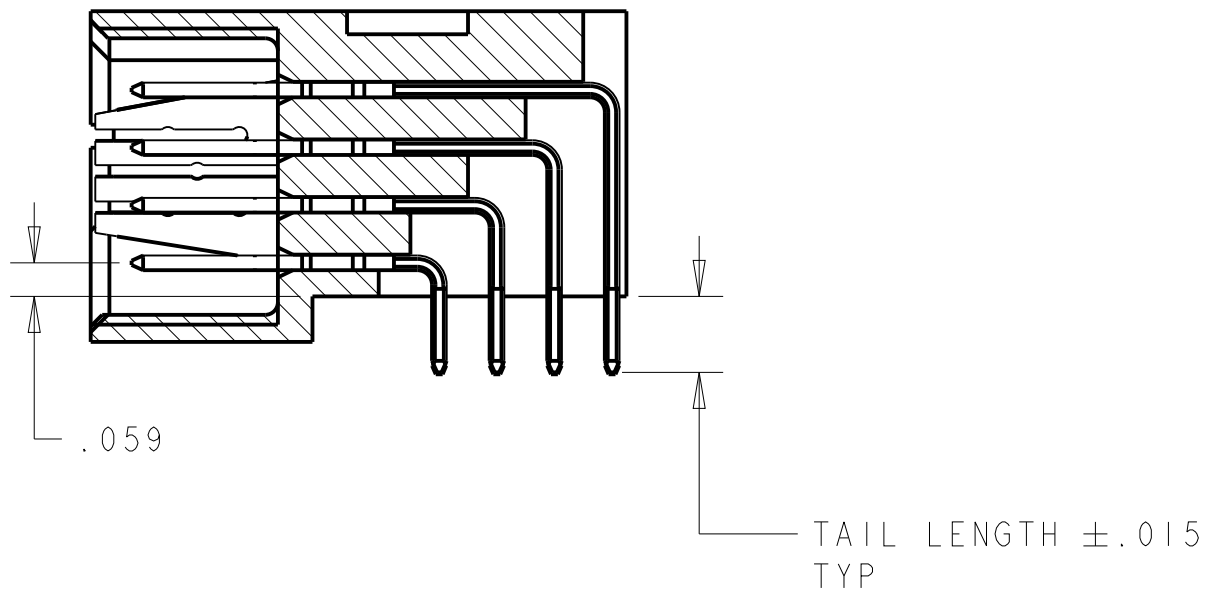
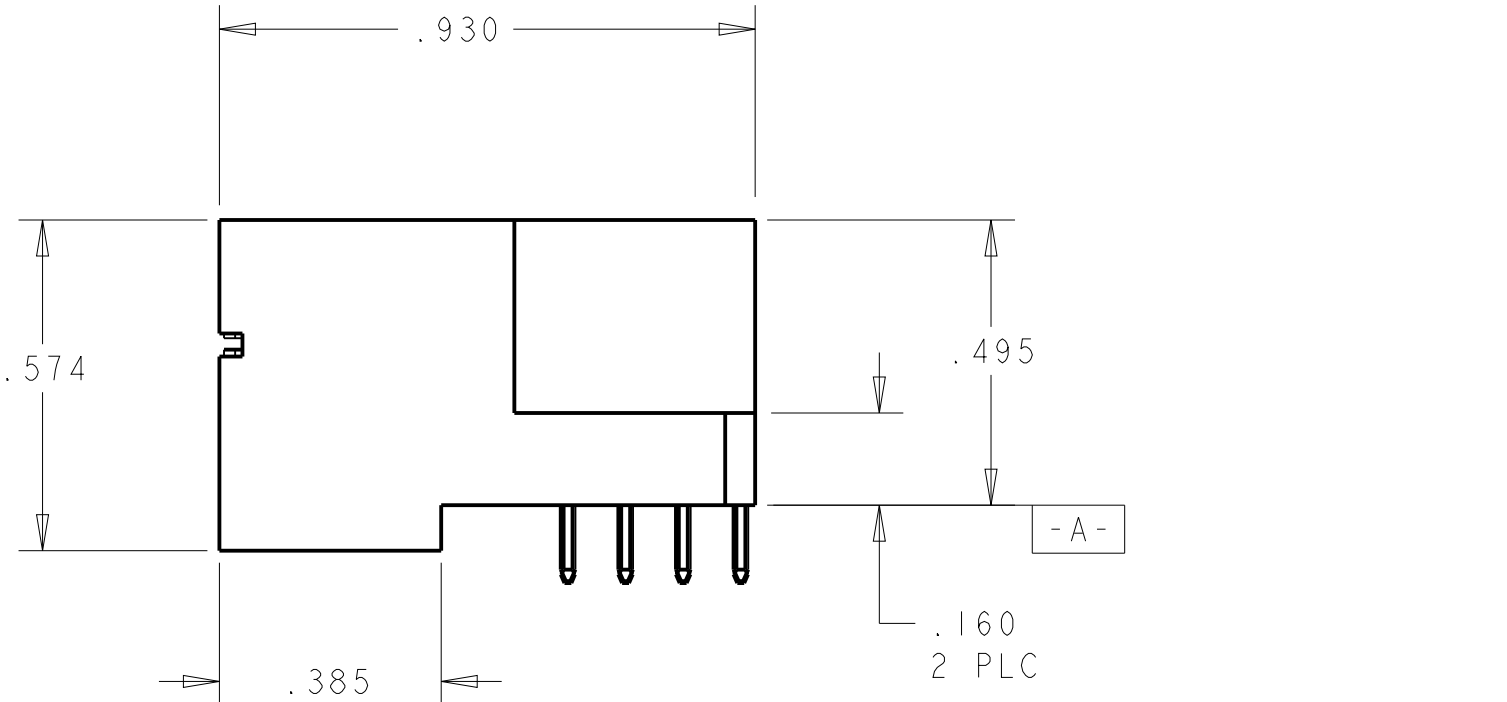
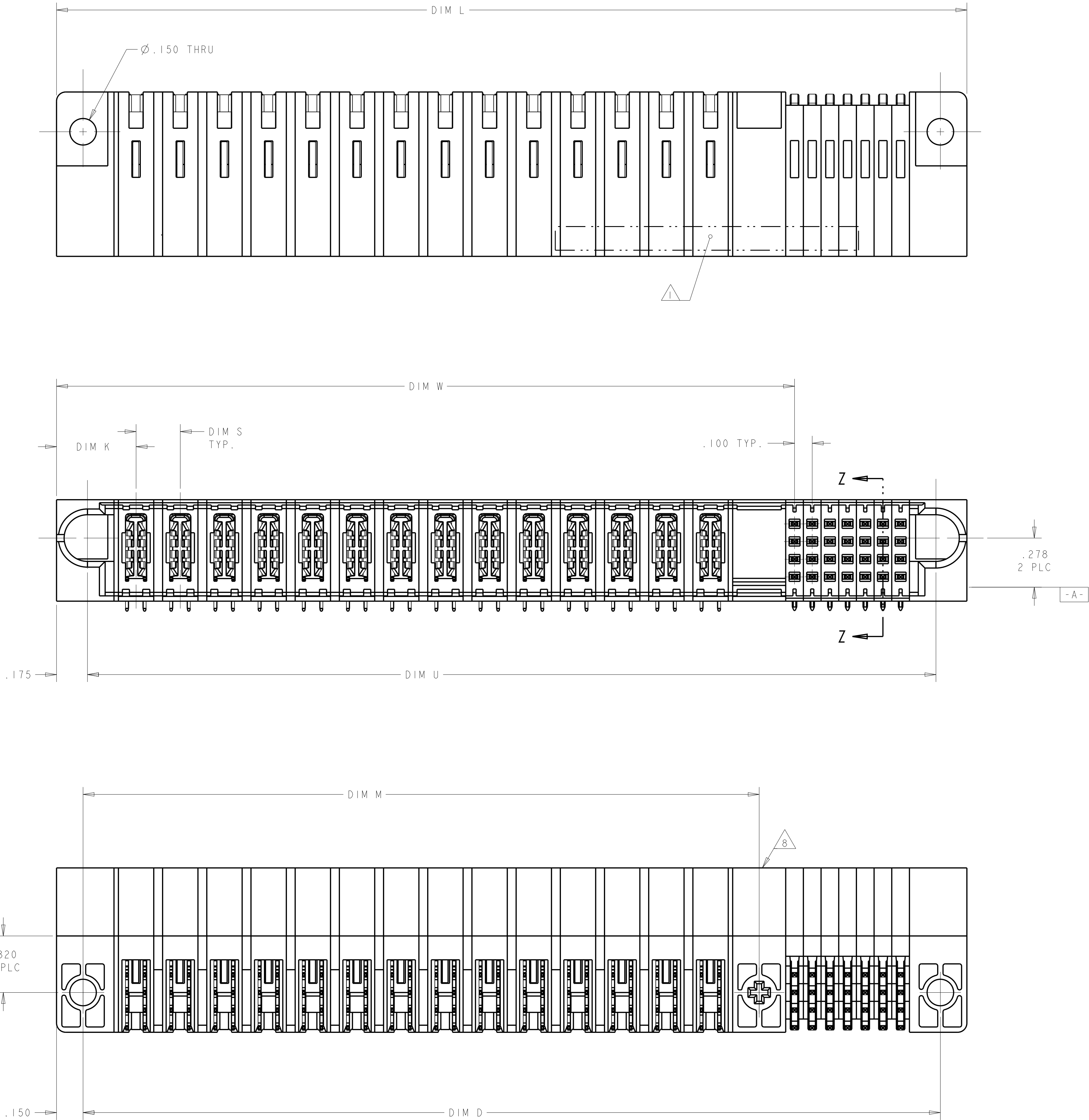


| LOC | DIST | REVISIONS |     |                       |           |     |      |
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|     |      | P         | LTR | DESCRIPTION           | DATE      | DWN | APVD |
| ES  | 00   |           | H4  | ADDED DASH NUMBER -33 | 25FEB2013 | CZ  | SZ   |
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|-----------------------------------------------------|--|---------------------------------------------------------------------|--------------------|-------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.              |  | DWN<br>R. GRZYBOWSKI<br>CHK<br>M. PERCHERKE<br>APVD<br>M. PERCHERKE | 24JAN05<br>24JAN05 | TE Connectivity                                             |  |
| DIMENSIONS:<br>INCHES                               |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                           |                    | NAME<br>RIGHT ANGLE SOLDER HEADER ASSEMBLY<br>MULTI-BEAM XL |  |
| 0 PLC<br>1 PLC<br>2 PLC<br>3 PLC<br>4 PLC<br>ANGLES |  | ±<br>±.01<br>±.005<br>±.0020<br>±2°                                 |                    | PRODUCT SPEC<br>108-1973<br>APPLICATION SPEC<br>114-13038   |  |
| MATERIAL<br>FINISH                                  |  | WEIGHT                                                              |                    | SIZE<br>A100779C=6450332                                    |  |
| CUSTOMER DRAWING                                    |  | SCALE<br>4:1                                                        |                    | SHEET<br>1 OF 13                                            |  |
|                                                     |  |                                                                     |                    | REV<br>H6                                                   |  |

| LOC | DIST | REVISIONS |     |             |      |     |      |
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|     |      | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
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- 1 "AMP", PART NUMBER, AND DATECODE TO BE MARKED IN AREA SHOWN.
- 2 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0  
SIGNAL CONTACT - COPPER ALLOY  
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 3 CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA  
OF POWER AND SIGNAL CONTACTS
- 4 MECHANICAL CONNECTOR KEEP OUT ZONE.
- 5 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 6 PCB - HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 7 PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn  
OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 DIAMETER HOLE.
- 8 OPTIONAL CENTER MODULE
- 9 NOT RELEASED FOR PRODUCTION
- 10 VARIABLE DIMENSIONS SHOWN ON TABLE

