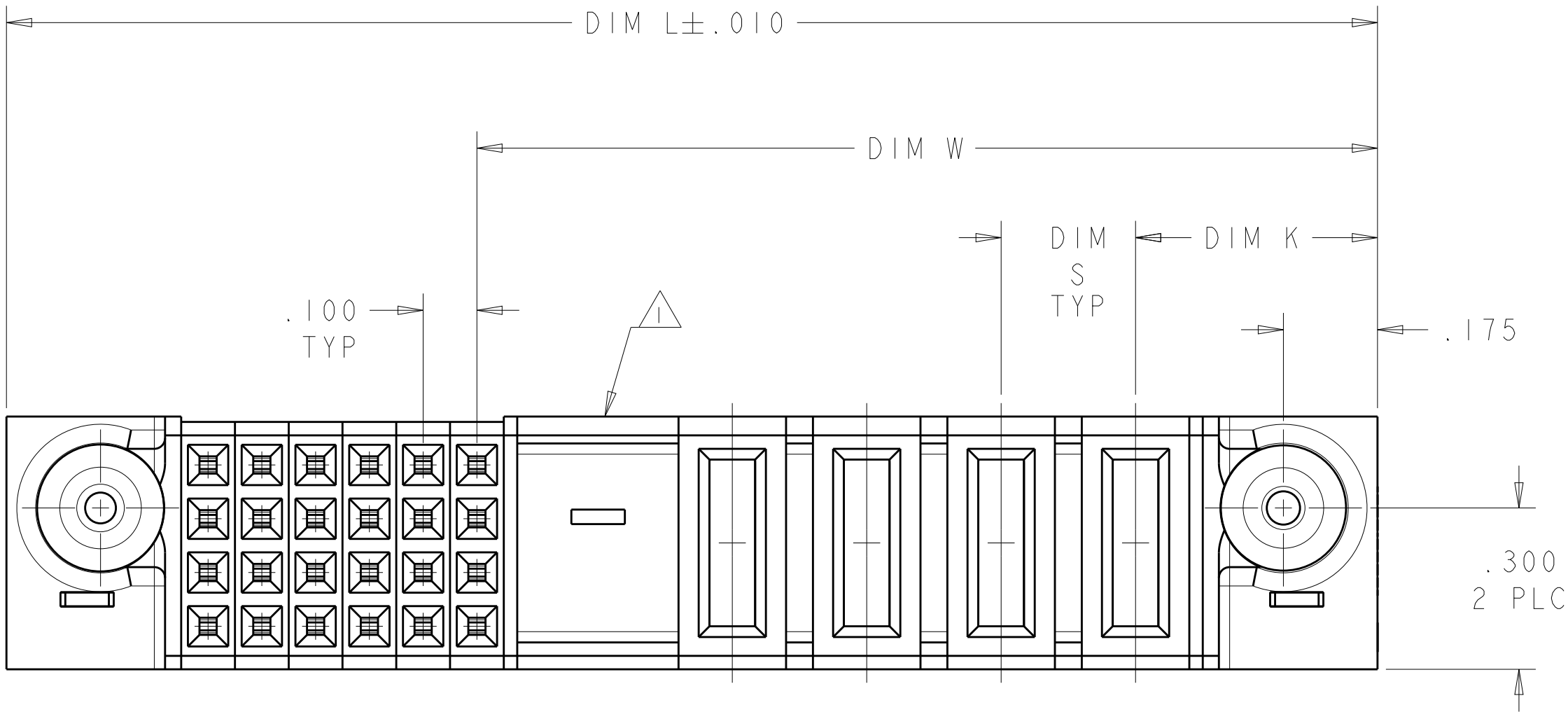
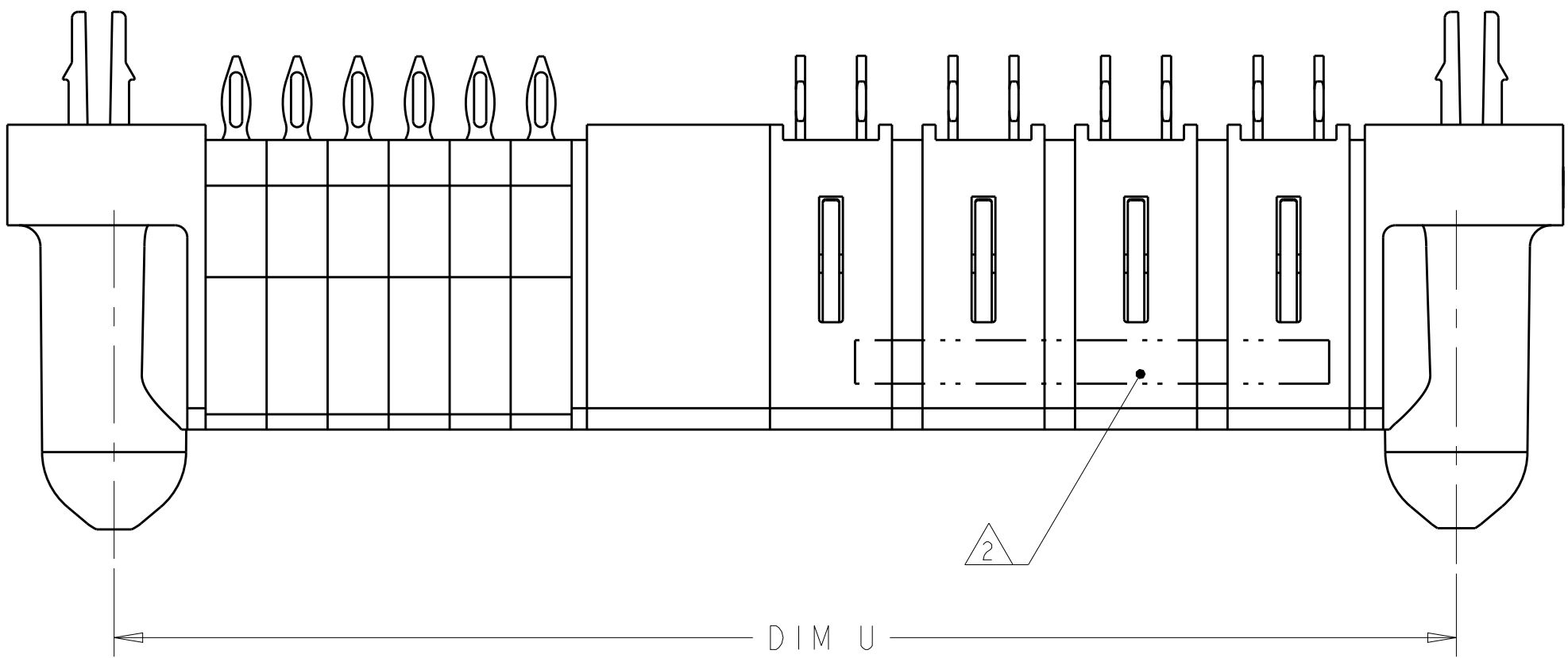
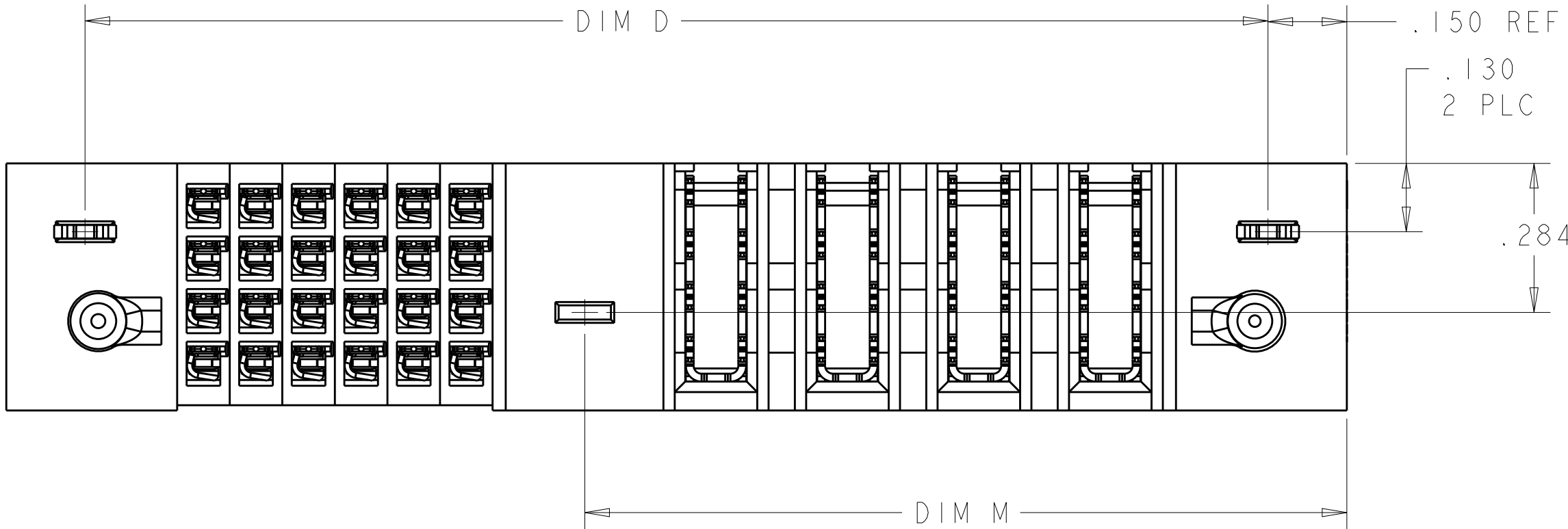
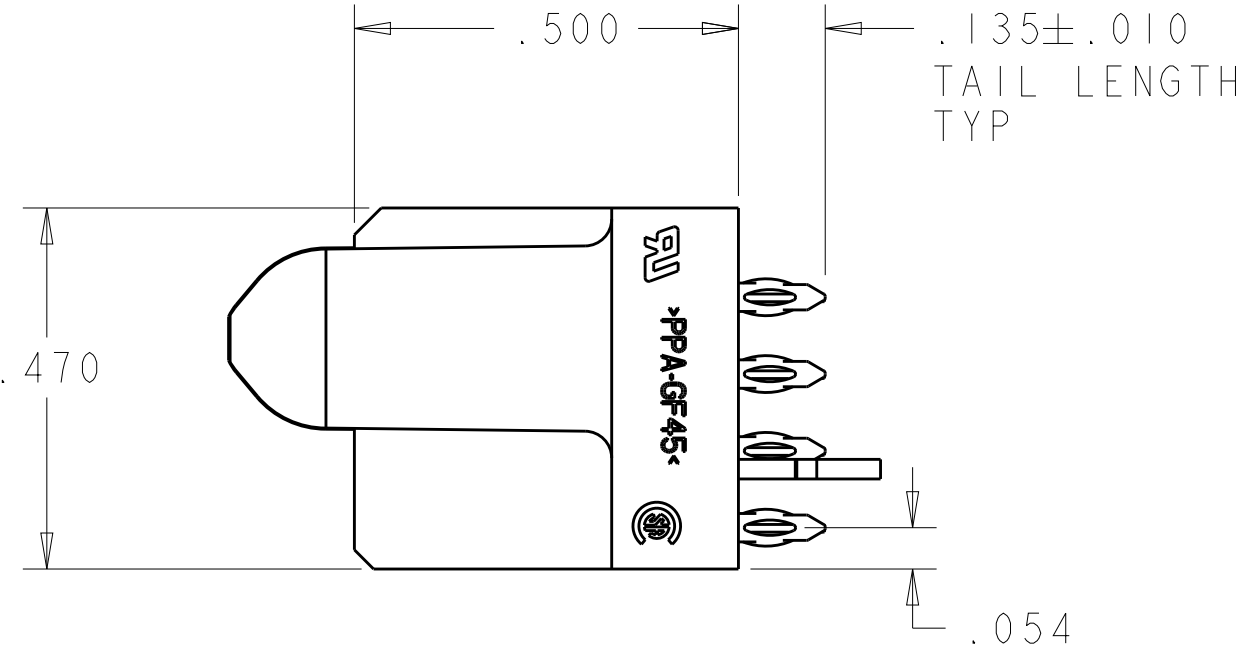


