                                                                                                        | MATERIAL                      | FINISH                                                                                                | WEIGHT -       | A 100779C=6450160 |               |
| Customer Drawing                                                                      |                                                                                                                        |                               | SCALE 3:1                                                                                             | SHEET 14 OF 16 | REV G1            |               |

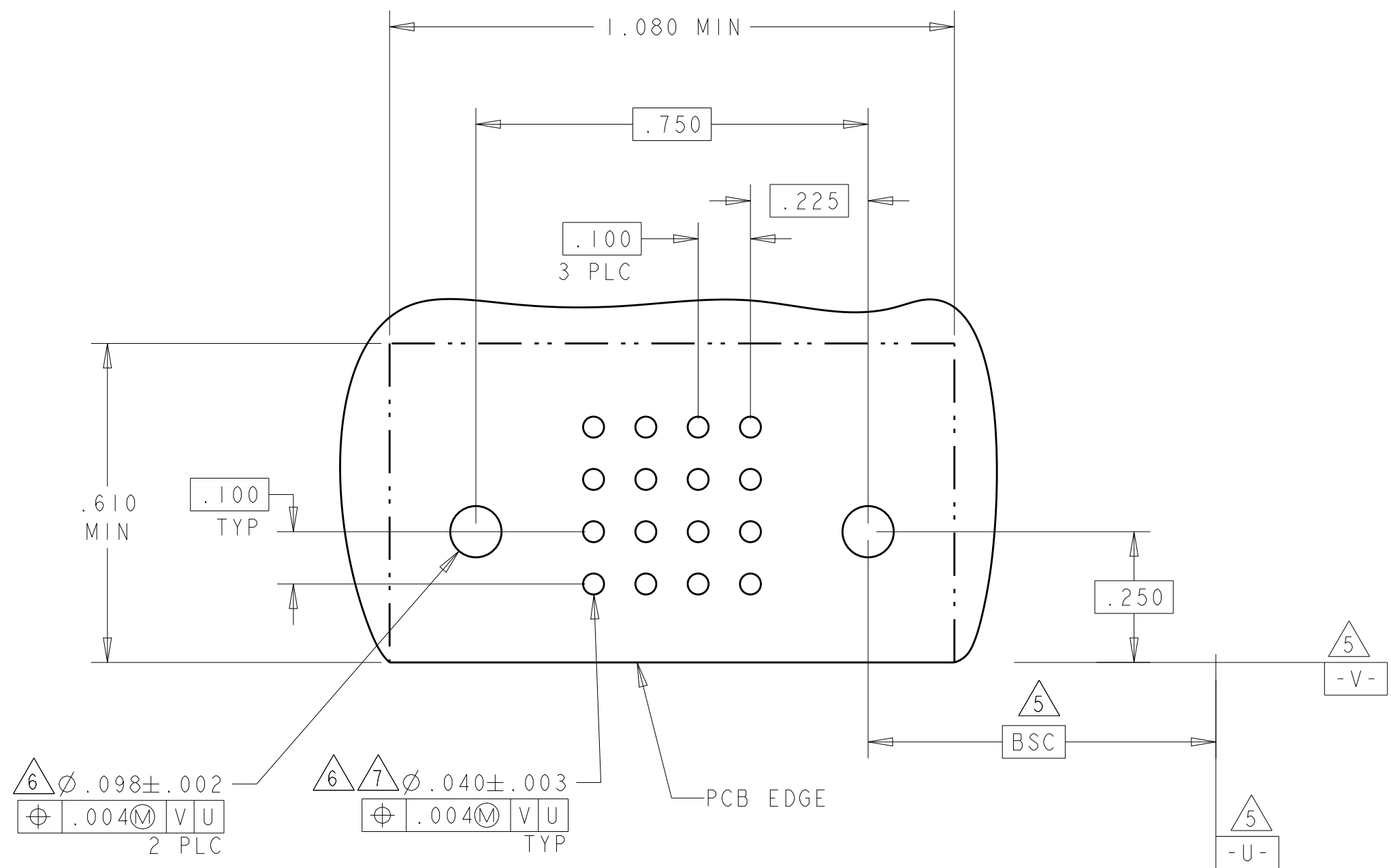
| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| GP  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      | -         | -   | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |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

| PART NUMBER    | ROWS |    | POWER |    | SIGNAL |   | POWER |    |    |    |
|----------------|------|----|-------|----|--------|---|-------|----|----|----|
|                |      |    | P5    | P4 | 2      | 1 | P3    | P2 | P1 |    |
| 2-6450160-7    | D    |    | RM    | RM | H      | H | RM    | RM | RM |    |
|                | C    |    |       |    | G      | G |       |    |    |    |
|                | B    |    |       |    | F      | F |       |    |    |    |
|                | A    |    |       |    | E      | E |       |    |    |    |
| 3ACP + 8S + 2P |      | HD |       |    |        |   |       |    |    | HD |

| PART NUMBER | ROWS |  | SIGNAL |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |   |  |  |  |    |
|-------------|------|--|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|--|--|--|----|
|             |      |  | 37     | 36 | 35 | 34 | 33 | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |   |  |  |  |    |
| 4-6450160-6 | D    |  | H      | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H  | H | H | H | H | H | H | H | H | H | H |  |  |  |    |
|             | C    |  | G      | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G  | G | G | G | G | G | G | G | G |   |   |  |  |  |    |
|             | B    |  | F      | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F  | F | F | F | F | F | F | F | F |   |   |  |  |  |    |
|             | A    |  | E      | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E  | E | E | E | E | E | E | E | E | E |   |  |  |  |    |
| 148S        |      |  |        |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |   |  |  |  | HD |



| PART NUMBER | ROWS |                                                                                     | SIGNAL |   |   |   |
|-------------|------|-------------------------------------------------------------------------------------|--------|---|---|---|
|             |      |                                                                                     | 4      | 3 | 2 | 1 |
| 4-6450160-9 | D    |  | H      | H | H | H |
|             | C    |                                                                                     | G      | G | G | G |
|             | B    |                                                                                     | F      | F | F | F |
|             | A    |                                                                                     | E      | E | E | E |
|             |      | HD                                                                                  |        |   |   |   |

4805 (3/11)

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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