|    |       |       |       |       |       |       |       |                 |             |
|----|-------|-------|-------|-------|-------|-------|-------|-----------------|-------------|
| H6 | 1.900 | .250  | 1.375 | 1.950 | -     | 2.250 | .450  | 4P + 24S        | 3-6450332-4 |
|    | 2.825 |       | 2.300 | 2.875 | -     | 3.175 | .475  | 3ACP + 4P + 24S | 3-6450332-3 |
|    | 1.600 | .250  | 1.375 | 1.650 | -     | 1.950 | .450  | 4P + 12S        | 3-6450332-2 |
|    | 2.825 |       | 2.300 | 2.875 | -     | 3.175 | .475  | 3ACP + 4P + 24S | 3-6450332-1 |
|    | 3.225 |       | 2.675 | 3.275 |       | 3.575 | .525  | 9P + 24S        | 3-6450332-0 |
|    | 2.700 |       | 2.275 | 2.750 | -     | 3.050 | .450  | 4ACP+3P+20S     | 1-6450332-9 |
|    | 3.225 |       | 2.675 | 3.275 | -     | 3.575 | .525  | 3ACP+6P+24S     | 2-6450332-8 |
|    | 1.650 | .200  | 1.225 | 1.700 | -     | 2.000 | .450  | 4P + 20S        | 2-6450332-6 |
|    | 1.800 |       | 1.275 | 1.850 | -     | 2.150 | .450  | 4P + 24S        | 2-6450332-5 |
|    | 2.900 | .250  | 2.375 | 2.950 | -     | 3.250 | .450  | 8P + 24S        | 2-6450332-4 |
|    | 3.225 |       | 2.675 | 3.275 | -     | 3.575 | .525  | 3ACP+6P+24S     | 2-6450332-3 |
|    | 2.150 | .250  | 1.625 | 2.200 | -     | 2.500 | .450  | 5P + 24S        | 2-6450332-0 |
|    | 3.225 |       | 2.675 | 3.275 | -     | 3.575 | .525  | 3ACP+6P+24S     | 6450332-9   |
|    | 3.875 |       | 3.550 | 3.925 | -     | 4.225 | .475  | 1ACP + 9P + 16S | 1-6450332-8 |
|    | 2.300 | .250  | 1.875 | 2.350 | -     | 2.650 | .450  | 6P+20S          | 1-6450332-7 |
|    | 3.875 |       | 3.550 | 3.925 | -     | 4.225 | .475  | 3ACP+9P+16S     | 1-6450332-6 |
|    | 5.100 |       | 2.375 | 5.150 | -     | 5.450 | .450  | 8P + 112S       | 1-6450332-4 |
|    | 3.800 |       | 3.175 | 3.850 | -     | 4.150 | .450  | 12P + 28S       | 1-6450332-3 |
|    | 2.275 |       | 2.050 | 2.325 | -     | 2.625 | .450  | 5P + 24S        | 1-6450332-2 |
|    | 1.400 | .250  | .875  | 1.450 | -     | 1.750 | .450  | 2P + 24S        | 6450332-8   |
|    | 1.100 | -     | .575  | 1.150 | -     | 1.450 | .425  | 1P + 24S        | 6450332-6   |
|    | 4.425 | .250  | 3.875 | 4.475 | -     | 4.775 | .450  | 14P + 24S       | 6450332-5   |
|    | 2.675 | .250  | 2.125 | 2.725 | -     | 3.025 | .450  | 7P + 24S        | 6450332-4   |
|    | 2.925 | .250  | 2.375 | 2.975 | -     | 3.275 | .450  | 8P + 24S        | 6450332-3   |
|    | 4.500 | .250  | 3.875 | 4.550 | -     | 4.850 | .450  | 14P + 28S       | 6450332-2   |
|    | DIM U | DIM S | DIM W | DIM D | DIM M | DIM L | DIM K | DESCRIPTION     | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

-

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

24JAN05  
24JAN05  
-

PRODUCT SPEC  
108-1973  
APPLICATION SPEC  
114-13038

WEIGHT  
-

CUSTOMER DRAWING

NAME  
RIGHT ANGLE SOLDER HEADER ASSEMBLY  
MULTI-BEAM XL

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
6450332

RESTRICTED TO  
-

SCALE  
4:1

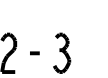
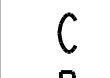
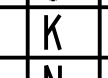
SHEET  
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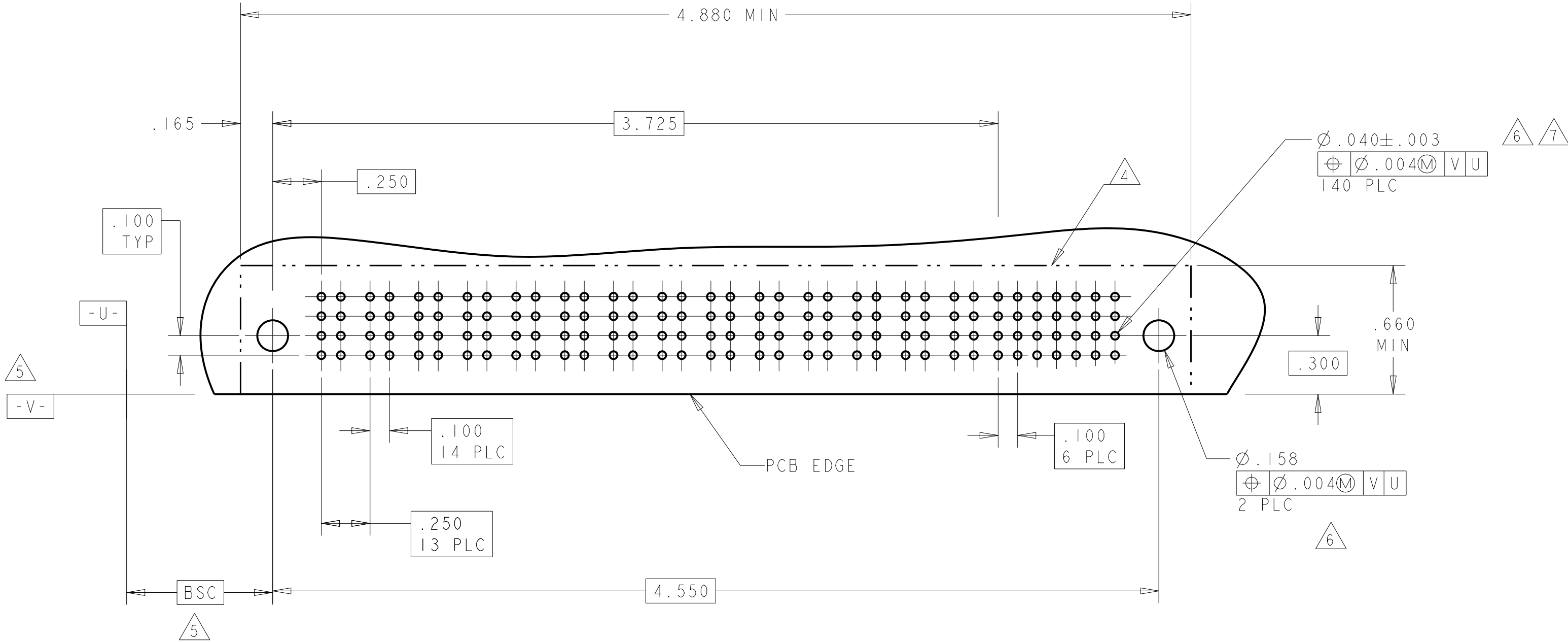
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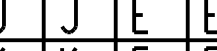
REV  
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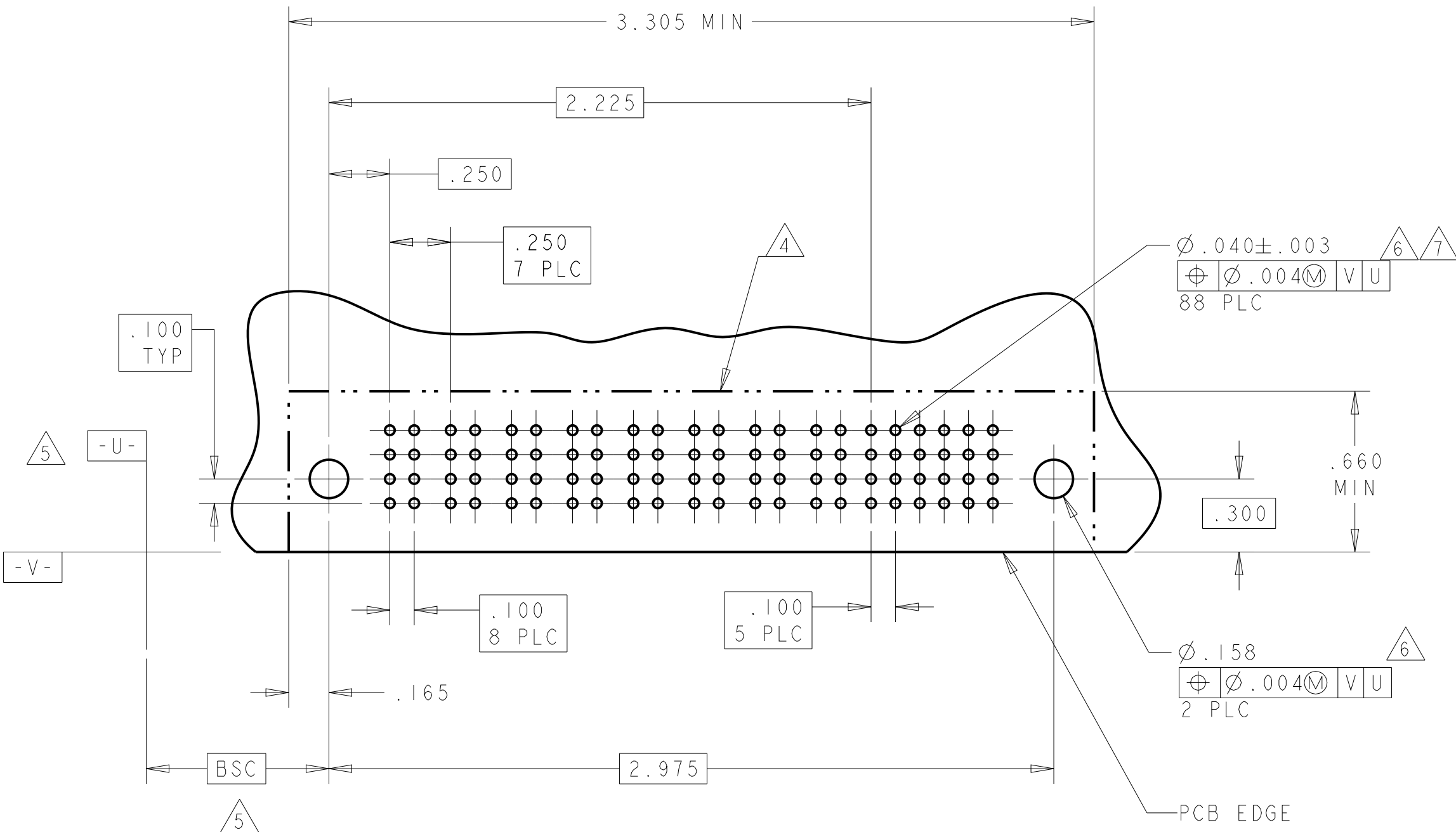
TE Connectivity