| LOC | DIST | REVISIONS |     |                          |           |     |      |
|-----|------|-----------|-----|--------------------------|-----------|-----|------|
|     |      | P         | LTR | DESCRIPTION              | DATE      | DWN | APVD |
| ES  | 00   |           | F2  | REV PER ECR-11-021537    | 24OCT2011 | CZ  | SZ   |
|     |      |           | F3  | ADDED THE DASH NUMBER -2 | 19JAN2012 | ML  | SZ   |
|     |      |           | F4  | ADVISED                  | 19MAR2013 | ML  | SZ   |
|     |      |           |     |                          |           |     |      |



- 1 OPTIONAL CENTER MODULE, WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE
- 2 "AMP", PART NUMBER, AND DATE CODE TO BE MARKED IN AREA SHOWN, FAR SIDE
- 3 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0  
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY  
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 4 CONTACT PLATING:  
NOBLE METAL PLATED ON THE CONTACT FUNCTIONAL AREA  
OF POWER AND SIGNAL CONTACTS.
- 5 MECHANICAL CONNECTOR KEEP OUT ZONE
- 6 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- 7 PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
- 8 PCB - .0453 +/- .0010 DRILLED HOLES PLATED WITH .0003 MIN Sn  
OVER .001 TO .003 PLATING TO ACHIEVE A .040 DIA HOLE
- 9 VARIABLE DIMENSIONS SHOWN ON VIEW ( SHEETS 4 AND 5).
- 10 NOT RELEASE FOR PRODUCTION.



