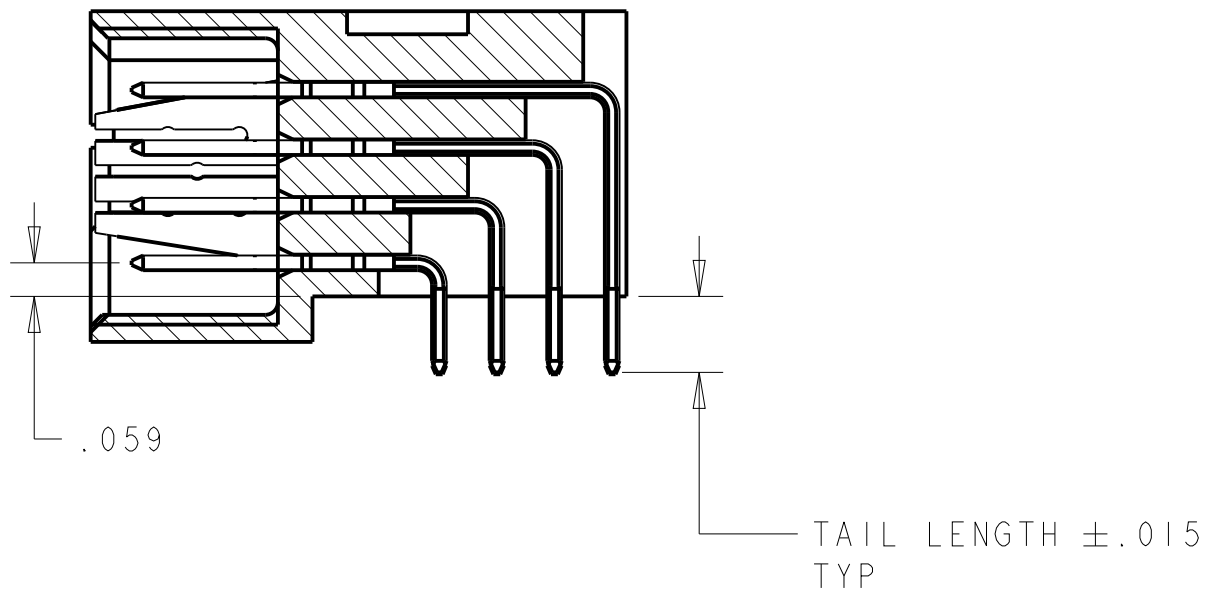
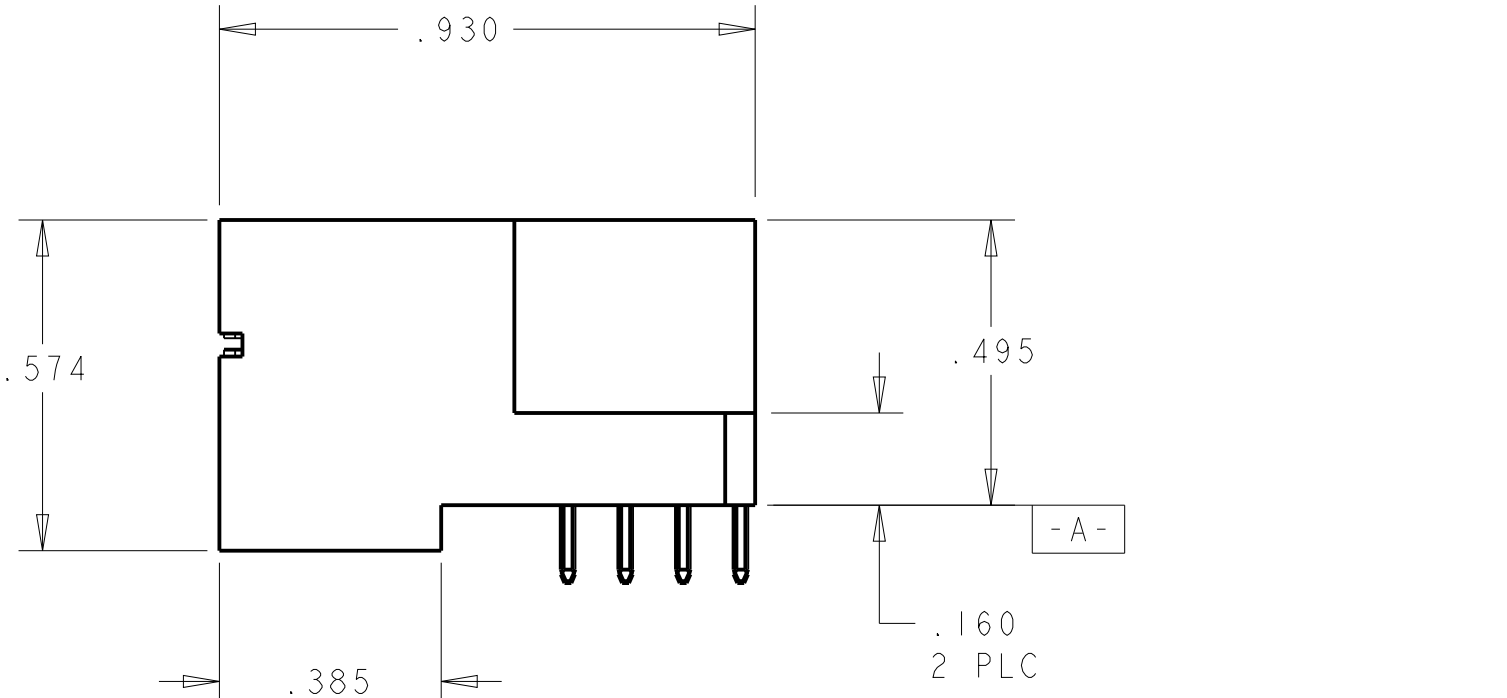
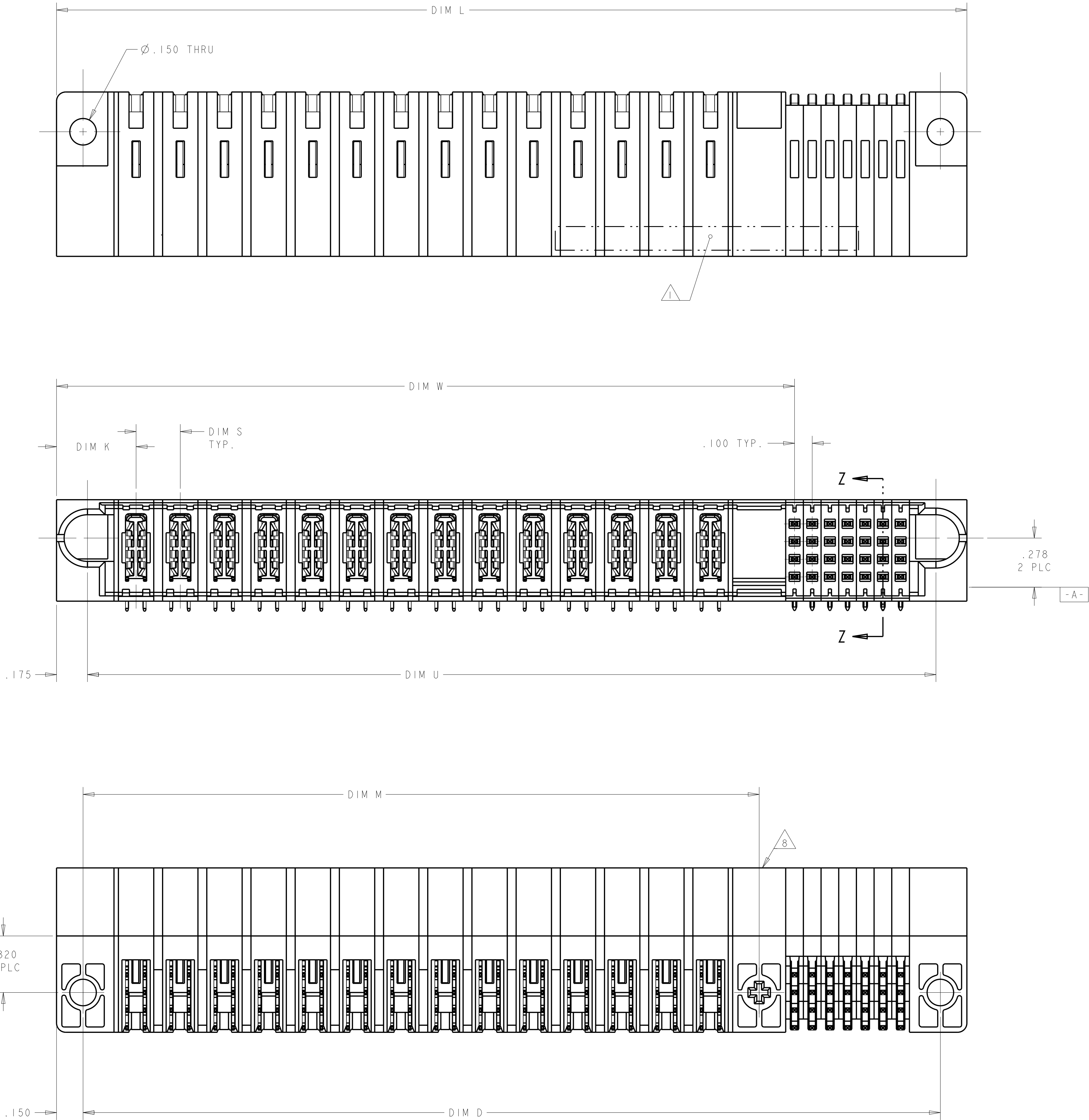