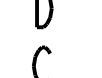
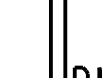
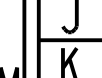
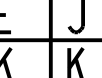
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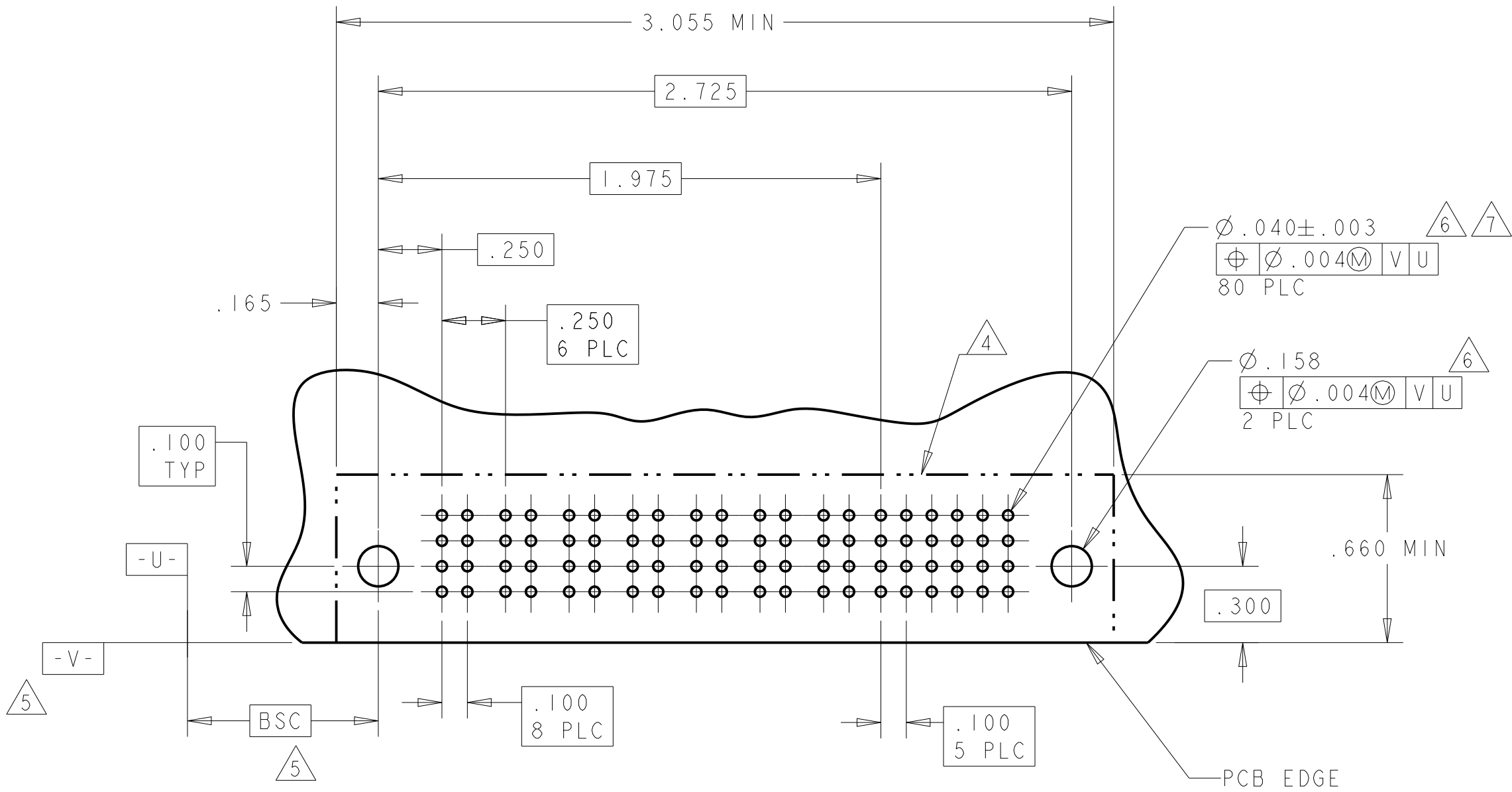
| ASSY PART NUMBER | ROWS             |                                                                                   | POWER                                                                             |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                        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|                  |                  |                                                                                   | P1                                                                                | P2                                                                                | P3                                                                                | P4                                                                                  | P5                                                                                  | P6                                                                                  | P7                                                                                  | P8                                                                                  | P9                                                                                  | P10                                                                                 | P11                                                                                 | P12                                                                                 | P13                                                                                 | P14                                                                                 | 1                                                                                   | 2                                                                                   | 3                                                                                   | 4                                                                                   | 5                                                                                   | 6                                                                                   | 7                                                                                   |                                                                               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                            |                                                                                      |                                                                                      |  |
| 6450332-2        | D<br>C<br>B<br>A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



| PART NUMBER | ROWS             |                                                                                     | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | SIGNAL                                                                              |   |   |   |   |   |                                                                                     |
|-------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---|---|---|---|---|-------------------------------------------------------------------------------------|
|             |                  |                                                                                     | P1                                                                                  | P2                                                                                  | P3                                                                                  | P4                                                                                  | P5                                                                                  | P6                                                                                  | P7                                                                                  | P8                                                                                  | 1                                                                                   | 2 | 3 | 4 | 5 | 6 |                                                                                     |
| 6450332-3   | D<br>C<br>B<br>A |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |  |
|             |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | J                                                                                   | J | J | J | E | E |                                                                                     |
|             |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | K                                                                                   | K | K | K | F | F |                                                                                     |
|             |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | N                                                                                   | N | N | N | G | G |                                                                                     |
| 8P + 24S    |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | S                                                                                   | S | S | S | H | H |                                                                                     |



| PART NUMBER | ROWS             |                                                                                     | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |    | SIGNAL |   |   |   |   |   |  |
|-------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----|--------|---|---|---|---|---|--|
|             |                  |                                                                                     | P1                                                                                  | P2                                                                                  | P3                                                                                  | P4                                                                                  | P5                                                                                  | P6                                                                                    | P7 | 1      | 2 | 3 | 4 | 5 | 6 |  |
| 6450332-4   | D<br>C<br>B<br>A |  |  |  |  |  |  |  | J  | J      | E | J | J | J |   |  |
|             |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       | K  | K      | K | K | K | K |   |  |
|             |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       | N  | N      | N | N | N | N |   |  |
|             |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       | S  | S      | S | S | S | S |   |  |
| 7P + 24S    |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |    |        |   |   |   |   |   |  |



|                |                 |             |     |
|----------------|-----------------|-------------|-----|
| Z              | STD             | .090        | D   |
| Y              | STD             | .090        | C   |
| R              | STD             | .090        | B   |
| O              | STD             | .090        | A   |
| A4             | MLBF            | .090        | D   |
| A3             | MLBF            | .090        | C   |
| A2             | MLBF            | .090        | B   |
| A1             | MLBF            | .090        | A   |
| E              | MLBF            | .135        | D   |
| F              | MLBF            | .135        | C   |
| G              | MLBF            | .135        | B   |
| H              | MLBF            | .135        | A   |
| J              | STD             | .135        | D   |
| K              | STD             | .135        | C   |
| N              | STD             | .135        | B   |
| S              | STD             | .135        | A   |
| CODE           | MATING SEQUENCE | TAIL LENGTH | ROW |
| SIGNAL CONTACT |                 |             |     |

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: R. GRZYBOWSKI 24JAN05  
CHK: M. PERCHERKE 24JAN05  
APVD: M. PERCHERKE

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
0 PLC ±.01  
1 PLC ±.01  
2 PLC ±.01  
3 PLC ±.005  
4 PLC ±.002  
ANGLES ±.2°  
FINISH

PRODUCT SPEC: 108-1973

APPLICATION SPEC: 114-13038

WEIGHT: -

CUSTOMER DRAWING

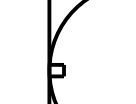
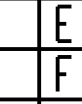
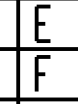
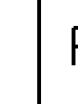
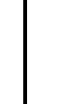
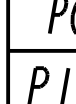
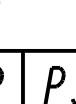
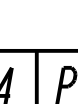
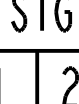
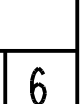
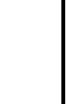
NAME: RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL

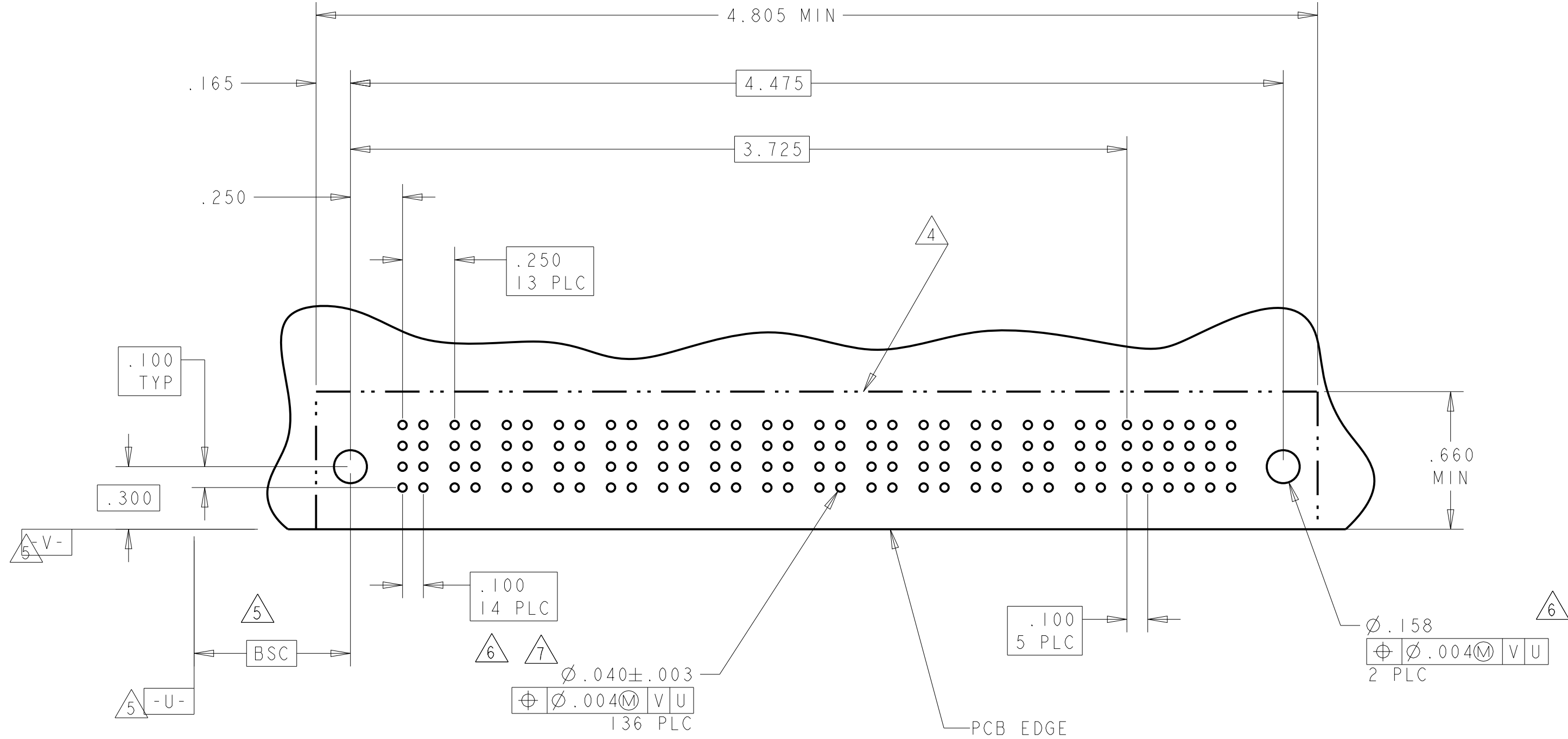
SIZE: A1 CAGE CODE: 00779 DRAWING NO: 6450332