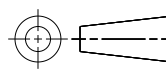
|                                        |                                                                                                |                                                                  |                    |                                                                         |                              |
|----------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------|------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                                | DWN<br>R.GRZYBOWSKI<br>CHK<br>M.PERCHERKE<br>APVD<br>M.PERCHERKE | 24JAN05<br>24JNA05 | TE Connectivity                                                         |                              |
| DIMENSIONS:<br>INCHES                  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                                      | PRODUCT SPEC<br>108-1973                                         | NAME               | VERTICAL RECEPTACLE ASSEMBLY<br>WITH GUIDES, PRESS FIT<br>MULTI-BEAM XL |                              |
|                                        | 0 PLC ±.01<br>1 PLC ±.01<br>2 PLC ±.01<br>3 PLC ±.005<br>4 PLC ±.0020<br>ANGLES ±.2°<br>FINISH | APPLICATION SPEC<br>114-13038                                    | SIZE<br>A1         | CAGE CODE<br>00779                                                      | RESTRICTED TO<br>-           |
| MATERIAL<br>3                          | 4                                                                                              | WEIGHT<br>-                                                      | CUSTOMER DRAWING   | SCALE<br>4:1                                                            | SHEET<br>1 OF 8<br>REV<br>F5 |

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

|    |                |   |       |       |      |       |       |      |                 |             |
|----|----------------|---|-------|-------|------|-------|-------|------|-----------------|-------------|
| F1 | NO             | - | -     | 1.900 | .250 | 1.375 | 2.250 | .450 | 4P + 24S        | 2-6450552-0 |
| F  | NO             | - | -     | 2.950 | .200 | 2.425 | 3.300 | .450 | 10HDP + 24S     | 1-6450552-9 |
| F  | YES            | - | 1.900 | 1.850 | .250 | 1.825 | 2.200 | .450 | 7HDP + 4S       | 1-6450552-8 |
|    | NO             | - | -     | 4.600 | .250 | 3.875 | 4.950 | .450 | 14P + 32S       | 1-6450552-2 |
|    | NO             | - | -     | 5.100 | -    | 2.375 | 5.450 | .450 | 8P + 112S       | 1-6450552-0 |
|    | NO             | - | -     | 3.800 | -    | 3.175 | 4.150 | .450 | 12P + 28S       | 6450552-9   |
| F2 | NO             | - | -     | 2.275 | -    | 1.750 | 2.625 | .450 | 5P + 24S        | 6450552-8   |
|    | NO             | - | -     | 2.825 |      | 2.300 | 3.175 | .475 | 3ACP + 4P + 24S | 6450552-7   |
|    | NO             | - | -     | 2.900 | .250 | 2.375 | 3.250 | .450 | 8P + 24S        | 6450552-6   |
|    | NO             | - | -     | 3.225 |      | 2.675 | 3.575 | .525 | 3ACP + 6P + 24S | 6450552-5   |
|    | NO             | - | -     | 2.900 | .250 | 2.375 | 3.250 | .450 | 8P + 24S        | 6450552-4   |
| F3 | NO             | - | 3.150 | 3.100 | .250 | .875  | 3.450 | .450 | 2P + 92S        | 6450552-2   |
|    | NO             | - | -     | 2.925 | .250 | 2.375 | 3.275 | .450 | 8P + 24S        | 6450552-1   |
|    | RETENTION CLIP | M | D     | U     | S    | W     | L     | K    | DESCRIPTION     | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES



MATERIAL  
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.1  
1 PLC ±.01  
2 PLC ±.005  
3 PLC ±.002  
4 PLC ±.0020  
ANGLES ±2°  
FINISH -

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN R.GRZYBOWSKI 24JAN05  
CHK M.PERCHERKE 24JNA05  
APVD M.PERCHERKE -