| LOC |    | DIST |     | REVISIONS             |           |     |      |  |
|-----|----|------|-----|-----------------------|-----------|-----|------|--|
| ES  | 00 | P    | LTR | DESCRIPTION           | DATE      | DWN | APVD |  |
|     |    | H4   |     | ADDED DASH NUMBER -33 | 25FEB2013 | CZ  | SZ   |  |
|     |    |      |     |                       |           |     |      |  |
|     |    |      |     |                       |           |     |      |  |



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

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

- 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 24JAN05  
CHK M. PERCHERKE 24JAN05  
APVD M. PERCHERKE

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

CUSTOMER DRAWING

SCALE 4:1

SHEET 2 OF 13

REV H6

TE Connectivity

NAME

RIGHT ANGLE SOLDER HEADER ASSEMBLY  
MULTI-BEAM XL

SIZE

A1

CAGE CODE

00779

DRAWING NO

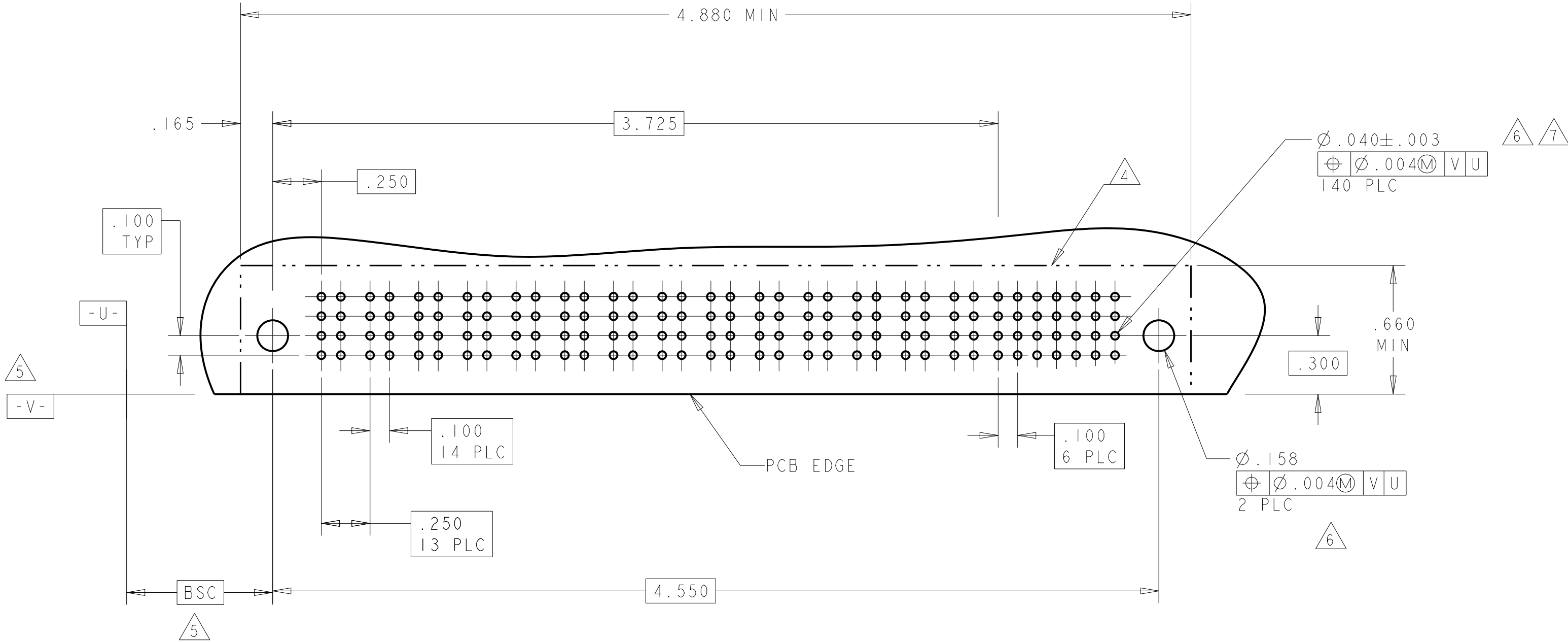
6450332

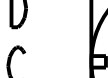
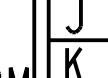
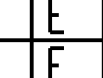
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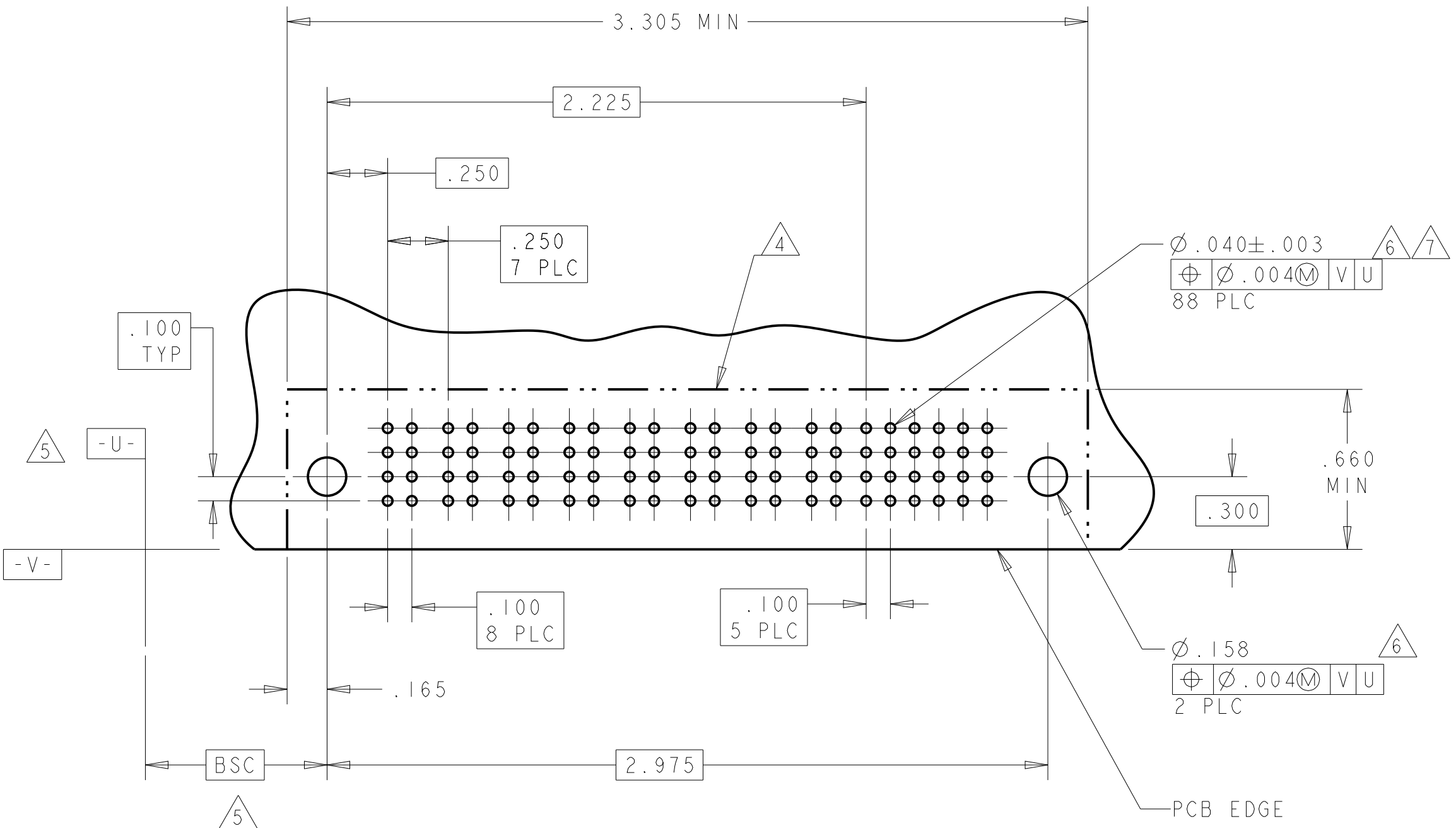
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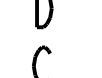
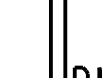
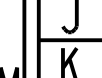
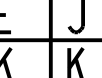
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|-----|----|------|-----|-------------|------|-----|------|--|
| ES  | 00 | P    | LTR | DESCRIPTION | DATE | DWN | APVD |  |
|     |    |      | -   | SEE SHEET 1 | -    | -   | -    |  |
|     |    |      |     |             |      |     |      |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

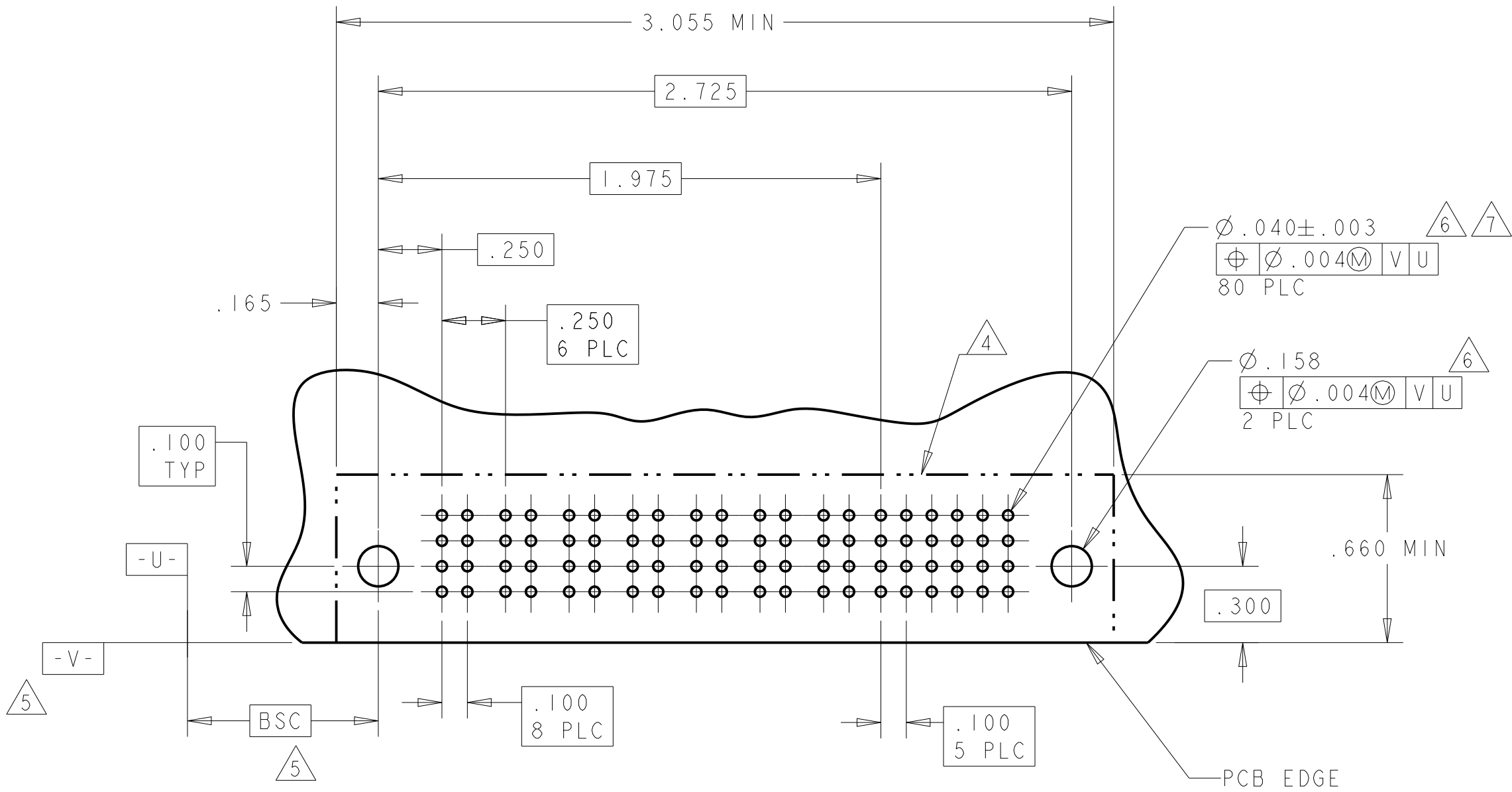
| ASSY PART NUMBER | ROWS             |                                                                                   | POWER                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | SIGNAL |   |   |   |   |   |   |                                                                                     |  |
|------------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|---|---|---|---|---|---|-------------------------------------------------------------------------------------|--|
|                  |                  |                                                                                   | P1                                                                                | P2                                                                                | P3                                                                                | P4                                                                                | P5                                                                                | P6                                                                                | P7                                                                                | P8                                                                                  | P9                                                                                  | P10                                                                                 | P11                                                                                 | P12                                                                                 | P13                                                                                 | P14                                                                                 | 1      | 2 | 3 | 4 | 5 | 6 | 7 |                                                                                     |  |
| 6450332-2        | D<br>C<br>B<br>A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | E      | E | E | E | E | E | E |  |  |
|                  |                  |                                                                                   | F                                                                                 | F                                                                                 | F                                                                                 | F                                                                                 | F                                                                                 | F                                                                                 | F                                                                                 | F                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |        |   |   |   |   |   |   |                                                                                     |  |
|                  |                  |                                                                                   | G                                                                                 | G                                                                                 | G                                                                                 | G                                                                                 | G                                                                                 | G                                                                                 | G                                                                                 | G                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |        |   |   |   |   |   |   |                                                                                     |  |
|                  |                  |                                                                                   | S                                                                                 | S                                                                                 | S                                                                                 | S                                                                                 | H                                                                                 | H                                                                                 | H                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |        |   |   |   |   |   |   |                                                                                     |  |
| 14P + 28S        |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |        |   |   |   |   |   |   |                                                                                     |  |