RESTRICTED TO: -

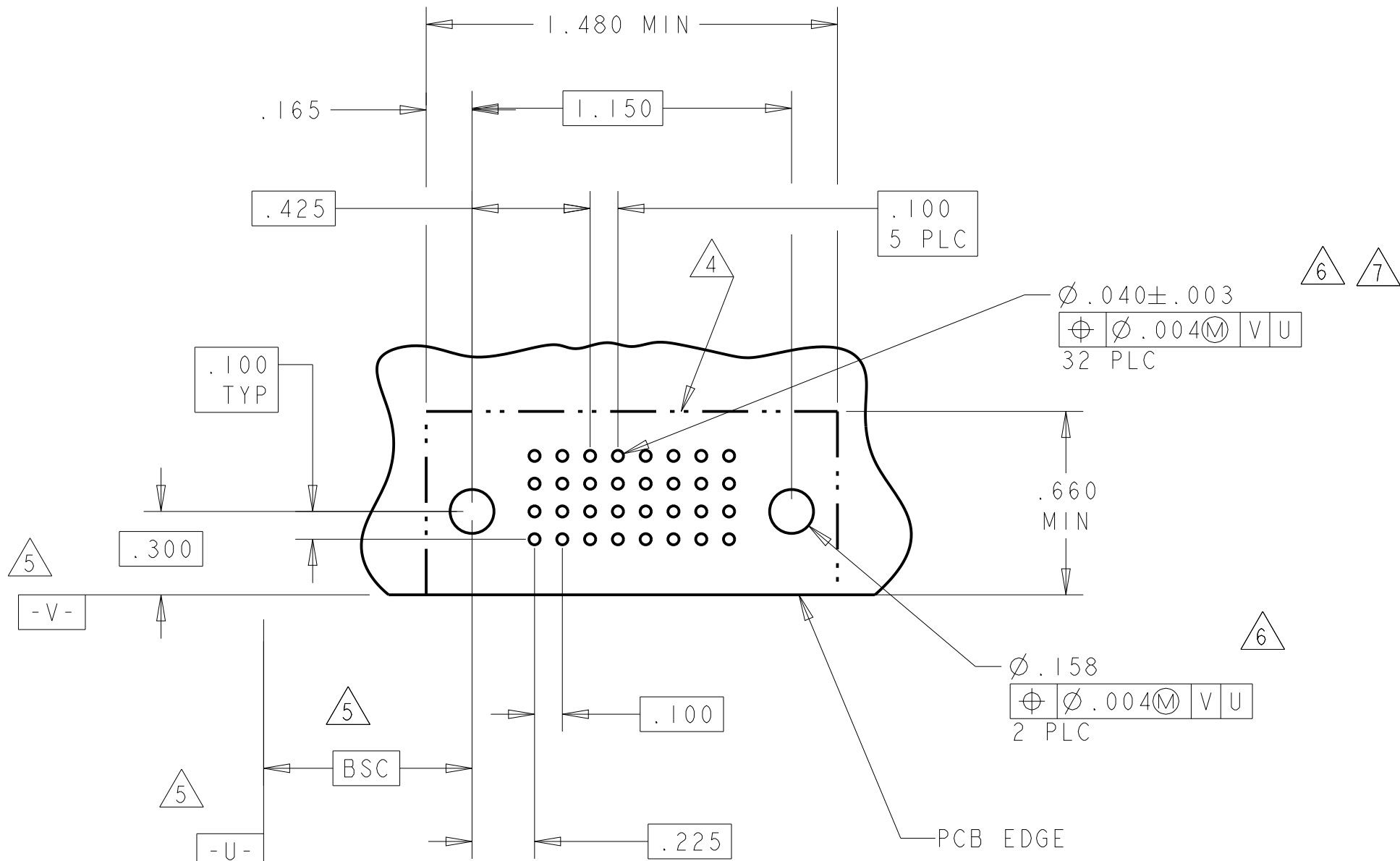
SCALE: 4:1 SHEET: 3 OF 13 REV: H6

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

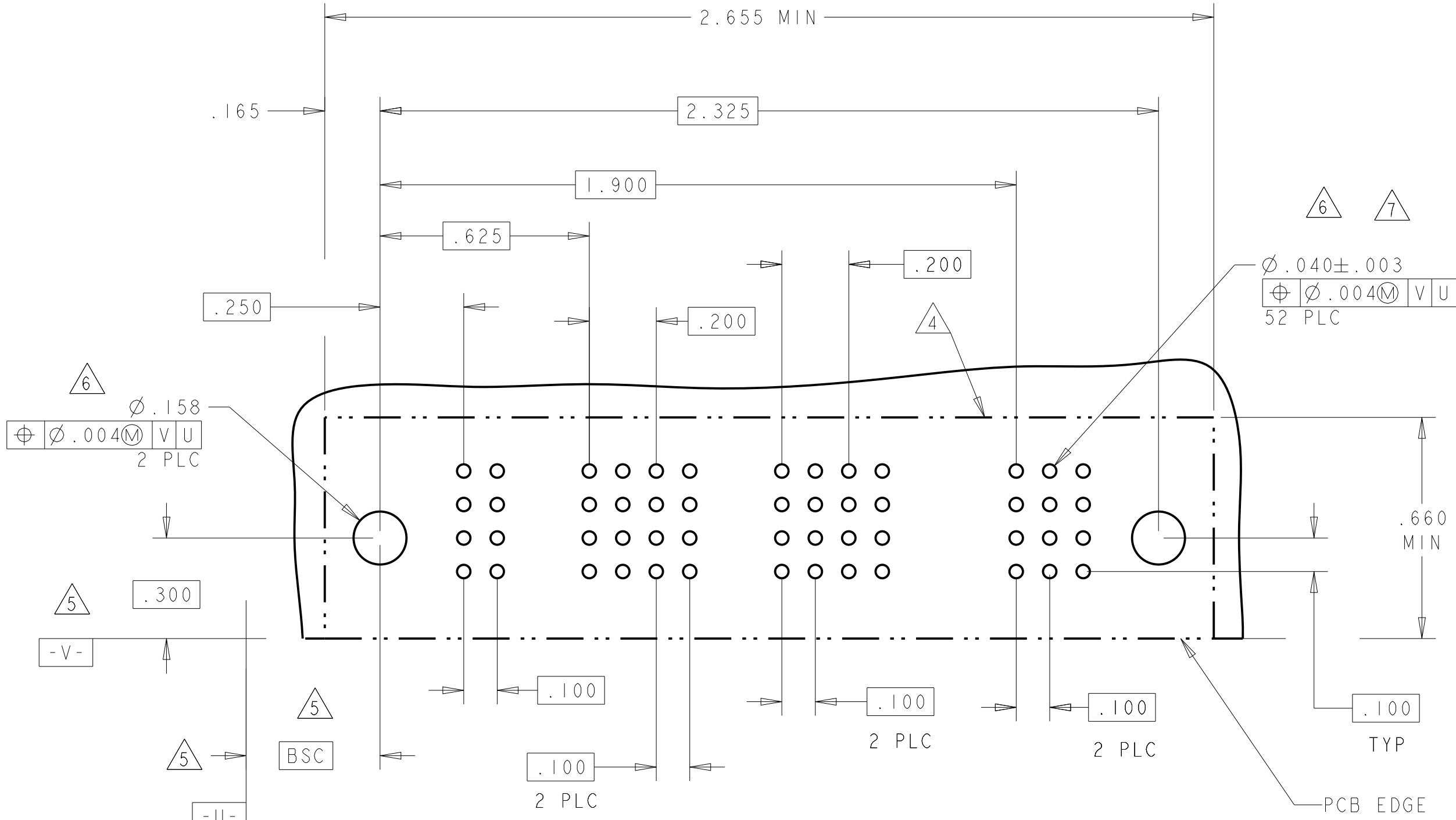
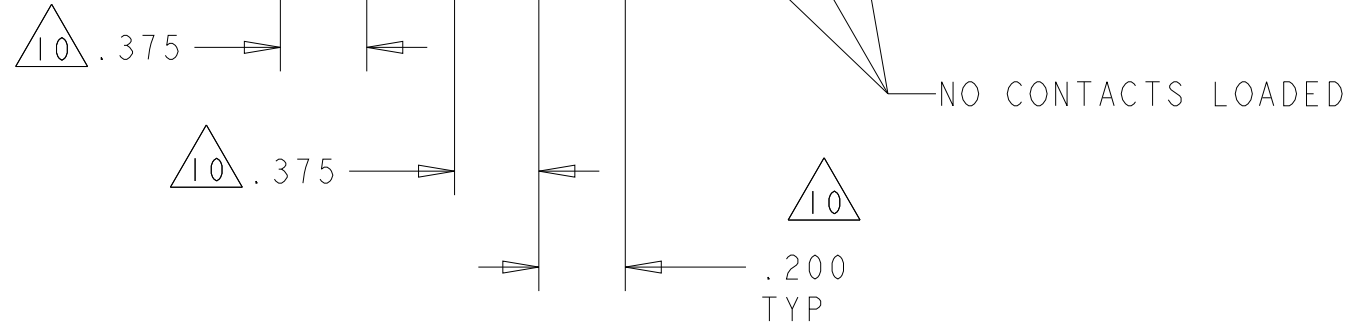
| PART NUMBER | ROWS             |                                                                                   | POWER                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                   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|             |                  |                                                                                   | P1                                                                                | P2                                                                                | P3                                                                                | P4                                                                                | P5                                                                                | P6                                                                                | P7                                                                                  | P8                                                                                  | P9                                                                                  | P10                                                                                 | P11                               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      |                                                                                      |                                                                                      |                                                                                      |                                                                                      |                                                                                      |                                                                                      |                                                                                      |                                                                                      |                                                                                      |  |
| 6450332-5   | D<br>C<br>B<br>A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



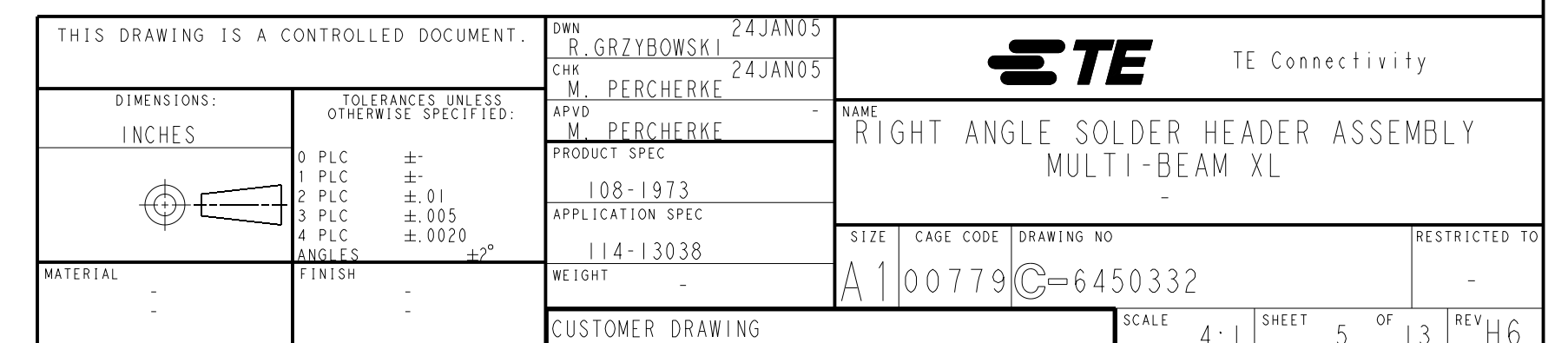
| PART NUMBER | ROWS             |                                                                                     | POWER                                                                                  | SIGNAL |   |   |   |   |   |                                                                                       |
|-------------|------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------|---|---|---|---|---|---------------------------------------------------------------------------------------|
|             |                  |                                                                                     | PI                                                                                     | 1      | 2 | 3 | 4 | 5 | 6 |                                                                                       |
| 6450332-6   | D<br>C<br>B<br>A |  | PM  | E      | E | E | E | E | J |  |
|             |                  |                                                                                     |                                                                                        | F      | F | F | F | F | F |                                                                                       |
|             |                  |                                                                                     |                                                                                        | G      | G | G | G | G | G |                                                                                       |
|             |                  |                                                                                     |                                                                                        | H      | H | H | H | H | H |                                                                                       |
| 1P + 24S    |                  |                                                                                     |                                                                                        |        |   |   |   |   |   |                                                                                       |