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

CUSTOMER DRAWING

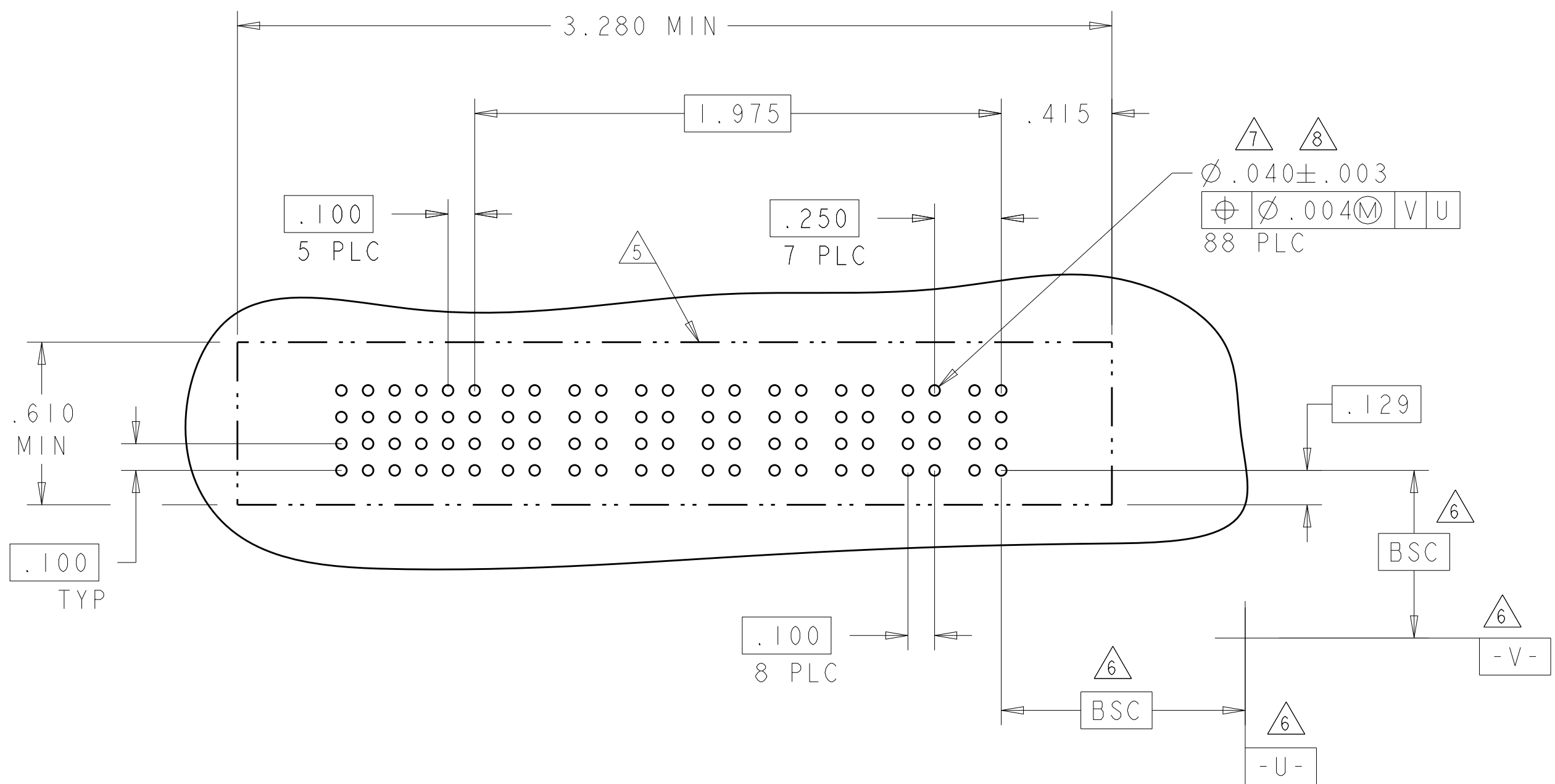
TE Connectivity

VERTICAL RECEPTACLE ASSEMBLY  
WITH GUIDES, PRESS FIT  
MULTI-BEAM XL

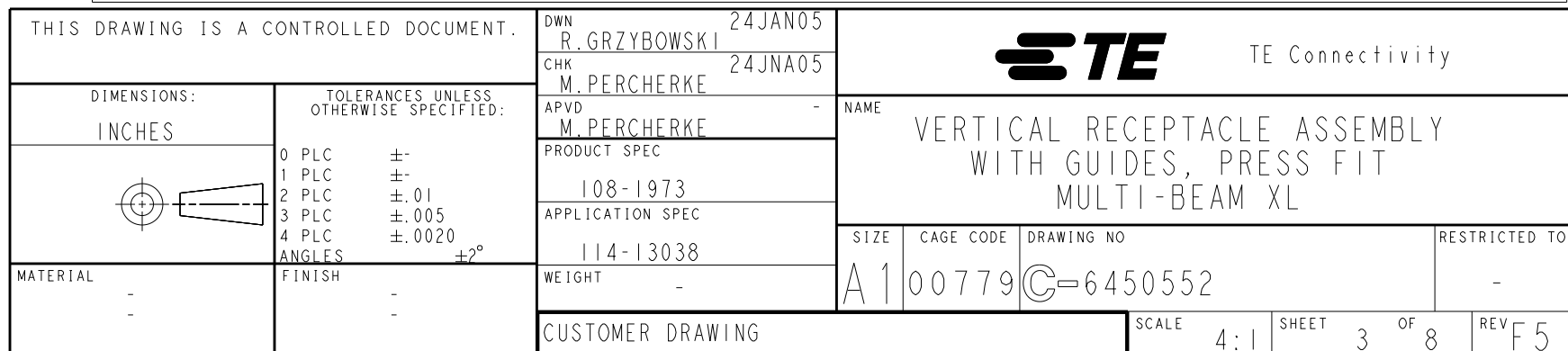
SIZE A100779  
CAGE CODE  
DRAWING NO 6450552  
RESTRICTED TO -

SCALE 4:1  
SHEET 2 OF 8  
REV F5

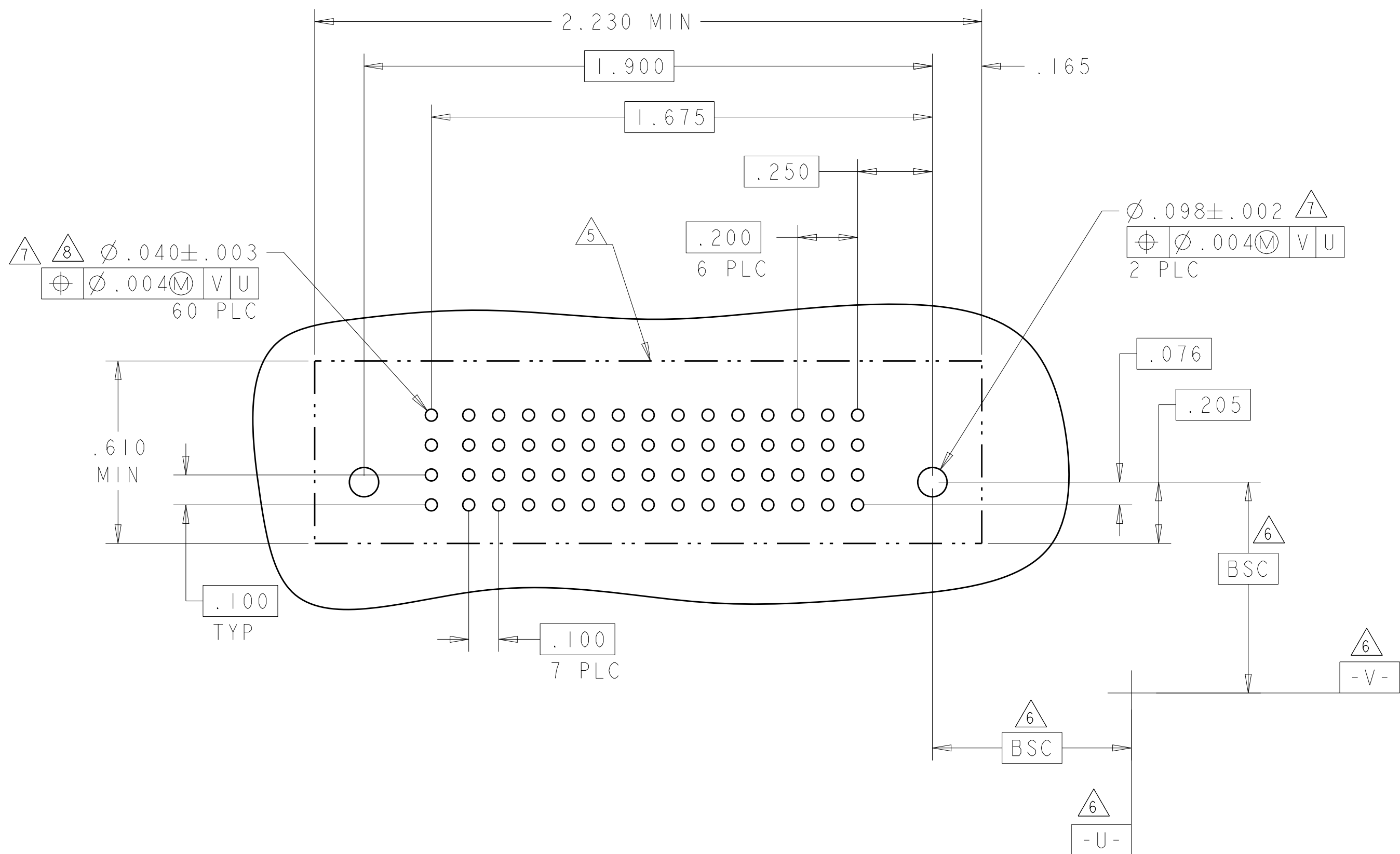
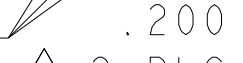
| PART NUMBER | ROWS             |                                                                                     | SIGNAL |    |    |    |    |    |    | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |    |    |    |    |    |    |
|-------------|------------------|-------------------------------------------------------------------------------------|--------|----|----|----|----|----|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|----|----|----|----|----|----|
|             |                  |                                                                                     | 6      | 5  | 4  | 3  | 2  | 1  | P8 | P7                                                                                  | P6                                                                                  | P5                                                                                  | P4                                                                                  | P3                                                                                  | P2                                                                                  | P1                                                                                  |    |    |    |    |    |    |    |
| 6450552-6   | D<br>C<br>B<br>A |  | AP     | AP | AP | AP | AP | AP | AP |  |  |  |  |  |  |  |    |    |    |    |    |    |    |
|             |                  |                                                                                     | AP     | AP | AP | AP | AP | AP | GS |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | GS | GP | GP | GP | GP | GS | GS |
|             |                  |                                                                                     | AP     | AP | AP | AP | AP | AP |    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |    |    |    |    |    |    |
|             |                  |                                                                                     | AP     | AP | AP | AP | AP | AP |    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |    |    |    |    |    |    |
| 8P + 24S    |                  |                                                                                     |        |    |    |    |    |    |    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |    |    |    |    |    |    |