| 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 |   |  |
|             |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | S  | S      | S | S | H | H |   |  |
| 8P + 24S    |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |        |   |   |   |   |   |  |



| 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 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|             |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |  |
|             |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |  |
|             |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |  |
| 7P + 24S    |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |  |

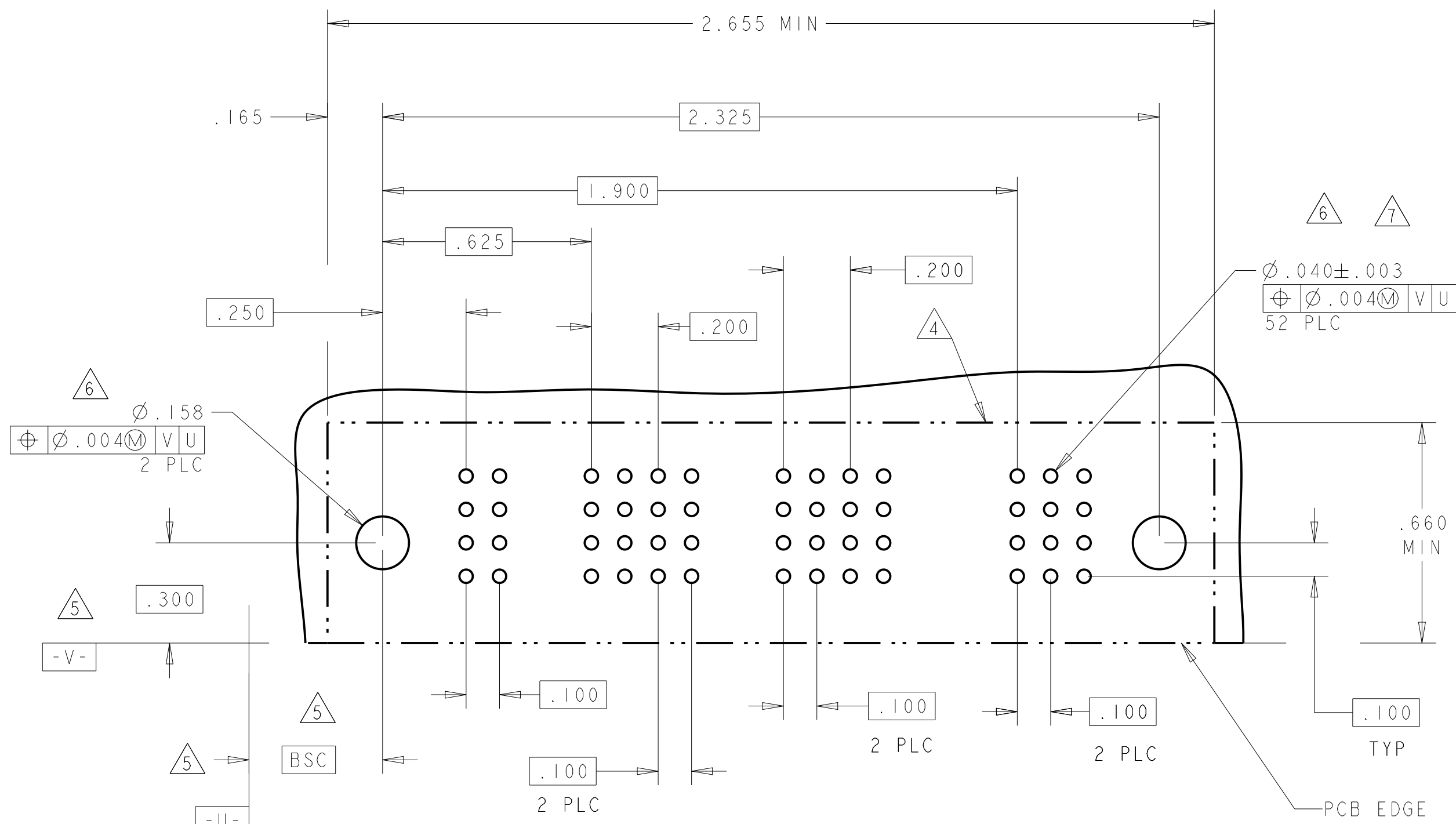


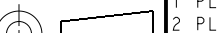
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|----------------|-----------------|-------------|-----|
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| Y              | STD             | .090        | C   |
| R              | STD             | .090        | B   |
| O              | STD             | .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 |                 |             |     |