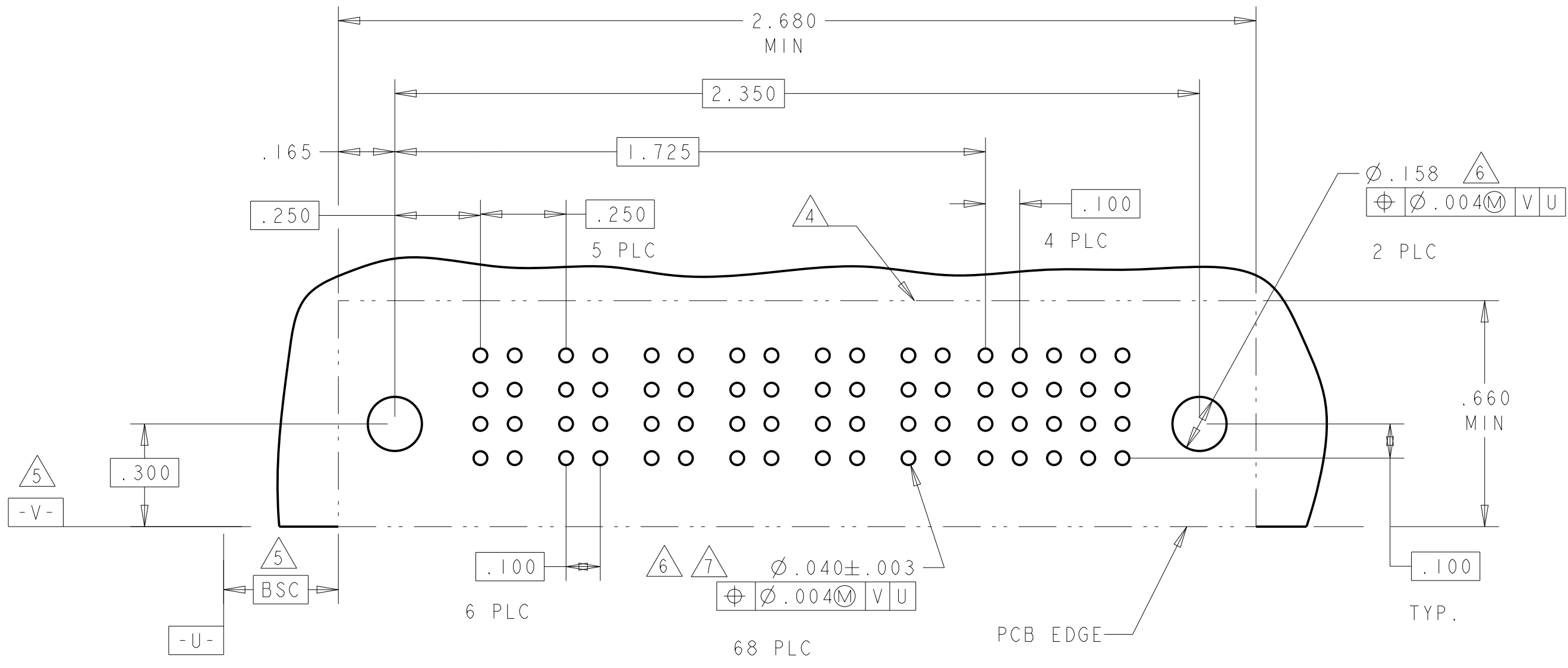
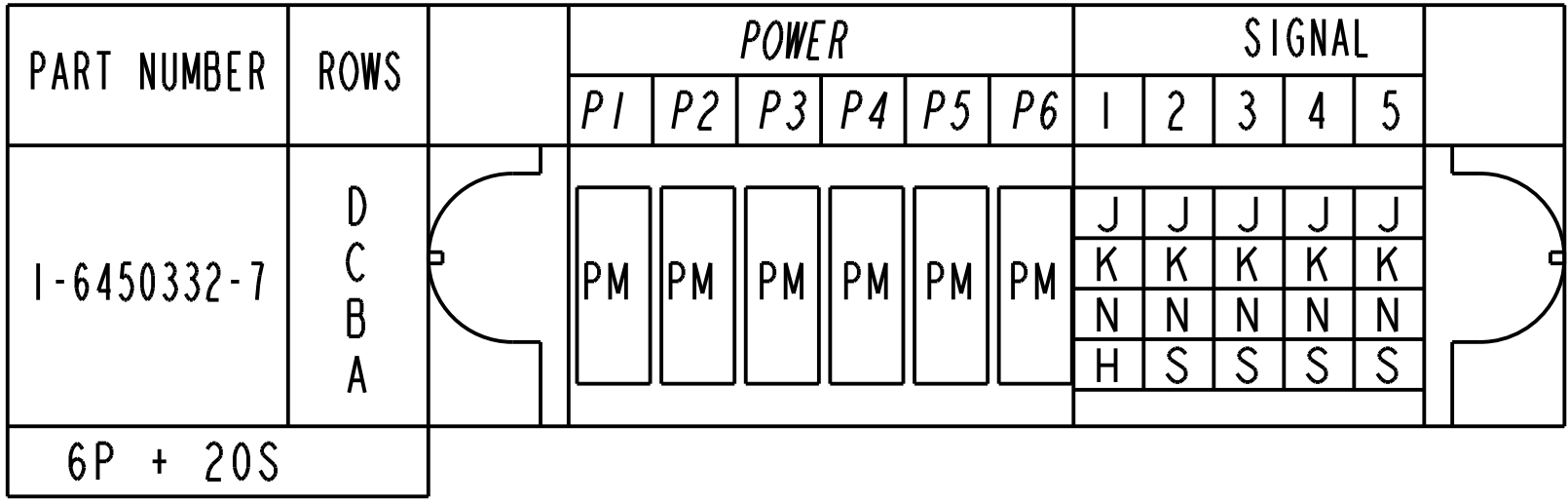


| PART NUMBER | ROWS             |                                                                                     | POWER                                                                               |    |    |    |    | SIGNAL |   |   |   |   |   |   |                                                                                     |
|-------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|----|----|----|--------|---|---|---|---|---|---|-------------------------------------------------------------------------------------|
|             |                  |                                                                                     | P1                                                                                  | P2 | P3 | P4 | P5 | 1      | 2 | 3 | 4 | 5 | 6 |   |                                                                                     |
| 1-6450332-2 | D<br>C<br>B<br>A |  |  | PM | PM | PM | PM | PM     |   |   |   | J | J | J |  |
|             |                  |                                                                                     |                                                                                     |    |    |    |    |        |   |   |   | K | K | K |                                                                                     |
|             |                  |                                                                                     |                                                                                     |    |    |    |    |        |   |   |   | N | N | N |                                                                                     |
|             |                  |                                                                                     |                                                                                     |    |    |    |    |        |   |   |   | S | S | S |                                                                                     |
| 5P + 24S    |                  |                                                                                     |                                                                                     |    |    |    |    |        |   |   |   |   |   |   |                                                                                     |

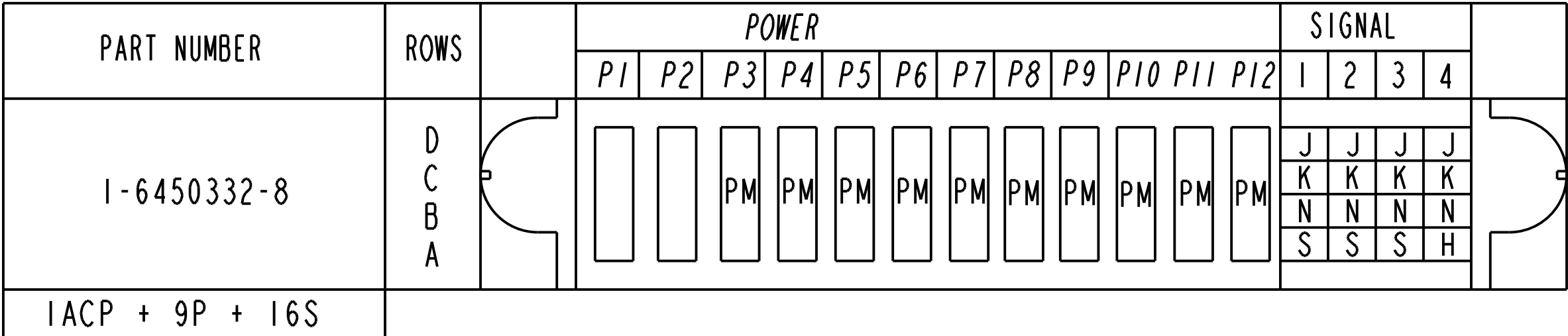


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|----------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------|--------------------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                                                  | OWN<br>R. GRZYBOWSKI<br>CHK<br>M. PERCHERKE<br>APVD<br>W. PERCHERKE | 24JAN05<br>24JAN05<br>-                                     | TE Connectivity          |               |
| DIMENSIONS:<br>INCHES                  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±.01<br>2 PLC ±.01<br>3 PLC ±.005<br>4 PLC ±.0020<br>ANGLES ±.7° | PRODUCT SPEC<br>108-1973<br>APPLICATION SPEC<br>114-13038           | NAME<br>RIGHT ANGLE SOLDER HEADER ASSEMBLY<br>MULTI-BEAM XL | SIZE<br>A100779          | RESTRICTED TO |
| MATERIAL<br>-                          | FINISH<br>-                                                                                                      | WEIGHT<br>-                                                         | CAGE CODE<br>-                                              | DRAWING NO.<br>C=6450332 | REV<br>H6     |
| CUSTOMER DRAWING                       |                                                                                                                  | SCALE<br>4:1                                                        |                                                             | SHEET<br>4               | OF<br>13      |

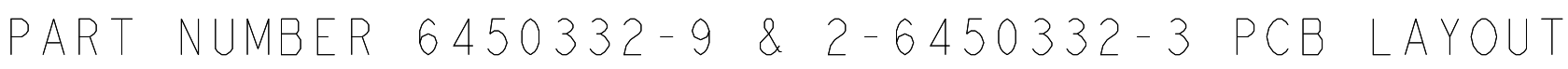
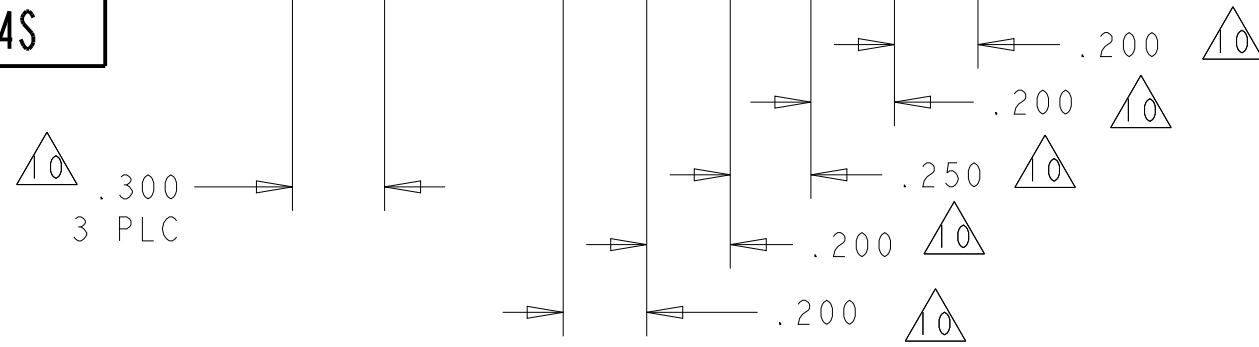
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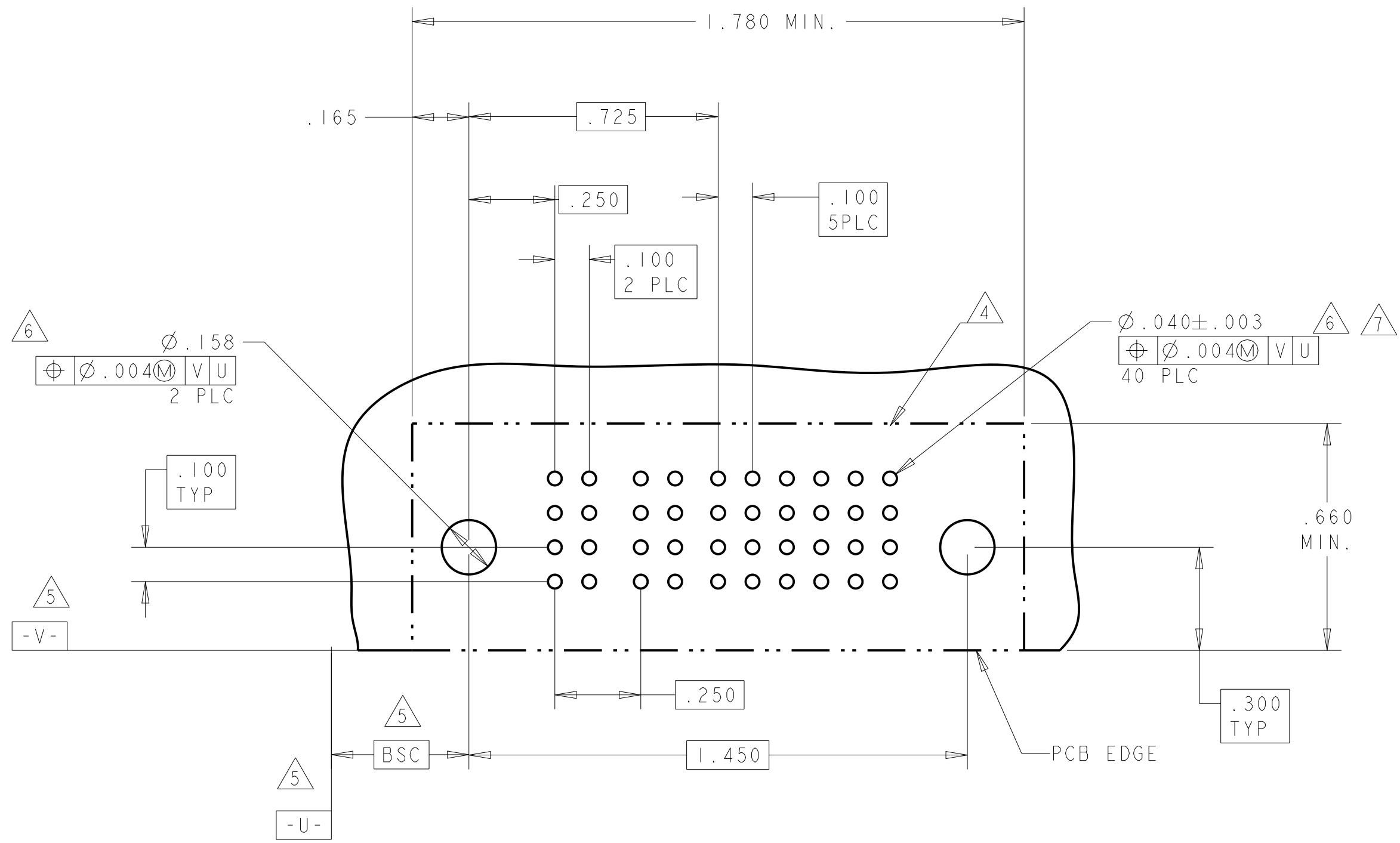
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| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>R. GRZYBOWSKI<br>24JAN05        |  | TE Connectivity                                             |  |
| DIMENSIONS:<br>INCHES                  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | NAME<br>RIGHT ANGLE SOLDER HEADER ASSEMBLY<br>MULTI-BEAM XL |  |
|                                        |  |                                        |  |                                                             |  |