|         |             |                        |         |
|---------|-------------|------------------------|---------|
| BP      | .165        | SIGNAL PRESS FIT       | A.B.C.D |
| AP      | .135        | SIGNAL PRESS FIT       | A.B.C.D |
| HP      | .165        | POWER PRESS FIT (MFBL) |         |
| HS      | .165        | POWER PRESS FIT (STD)  |         |
| GP      | .135        | POWER PRESS FIT (MFBL) | -       |
| GS      | .135        | POWER PRESS FIT (STD)  | -       |
| CODE    | TAIL LENGTH | DESCRIPTION            | ROW     |
| CONTACT |             |                        |         |



| PART NUMBER | ROWS             |                                                                                     | SIGNAL | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |
|-------------|------------------|-------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|             |                  |                                                                                     | I      | P7                                                                                  | P6                                                                                  | P5                                                                                  | P4                                                                                  | P3                                                                                  | P2                                                                                  | P1                                                                                  |                                                                                     |  |
| 1-6450552-8 | D<br>C<br>B<br>A |  | AP     |  |  |  |  |  |  |  |                                                                                     |  |
|             |                  |                                                                                     | AP     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |
|             |                  |                                                                                     | AP     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |
|             |                  |                                                                                     | AP     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |
| 7HDP + 4S   |                  |  |        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |  |



|                                                                                       |        |                                                                     |                                                                                   |                                                                                                       |                                                                   |
|---------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |        | DWG<br>R. GRZYBOWSKI                                                | 24JAN05                                                                           |                                                                                                       |                                                                   |
|                                                                                       |        | CHEG<br>M. PERCHERKE                                                | 24JAN05                                                                           |  TE Connectivity |                                                                   |
| DIMENSIONS:<br><br>INCHES                                                             |        | TOLERANCES UNLESS OTHERWISE SPECIFIED:                              |                                                                                   | NAME                                                                                                  | VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES, PRESS FIT MULTI-BEAM XL |
|  |        | Ø PLC ± .01<br>PLC ± .01<br>PLC ± .005<br>PLC ± .002<br>ANGLES ± 0° | FIND<br>M. PERCHERKE<br>PRODUCT SPEC<br>108-1973<br>APPLICATION SPEC<br>114-13038 | SIZE                                                                                                  | CAGE CODE<br>DRAWING NO                                           |
| MATERIAL                                                                              | FINISH | WEIGHT                                                              | CUSTOMER DRAWING                                                                  | A100779                                                                                               | C=6450552                                                         |
| -                                                                                     | -      | -                                                                   | -                                                                                 | RESTRICTED TO                                                                                         | -                                                                 |
|                                                                                       |        |                                                                     | SCALE                                                                             | 4:1                                                                                                   | SHEET 4 OF 8 REV F5                                               |

[illegible]