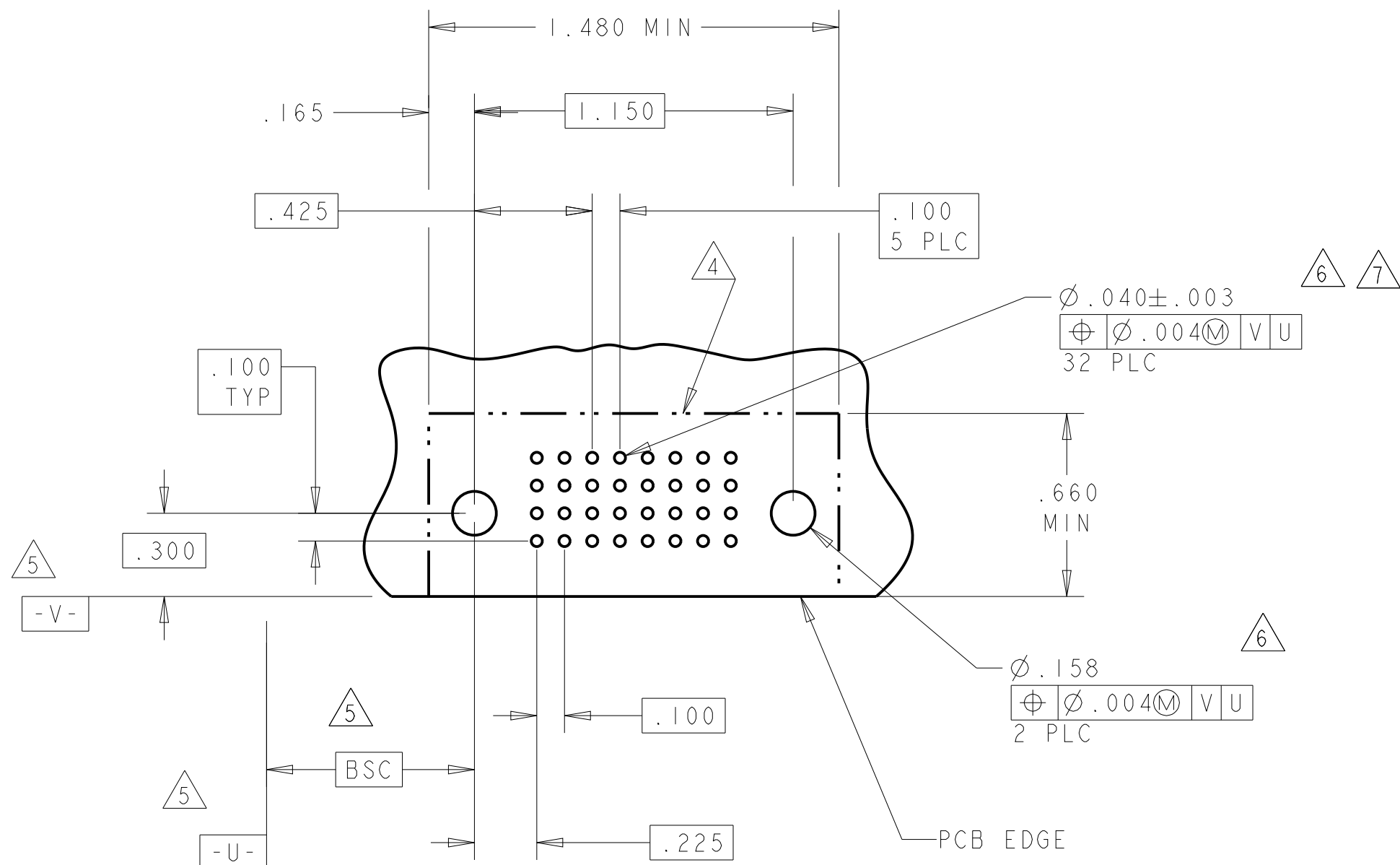
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|---------------|-------------|
| PA            | .090        |
| PM            | .135        |
| CODE          | TAIL LENGTH |
| POWER CONTACT |             |

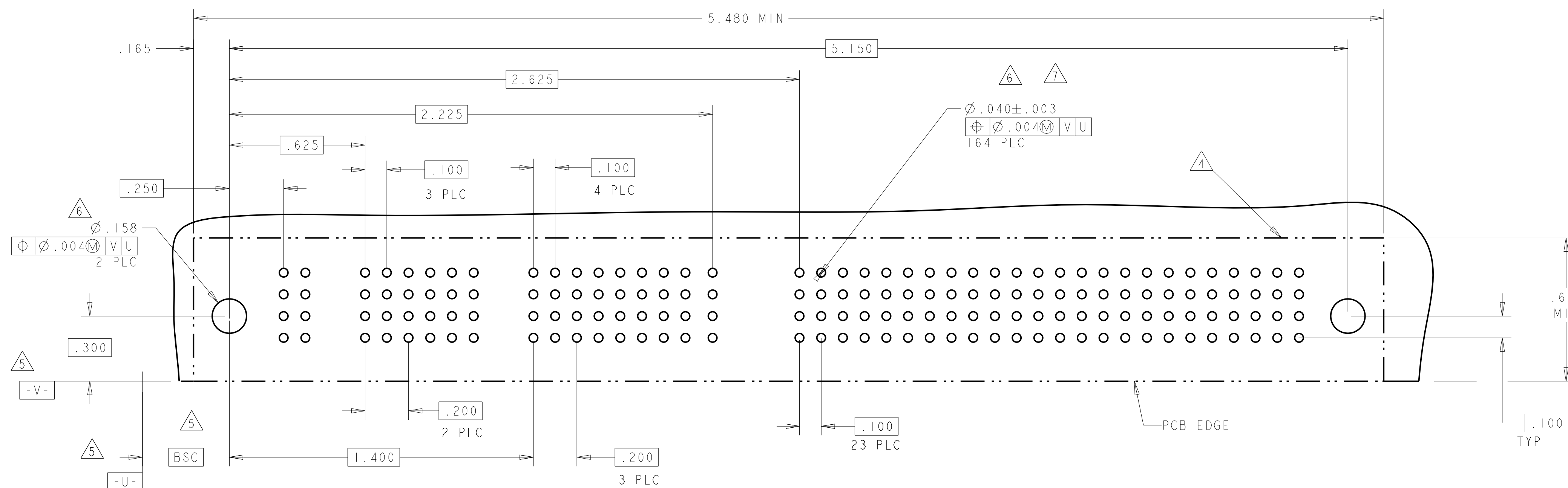
|                                        |  |                            |                                                       |  |
|----------------------------------------|--|----------------------------|-------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | OWN R. GRZYBOWSKI 24JAN05  |                                                       |  |
|                                        |  | CHK M. PERCHERKE 24JAN05   |                                                       |  |
|                                        |  | APVD M. PERCHERKE          |                                                       |  |
| DIMENSIONS: INCHES                     |  | PRODUCT SPEC 108-1973      | NAME RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL |  |
|                                        |  | APPLICATION SPEC 114-13038 | SIZE CAGE CODE DRAWING NO                             |  |
|                                        |  | ANGLES FINISH              | A100779C=6450332                                      |  |
| MATERIAL                               |  | WEIGHT                     | RESTRICTED TO                                         |  |
|                                        |  |                            | CUSTOMER DRAWING                                      |  |
|                                        |  | SCALE 4:1                  | SHEET 3 OF 13                                         |  |
|                                        |  |                            | REV H6                                                |  |