[illegible]

| PART NUMBER     | ROWS |                                                                                     | POWER                                                                               |    |    |    |    |    |    |    |    | SIGNAL |   |   |   |   |   |   |
|-----------------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|----|----|----|----|----|----|----|--------|---|---|---|---|---|---|
|                 |      |                                                                                     | P1                                                                                  | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | 1      | 2 | 3 | 4 | 5 | 6 |   |
| 2-6450332-3     | D    |  |  | PM | PM | PM | PM | PM | PM | PM | PM | PM     | E | E | E | E | E | E |
|                 | K    |                                                                                     |                                                                                     |    |    |    |    |    |    |    |    |        | F | F | F | F | F |   |
|                 | N    |                                                                                     |                                                                                     |    |    |    |    |    |    |    |    |        | G | G | G | G | G |   |
|                 | H    |                                                                                     |                                                                                     |    |    |    |    |    |    |    |    |        | H | H | H | H | S |   |
| 3ACP + 6P + 24S |      |                                                                                     |                                                                                     |    |    |    |    |    |    |    |    |        |   |   |   |   |   |   |

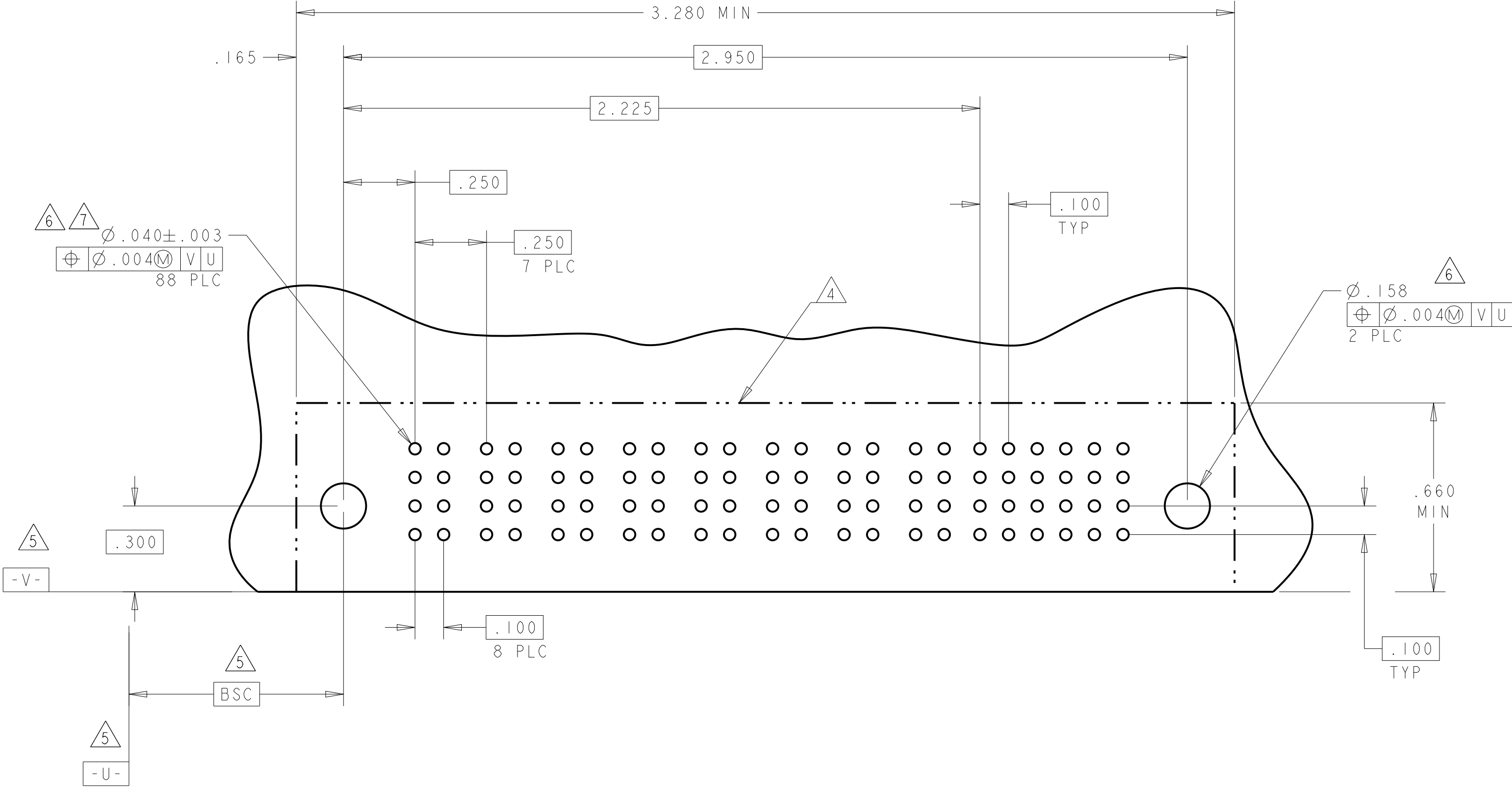


|                                        |  |                                                        |  |                                                             |  |
|----------------------------------------|--|--------------------------------------------------------|--|-------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN 24JAN05<br>R. GRZYBOWSKI                           |  | TE Connectivity                                             |  |
| DIMENSIONS:<br>INCHES                  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br><div> </div> |  | NAME<br>RIGHT ANGLE SOLDER HEADER ASSEMBLY<br>MULTI-BEAM XL |  |
| <div> </div>                           |  | <div> </div>                                           |  | <div> </div>                                                |  |
| MATERIAL                               |  | FINISH                                                 |  | SIZE CAGE CODE DRAWING NO RESTRICTED TO                     |  |
| -                                      |  | -                                                      |  | A 00779 © 6450332 -                                         |  |
| CUSTOMER DRAWING                       |  | SCALE 4:1                                              |  | SHEET 7 OF 13 REV H6                                        |  |

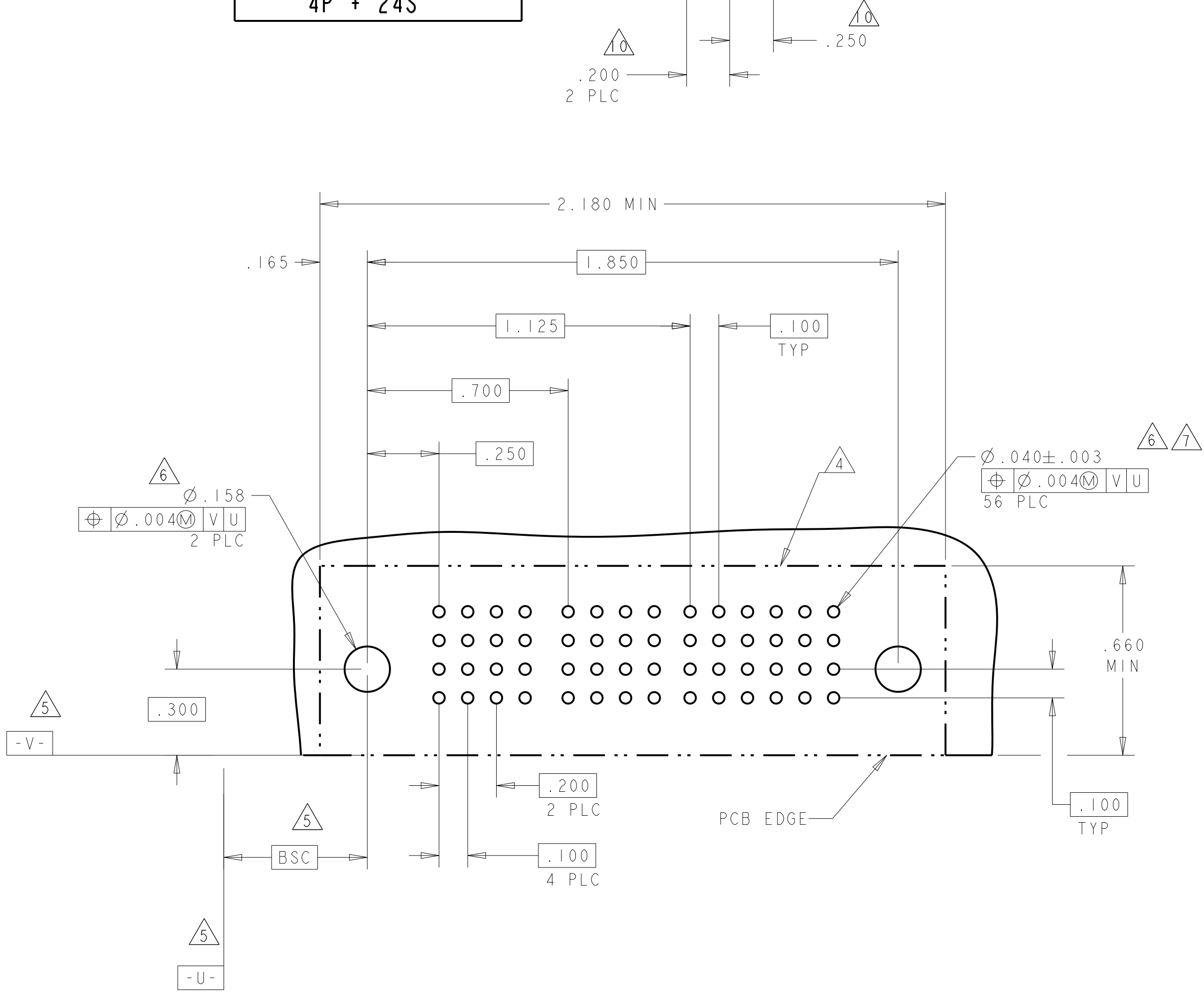
[illegible]4805 (3/11)

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

| PART NUMBER | ROWS             |  | POWER |    |    |    |    |    |    |    | SIGNAL |   |   |   |   |   |   |   |  |
|-------------|------------------|--|-------|----|----|----|----|----|----|----|--------|---|---|---|---|---|---|---|--|
|             |                  |  | P1    | P2 | P3 | P4 | P5 | P6 | P7 | P8 | 1      | 2 | 3 | 4 | 5 | 6 |   |   |  |
| 2-6450332-4 | D<br>C<br>B<br>A |  |       | PM | PM | PM | PM | PM | PM | PM | PM     |   | J | J | J | J | E | E |  |
|             |                  |  |       |    |    |    |    |    |    |    |        |   | K | K | K | K | F | F |  |
|             |                  |  |       |    |    |    |    |    |    |    |        |   | N | N | N | N | G | G |  |
|             |                  |  |       |    |    |    |    |    |    |    |        |   | S | S | S | S | H | H |  |
| 8P + 24S    |                  |  |       |    |    |    |    |    |    |    |        |   |   |   |   |   |   |   |  |



| PART NUMBER | ROWS             |  | POWER |    |    |    | SIGNAL |   |   |   |   |   |   |  |
|-------------|------------------|--|-------|----|----|----|--------|---|---|---|---|---|---|--|
|             |                  |  | P1    | P2 | P3 | P4 | 1      | 2 | 3 | 4 | 5 | 6 |   |  |
| 2-6450332-5 | D<br>C<br>B<br>A |  |       | PM | PM | PM | PM     | E | E | E | E | E | E |  |
|             |                  |  |       |    |    |    |        | K | F | F | F | F | F |  |
|             |                  |  |       |    |    |    |        | N | G | G | G | G | G |  |
|             |                  |  |       |    |    |    |        | H | H | H | H | H | S |  |
| 4P + 24S    |                  |  |       |    |    |    |        |   |   |   |   |   |   |  |



THIS DRAWING IS A CONTROLLED DOCUMENT.