4.980 MIN

3.475

.415

.100  
7 PLC

.250  
13 PLC

Ø.040±.003  
144 PLC

.129

.100  
14 PLC

.610 MIN

.100  
TYP

BSC

BSC

-U-

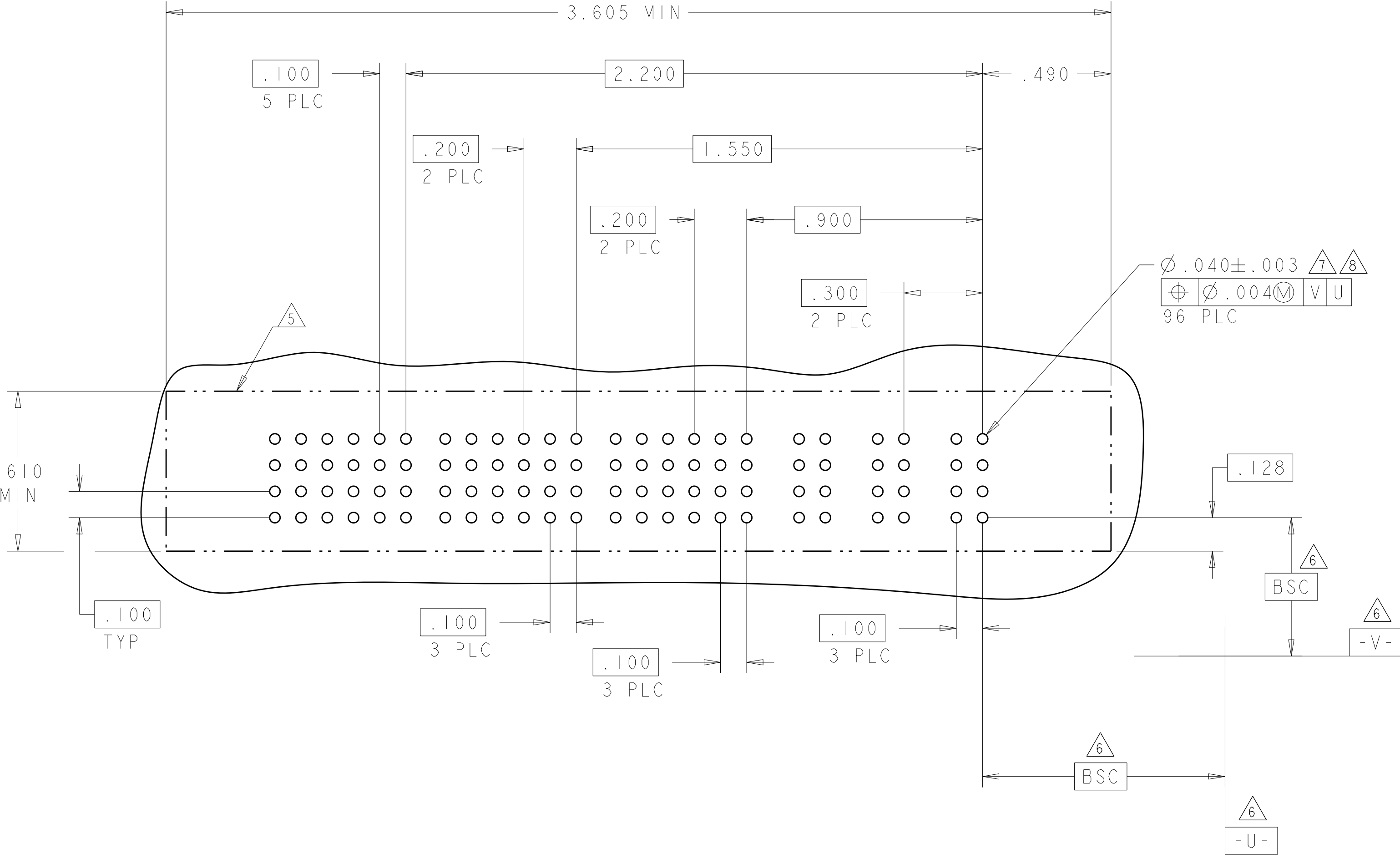
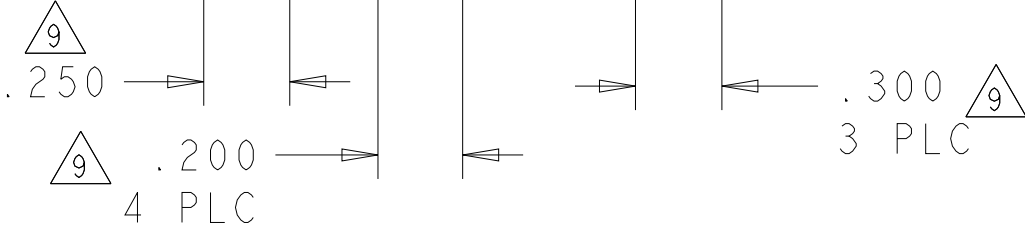
-U-

-V-

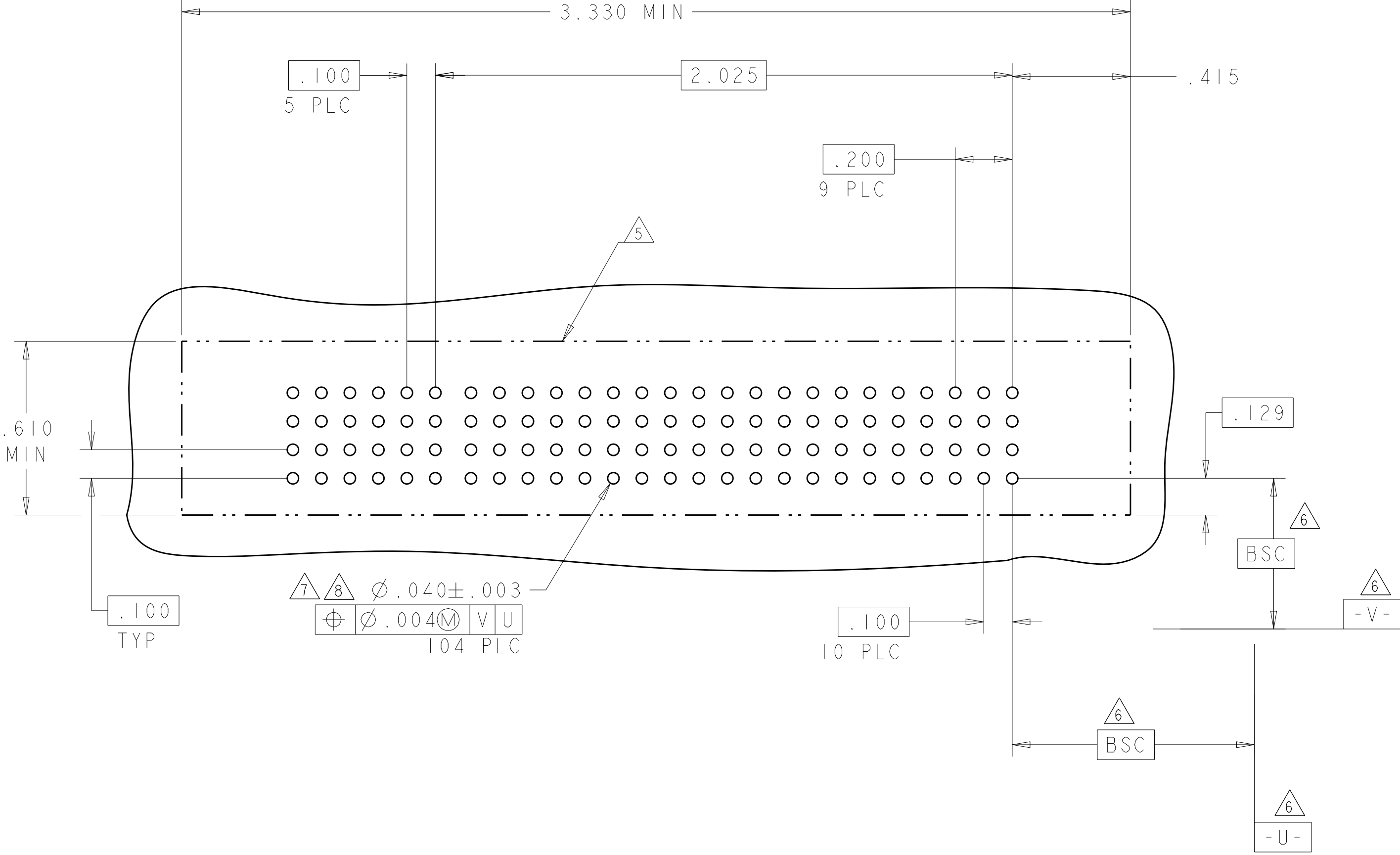
|                                        |  |                                        |  |                  |  |
|----------------------------------------|--|----------------------------------------|--|------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>R. GRZYBOWSKI<br>24JAN05        |  |                  |  |
|                                        |  | CHK<br>M. PERCHERKE<br>24JAN05         |  |                  |  |
| DIMENSIONS:<br>INCHES                  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | NAME             |  |
|                                        |  | 0 PLC ±.                               |  | PRODUCT SPEC     |  |
|                                        |  | 1 PLC ±.01                             |  | 108-1973         |  |
|                                        |  | 2 PLC ±.005                            |  | APPLICATION SPEC |  |
|                                        |  | 3 PLC ±.002                            |  | 114-13038        |  |
| MATERIAL                               |  | FINISH                                 |  | WEIGHT           |  |
| -                                      |  | -                                      |  | -                |  |
| CUSTOMER DRAWING                       |  |                                        |  | RESTRICTED TO    |  |
| SCALE 4:1                              |  |                                        |  | SHEET 5 OF 8     |  |