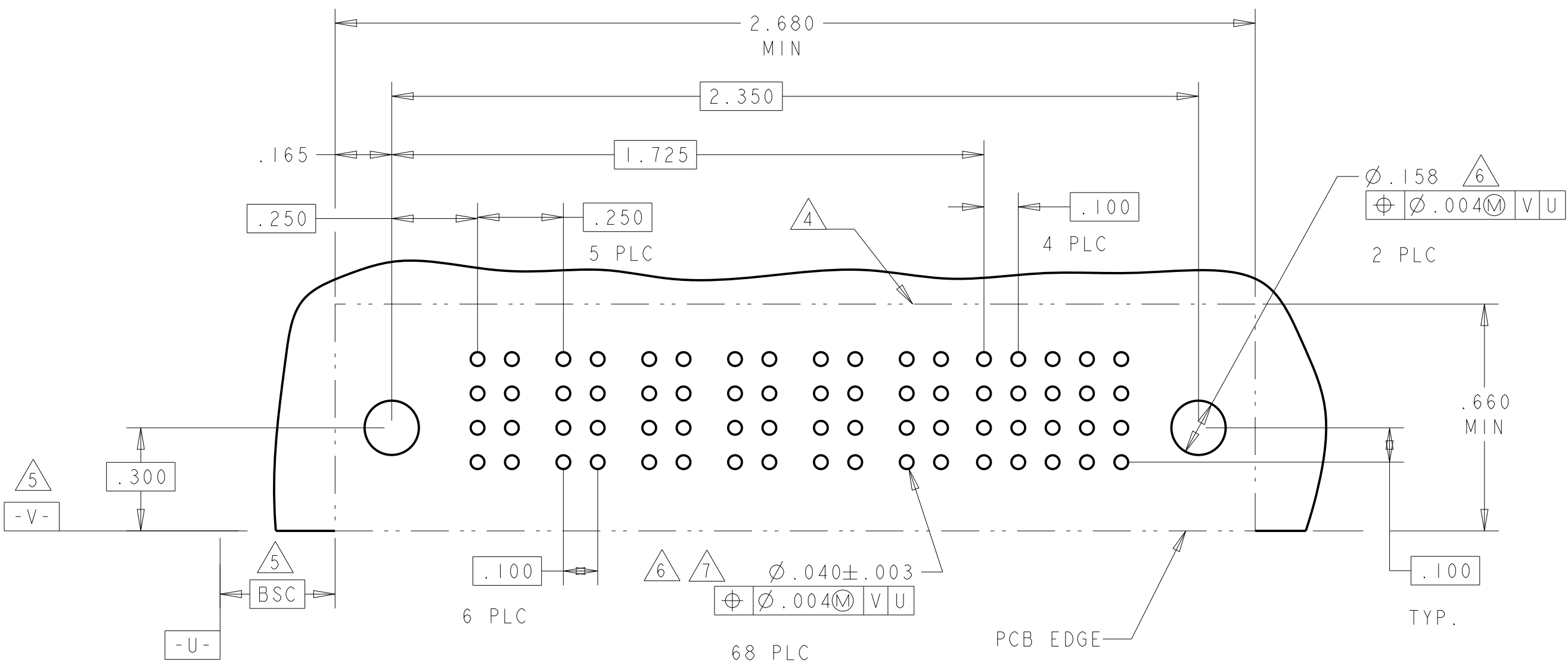
| PART NUMBER | ROWS |                                                                                     | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     | SIGNAL                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  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                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |
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|             |      |                                                                                     | P1                                                                                  | P2                                                                                  | P3                                                                                  | P4                                                                                  | P5                                                                                  | 1                                                                                   | 2                                                                                   | 3                                                                                   | 4                                                                                   | 5                                                                                   | 6                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  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                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |
| 1-6450332-2 | D    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

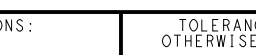


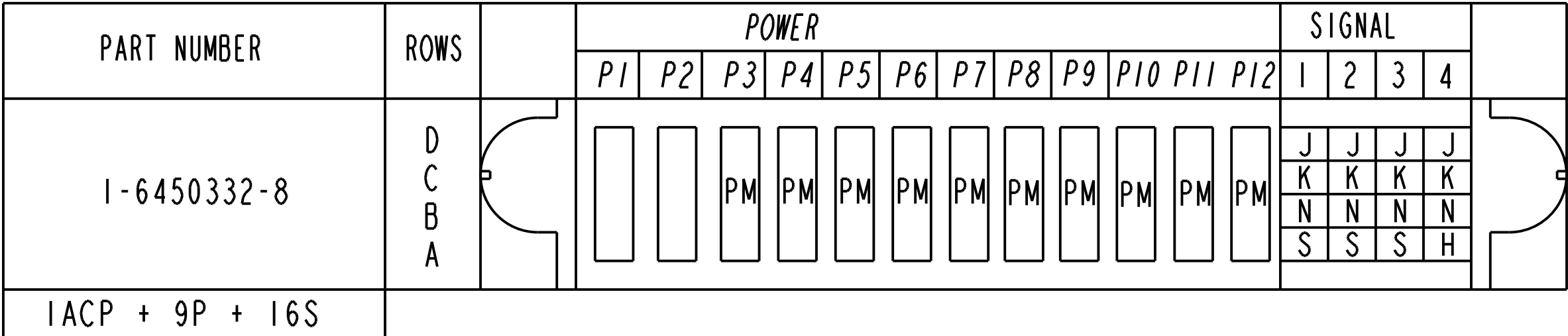
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|--------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|----------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                             |  |  |  |  |  | DWG<br>N. GRZYBOWSKI                                           | 24JAN05 |                                                                                                       |  |
| DIMENSIONS:<br>INCHES<br><br> |  |  |  |  |  | CHK<br>M. PERCHERRE                                            | 24JAN05 |  TE Connectivity |  |
|                                                                                                                    |  |  |  |  |  | TOI ERANCES UNLESS OTHERWISE SPECIFIED.<br>EXPLOD M. PERCHERRE |         | NAME<br>RIGHT ANGLE SOLDER HEADER ASSEMBLY MULTI-BEAM XL                                              |  |
| 0 PLC #1<br>1 PLC #2<br>2 PLC #01<br>3 PLC #005<br>4 PLC #0020<br>ANGLES ±0°                                       |  |  |  |  |  | PRODUCT SPEC<br>108-1973                                       |         | SIZE CAGE CODE DRAWING NO                                                                             |  |
|                                                                                                                    |  |  |  |  |  | APPLICATION SPEC<br>114-13038                                  |         | RESTRICTED TO                                                                                         |  |
| MATERIAL -                                                                                                         |  |  |  |  |  | WEIGHT -                                                       |         | A100779C6450332 -                                                                                     |  |
| FINISH -                                                                                                           |  |  |  |  |  | CUSTOMER DRAWING                                               |         | SCALE 4:1 SHEET 4 OF 13 REV H6                                                                        |  |