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

24JAN05  
24JAN05  
-

DIMENSIONS:  
INCHES

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

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

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

MATERIAL -

CUSTOMER DRAWING

TE Connectivity

RIGHT ANGLE SOLDER HEADER ASSEMBLY  
MULTI-BEAM XL

SIZE  
A100779

CAGE CODE  
C=6450332

DRAWING NO  
-

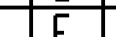
RESTRICTED TO  
-

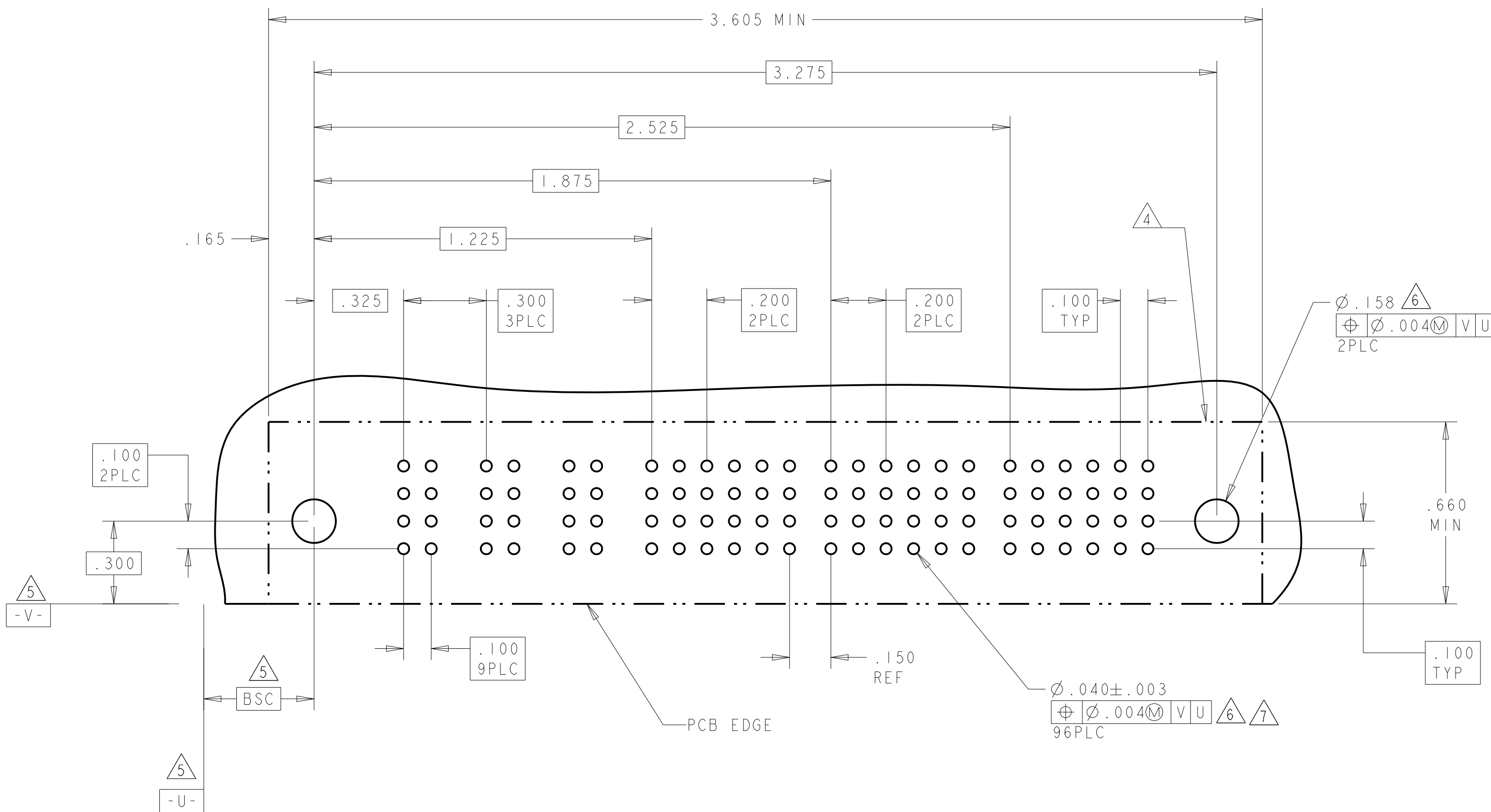
SCALE  
4:1

SHEET  
9

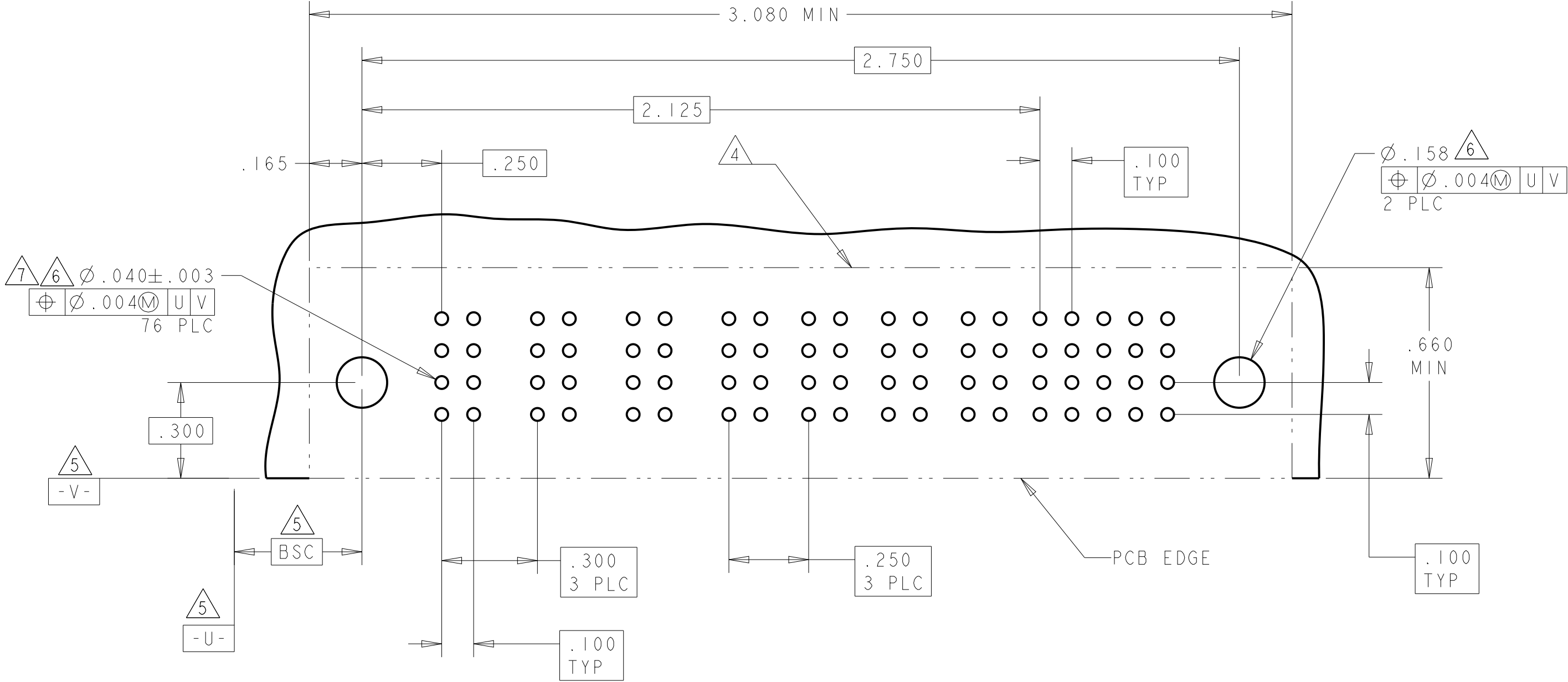
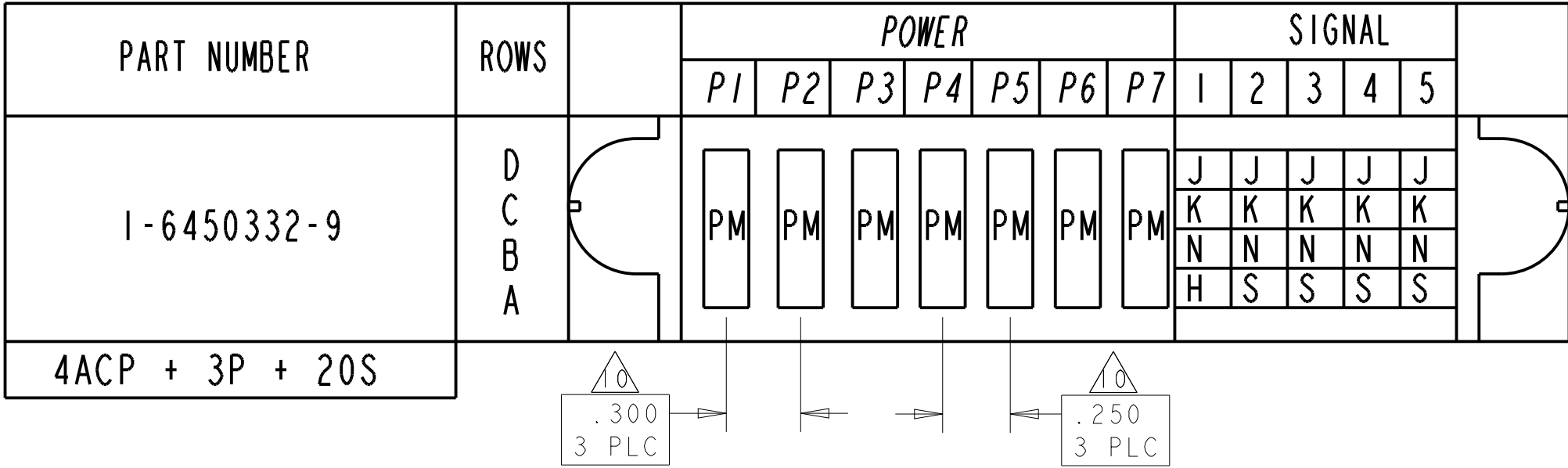
OF  
13

REV  
H6

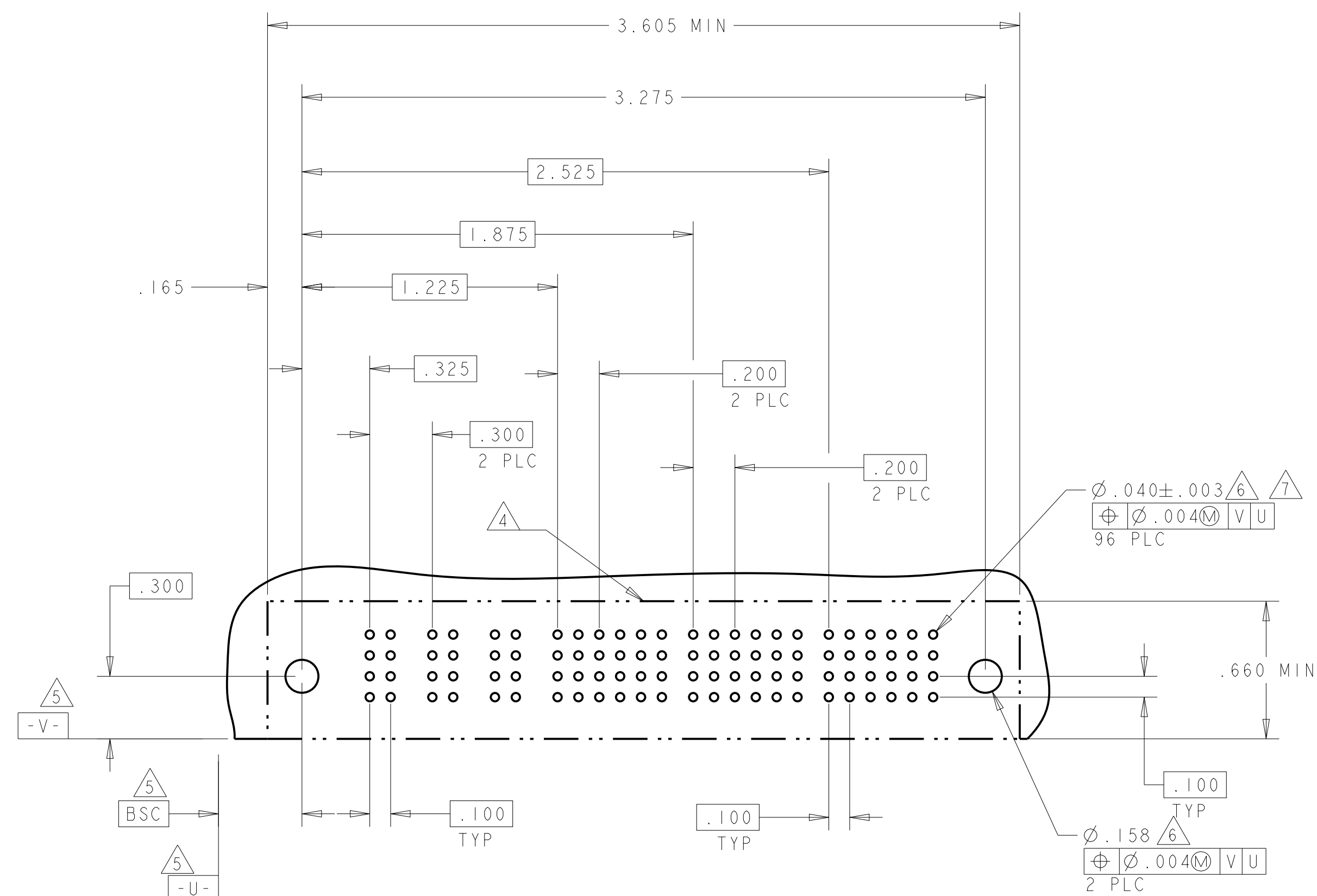
| PART NUMBER     | ROWS             |                                                                                     | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | SIGNAL                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |   |  |
|-----------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---|--|
|                 |                  |                                                                                     | P1                                                                                  | P2                                                                                  | P3                                                                                  | P4                                                                                  | P5                                                                                  | P6                                                                                  | P7                                                                                  | P8                                                                                  | P9                                                                                  | 1                                                                                   | 2                                                                                   | 3                                                                                   | 4                                                                                   | 5                                                                                   | 6 |  |
| 2-6450332-8     | D<br>C<br>B<br>A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |
|                 |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |   |  |
|                 |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |   |  |
|                 |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |   |  |
| 3ACP + 6P + 24S |                  |                                                                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |