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

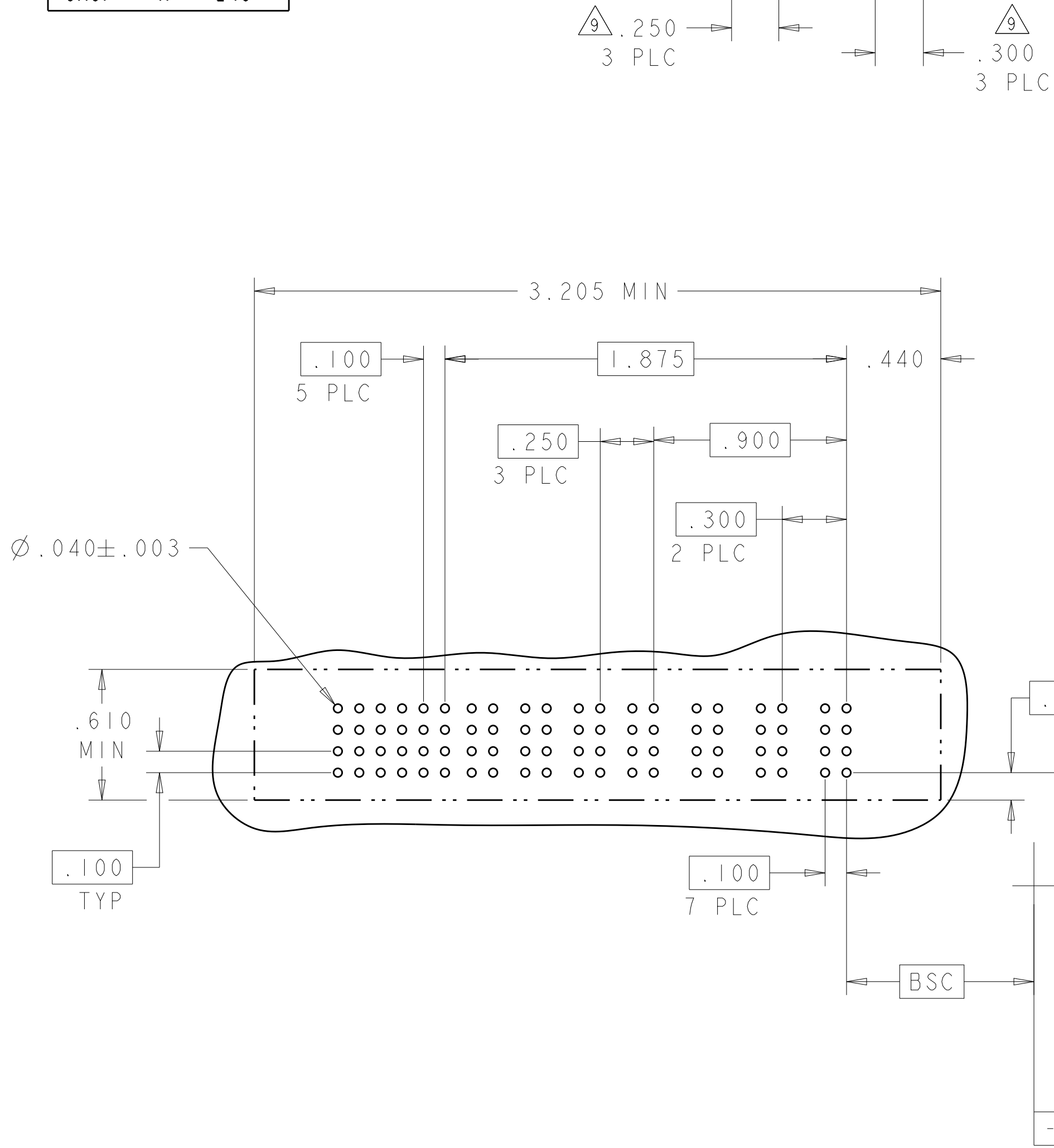
| PART NUMBER | ROWS             |                                   | SIGNAL |   |   |   |   |   |    | POWER |    |    |    |    |    |    |    |   |                                   |
|-------------|------------------|-----------------------------------|--------|---|---|---|---|---|----|-------|----|----|----|----|----|----|----|---|-----------------------------------|
|             |                  |                                   | 6      | 5 | 4 | 3 | 2 | 1 | P9 | P8    | P7 | P6 | P5 | P4 | P3 | P2 | P1 |   |                                   |
| 6450552-5   | D<br>C<br>B<br>A | <div><div></div><div></div></div> | B      | P | B | P | B | P | B  | P     | B  | P  | B  | P  | B  | P  | B  | P | <div><div></div><div></div></div> |
|             |                  |                                   | B      | P | B | P | B | P | B  | P     | B  | P  | B  | P  | B  | P  | B  | P |                                   |
|             |                  |                                   | B      | P | B | P | B | P | B  | P     | B  | P  | B  | P  | B  | P  | B  | P |                                   |
|             |                  |                                   | B      | P | B | P | B | P | B  | P     | B  | P  | B  | P  | B  | P  | B  | P |                                   |
|             |                  |                                   |        |   |   |   |   |   |    |       |    |    |    |    |    |    |    |   |                                   |



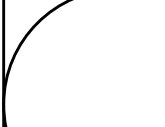
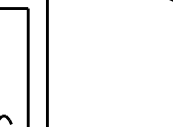
| PART NUMBER | ROWS             |                                                                                     | SIGNAL |   |   |   |   |   |     | POWER |    |    |    |    |    |    |    |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------|------------------|-------------------------------------------------------------------------------------|--------|---|---|---|---|---|-----|-------|----|----|----|----|----|----|----|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|             |                  |                                                                                     | 6      | 5 | 4 | 3 | 2 | 1 | PI0 | P9    | P8 | P7 | P6 | P5 | P4 | P3 | P2 |   | PI |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1-6450552-9 | D<br>C<br>B<br>A |  | A      | P | A | P | A | P | A   | P     | A  | P  | A  | P  | A  | P  | A  | P | A  | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | A |