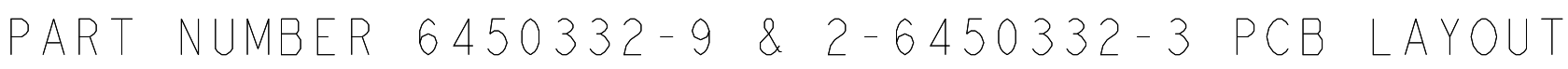
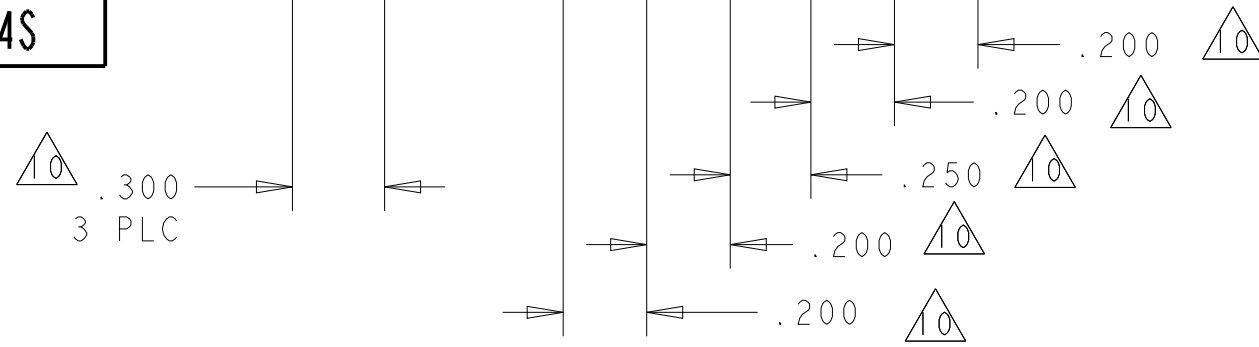
[illegible]4805 (3/11)



|                                                                                       |  |                                                                         |  |                                                                                                       |                |
|---------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|----------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWA<br>R. GRZYBOWSKI<br>24JAN05                                         |  |  TE Connectivity |                |
|                                                                                       |  | CHP<br>M. PERCHERKE<br>24JAN05                                          |  |                                                                                                       |                |
| DIMENSIONS:<br>INCHES                                                                 |  | TOLERANCES, UNLESS<br>OTHERWISE SPECIFIED:                              |  | NAME                                                                                                  |                |
|  |  | 0 PLC ±.01<br>2 PLC ±.01<br>2 PLC ±.005<br>4 PLC ±.0020<br>ANGLES ±.75° |  | RIGHT ANGLE SOLDER HEADER ASSEMBLY<br>MULTI-BEAM XL                                                   |                |
|                                                                                       |  | PRODUCT SPEC                                                            |  | -                                                                                                     |                |
|                                                                                       |  | 108-1973                                                                |  | -                                                                                                     |                |
|                                                                                       |  | APPLICATION SPEC                                                        |  | -                                                                                                     |                |
| MATERIAL                                                                              |  | FINISH                                                                  |  | SIZE                                                                                                  | CASE CODE      |
| -                                                                                     |  | -                                                                       |  | 114-13038                                                                                             | DRAWING NO     |
|                                                                                       |  |                                                                         |  | WEIGHT                                                                                                | RESTRICTED TO  |
|                                                                                       |  |                                                                         |  | -                                                                                                     | -              |
| CUSTOMER DRAWING                                                                      |  |                                                                         |  | A1                                                                                                    | 00779C-6450332 |
|                                                                                       |  |                                                                         |  | SCALE                                                                                                 | 4:1            |
|                                                                                       |  |                                                                         |  | SHEET                                                                                                 | 6 OF 13        |
|                                                                                       |  |                                                                         |  | REV                                                                                                   | H6             |



| PART NUMBER     | ROWS |                                                                                     | POWER                                                                               |    |    |    |    |    |    |    |    | SIGNAL |    |   |   |   |   |   |   |
|-----------------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|----|----|----|----|----|----|----|--------|----|---|---|---|---|---|---|
|                 |      |                                                                                     | P1                                                                                  | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | 1      | 2  | 3 | 4 | 5 | 6 |   |   |
| 2-6450332-3     | D    |  |  | PM | 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 |      |                                                                                     |                                                                                     |    |    |    |    |    |    |    |    |        |    |   |   |   |   |   |   |