4805 (3/11)

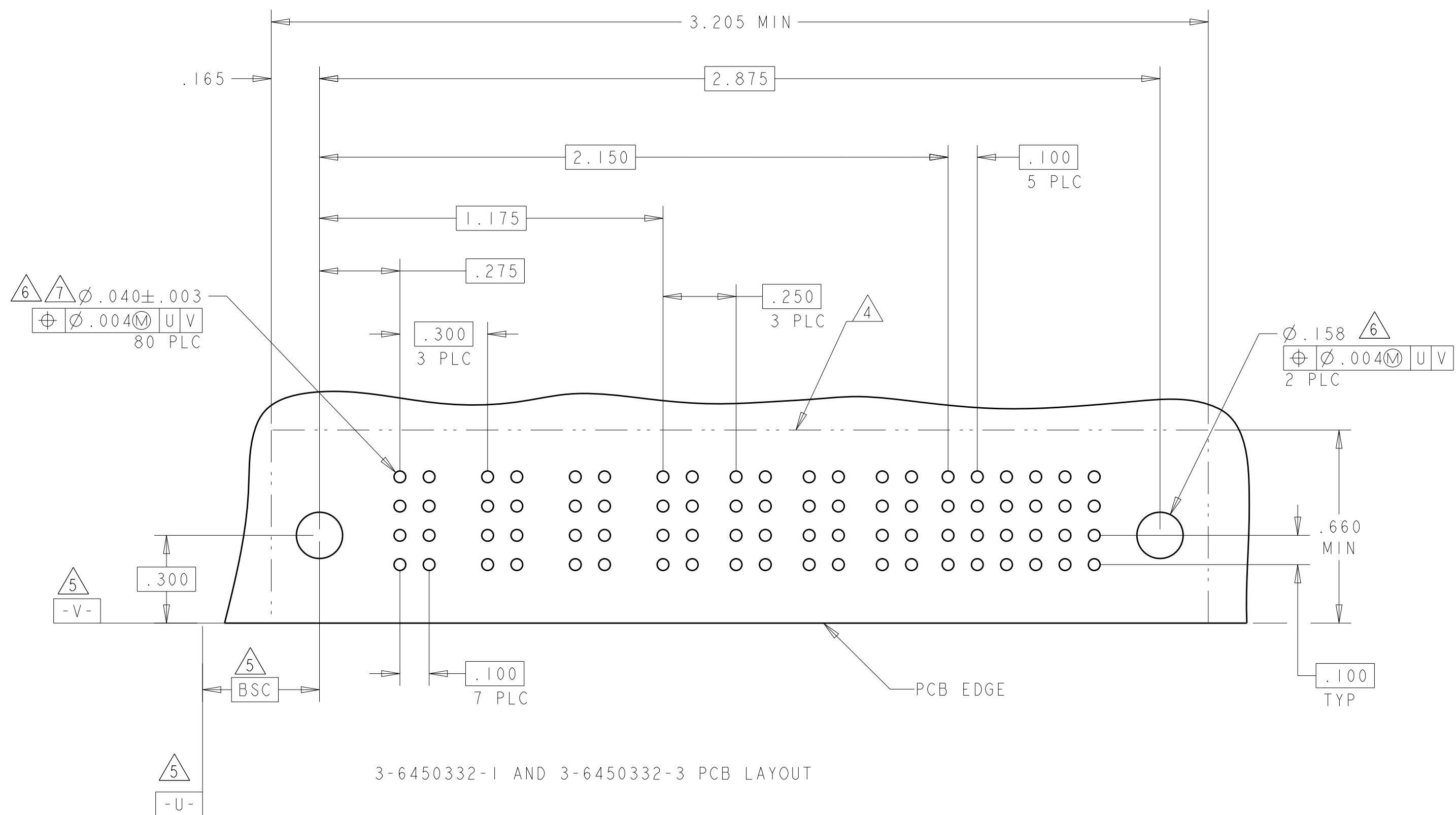
| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| ES  | 00   | -         | -   | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |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



|                                                                                       |  |                                             |  |                    |  |                                                                                       |  |                 |  |
|---------------------------------------------------------------------------------------|--|---------------------------------------------|--|--------------------|--|---------------------------------------------------------------------------------------|--|-----------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>R. GRZYBOWSKI<br>CHK<br>M. PERCHERKE |  | 24JAN05<br>24JAN05 |  |  |  | TE Connectivity |  |
| DIMENSIONS:<br>INCHES                                                                 |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:      |  | NAME               |  | RIGHT ANGLE SOLDER HEADER ASSEMBLY<br>MULTI-BEAM XL                                   |  |                 |  |
|                                                                                       |  |                                             |  |                    |  |                                                                                       |  |                 |  |
|  |  | 0 PLC ±.01                                  |  | PRODUCT SPEC       |  | RESTRICTED TO                                                                         |  |                 |  |
|                                                                                       |  | 1 PLC ±.01                                  |  | 108-1973           |  |                                                                                       |  |                 |  |
|                                                                                       |  | 2 PLC ±.01                                  |  | APPLICATION SPEC   |  |                                                                                       |  |                 |  |
|                                                                                       |  | 3 PLC ±.005                                 |  | 114-13038          |  |                                                                                       |  |                 |  |
|                                                                                       |  | 4 PLC ±.0020                                |  | WEIGHT             |  |                                                                                       |  |                 |  |
| ANGLES ±2°                                                                            |  | FINISH                                      |  | SIZE               |  | CASE CODE                                                                             |  | DRAWING NO      |  |
| MATERIAL                                                                              |  |                                             |  | A1                 |  | 100779                                                                                |  | C-6450332       |  |
|                                                                                       |  |                                             |  | CUSTOMER DRAWING   |  | SCALE                                                                                 |  | 4:1             |  |
|                                                                                       |  |                                             |  |                    |  | SHEET                                                                                 |  | 11 OF 13        |  |
|                                                                                       |  |                                             |  |                    |  | REV                                                                                   |  | H6              |  |

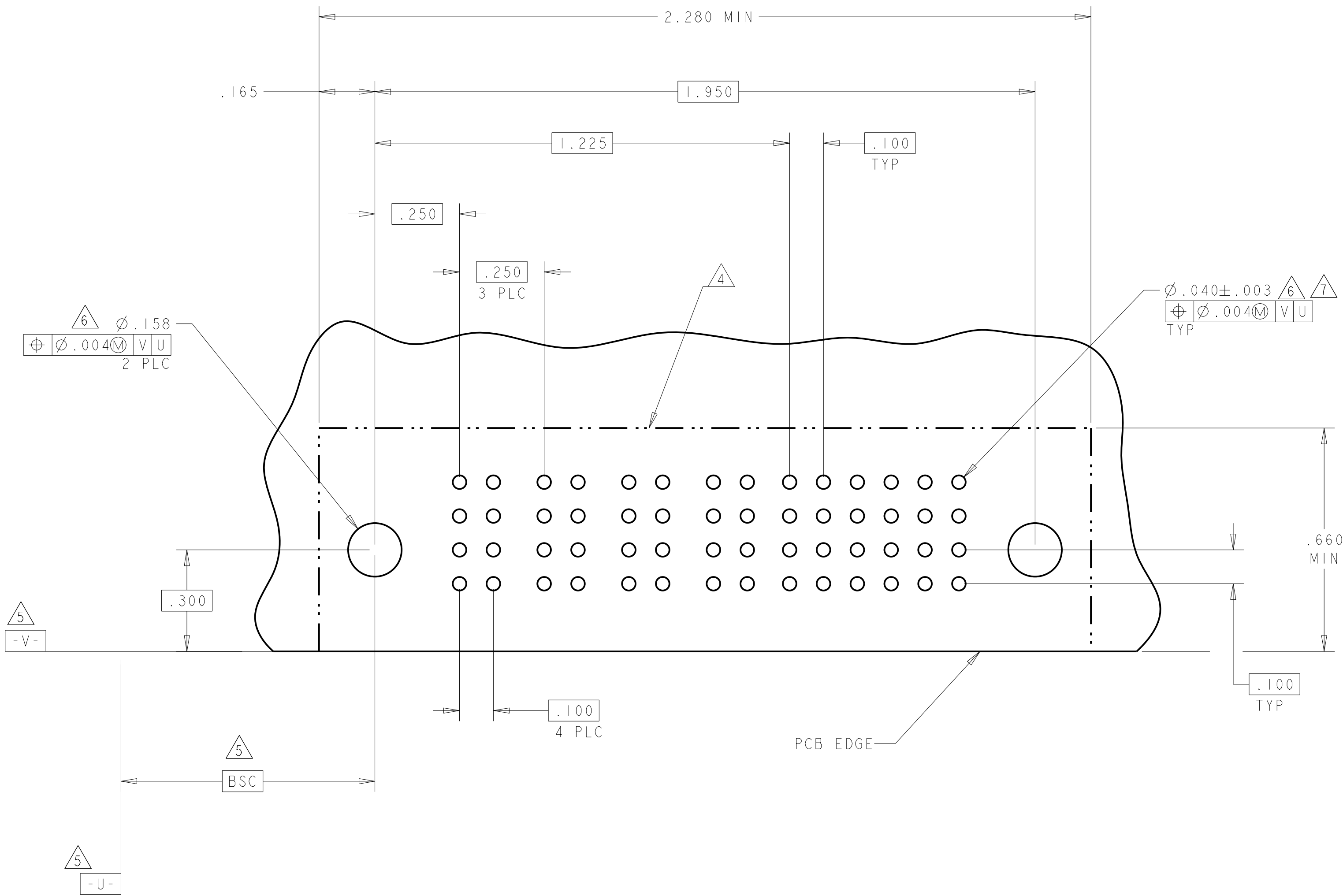




3-6450332-1 AND 3-6450332-3 PCB LAYOUT

|                                                                                       |  |                                                                                       |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN. GRZYBOWSKI 24JAN05<br>CHK. M. PERCZERNEK 24JAN05                                 |  |  TE Connectivity |  |
| DIMENSIONS:<br>INCHES                                                                 |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>DECIMALS: ±.<br>FRACTIONS: ±.<br>ANGLES: ±° |  | NAME: RIGHT ANGLE SOLDER HEADER ASSEMBLY<br>MULTI-BEAM XL                                             |  |
|  |  | PART: M. PERCZERNEK<br>PRODUCT SPEC: 108-1973<br>APPLICATION SPEC: 114-13038          |  | SIZE: CAGE CODE: DRAWING NO: A100779 © 6450332                                                        |  |
| MATERIAL: -<br>FINISH: -                                                              |  | WEIGHT: -<br>CUSTOMER DRAWING: -                                                      |  | RESTRICTED TO: -<br>SCALE: 4:1 SHEET 12 OF 13 REV H6                                                  |  |

[illegible]4805 (3/11)

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[2-6450332-1](#)