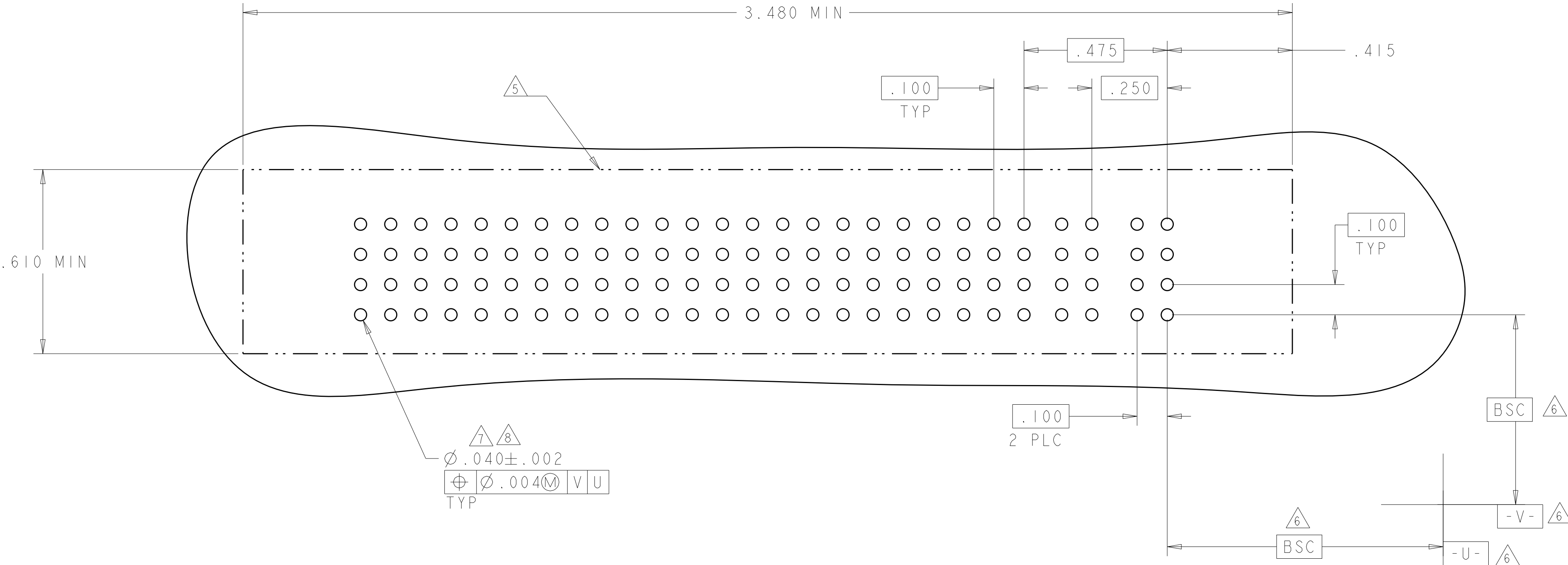
| PART NUMBER     | ROWS             |                                                                                     | SIGNAL |   |   |   |   |   |    | POWER |    |    |    |    |    |   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-----------------|------------------|-------------------------------------------------------------------------------------|--------|---|---|---|---|---|----|-------|----|----|----|----|----|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                 |                  |                                                                                     | 6      | 5 | 4 | 3 | 2 | 1 | P7 | P6    | P5 | P4 | P3 | P2 | P1 |   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 6450552-7       | D<br>C<br>B<br>A |  | A      | P | A | P | A | P | A  | P     | A  | P  | A  | P  | A  | P |  |  |  |  |  |  |  |  |
|                 |                  |                                                                                     | A      | P | A | P | A | P | A  | P     | A  | P  | A  | P  | A  | P |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                 |                  |                                                                                     | A      | P | A | P | A | P | A  | P     | A  | P  | A  | P  | A  | P |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                 |                  |                                                                                     | A      | P | A | P | A | P | A  | P     | A  | P  | A  | P  | A  | P |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 3ACP + 4P + 24S |                  |                                                                                     |        |   |   |   |   |   |    |       |    |    |    |    |    |   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |



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

| PART NUMBER | ROWS             |                                                                                   | S I G N A L |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | POWER |    |                                                                                     |    |    |
|-------------|------------------|-----------------------------------------------------------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|----|-------------------------------------------------------------------------------------|----|----|
|             |                  |                                                                                   | 23          | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9  | 8  | 7  | 6  | 5  | 4  | 3  | 2  | 1  | P2    | P1 |                                                                                     |    |    |
| 6450552-2   | D<br>C<br>B<br>A |  | AP          | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | GP    | GS |  |    |    |
|             |                  |                                                                                   | AP          | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP |       |    |                                                                                     | AP |    |
|             |                  |                                                                                   | AP          | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP |       |    |                                                                                     | AP | AP |
|             |                  |                                                                                   | AP          | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP |       |    |                                                                                     | AP | AP |
| 2P + 92S    |                  |                                                                                   |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |                                                                                     |    |    |

F3



|                                        |  |                                           |         |                     |                                                                         |
|----------------------------------------|--|-------------------------------------------|---------|---------------------|-------------------------------------------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>R.GRZYBOWSKI                       | 24JAN05 | TE Connectivity     |                                                                         |
|                                        |  | CHK<br>M.PERCHEKKE                        | 24JNA05 |                     |                                                                         |
| DIMENSIONS:<br>INCHES                  |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |         | NAME                | VERTICAL RECEPTACLE ASSEMBLY<br>WITH GUIDES, PRESS FIT<br>MULTI-BEAM XL |
|                                        |  | 0 PLC ±"                                  |         | APVD<br>M.PERCHEKKE |                                                                         |
|                                        |  | 1 PLC ±.01                                |         | PRODUCT SPEC        |                                                                         |
|                                        |  | 2 PLC ±.01                                |         | 108-1973            |                                                                         |
|                                        |  | 3 PLC ±.005                               |         | APPLICATION SPEC    | SIZE<br>A100779                                                         |
|                                        |  | 4 PLC ±.0020                              |         | 114-13038           |                                                                         |
| MATERIAL<br>-                          |  | FINISH<br>-                               |         | WEIGHT<br>-         | CAGE CODE<br>6450552                                                    |
|                                        |  |                                           |         | CUSTOMER DRAWING    |                                                                         |
|                                        |  |                                           |         | SCALE<br>4:1        | SHEET<br>8 OF 8                                                         |
|                                        |  |                                           |         | REV<br>F5           |                                                                         |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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