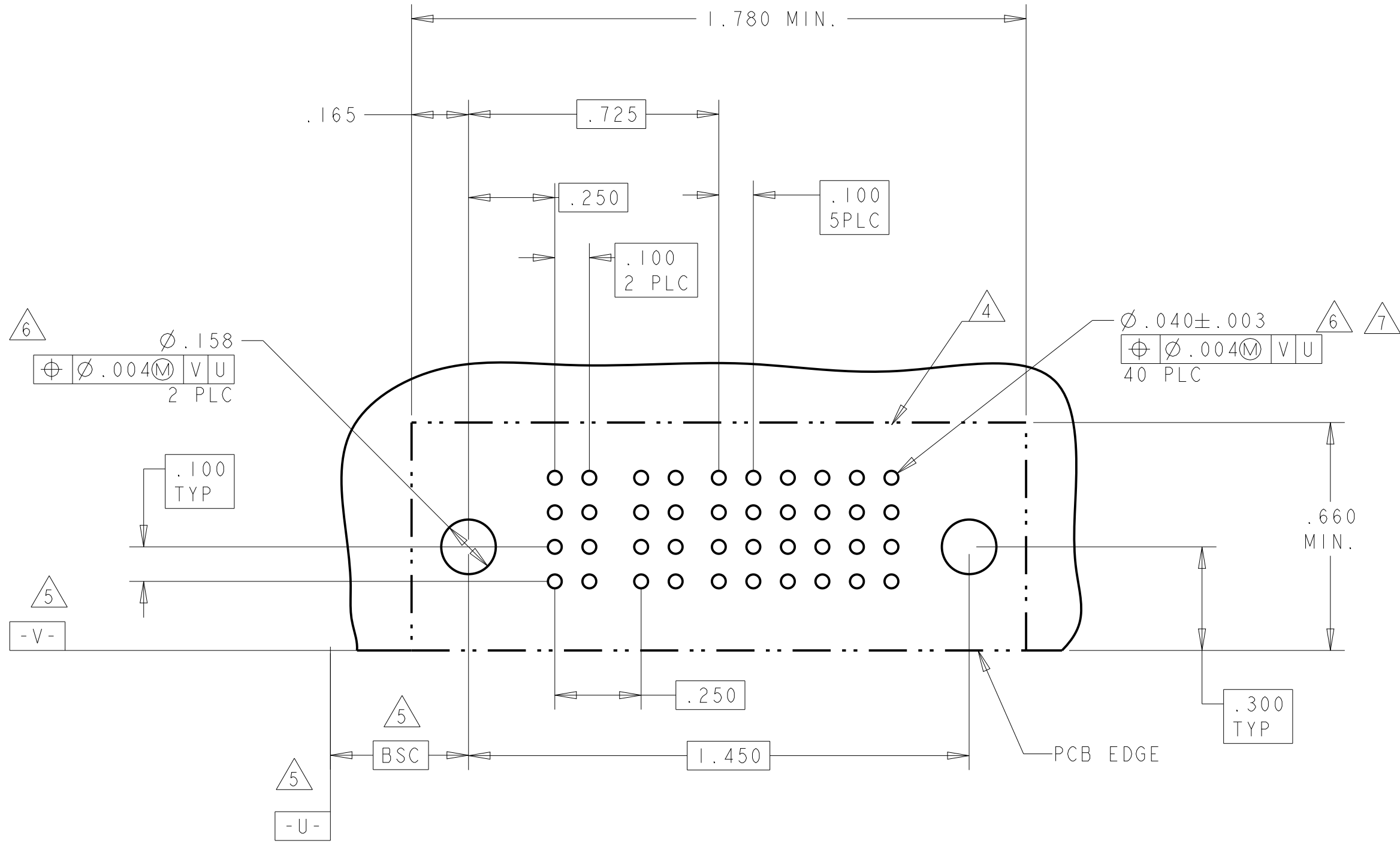
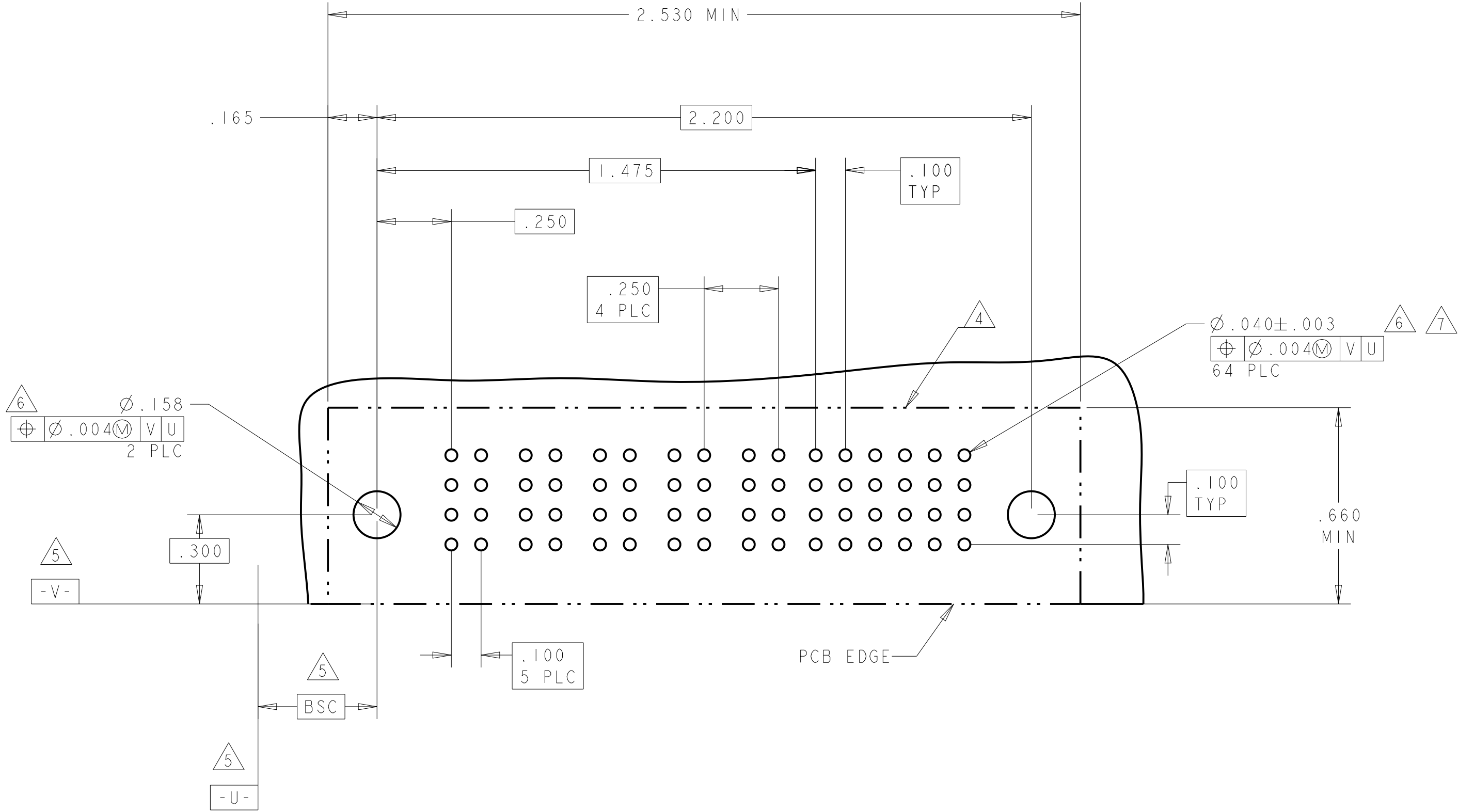


|                                        |  |                                           |  |                                                     |  |
|----------------------------------------|--|-------------------------------------------|--|-----------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN 24JAN05<br>R. GRZYBOWSKI              |  | TE Connectivity                                     |  |
| DIMENSIONS:<br>INCHES                  |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  | NAME                                                |  |
|                                        |  | CHW 24JAN05<br>M. PERCHERKE               |  | RIGHT ANGLE SOLDER HEADER ASSEMBLY<br>MULTI-BEAM XL |  |
|                                        |  | APVD -                                    |  | PRODUCT SPEC                                        |  |
|                                        |  | M. PERCHERKE                              |  | 108-1973                                            |  |
|                                        |  | APPLICATION SPEC                          |  | 114-13038                                           |  |
| MATERIAL                               |  | FINISH                                    |  | SIZE CAGE CODE DRAWING NO RESTRICTED TO             |  |
| -                                      |  | -                                         |  | A 00779 © 6450332 -                                 |  |
|                                        |  |                                           |  | CUSTOMER DRAWING SCALE 4:1 SHEET 7 OF 13 REV H6     |  |

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

| PART NUMBER | ROWS |  | POWER |    |    |    |    | SIGNAL |   |   |   |   |   |  |
|-------------|------|--|-------|----|----|----|----|--------|---|---|---|---|---|--|
|             |      |  | P1    | P2 | P3 | P4 | P5 | 1      | 2 | 3 | 4 | 5 | 6 |  |
|             |      |  | PM    | PM | PM | PM | PM | E      | E | E | E | E | E |  |
| 2-6450332-0 | D    |  | PM    | PM | PM | PM | PM | K      | F | F | F | F | F |  |
|             | C    |  |       |    |    |    |    | N      | G | G | G | G | G |  |
|             | B    |  |       |    |    |    |    | H      | H | H | H | H | S |  |
|             | A    |  |       |    |    |    |    |        |   |   |   |   |   |  |
| 5P + 24S    |      |  |       |    |    |    |    |        |   |   |   |   |   |  |

| PART NUMBER | ROWS |  | POWER |    | SIGNAL |   |   |   |   |   |  |
|-------------|------|--|-------|----|--------|---|---|---|---|---|--|
|             |      |  | P1    | P2 | 1      | 2 | 3 | 4 | 5 | 6 |  |
|             |      |  | PM    | PM | J      | J | J | J | J | J |  |
| 6450332-8   | D    |  | PM    | PM | K      | F | K | K | K | K |  |
|             | C    |  |       |    | N      | N | N | N | N | N |  |
|             | B    |  |       |    | S      | S | S | S | S | S |  |
|             | A    |  |       |    |        |   |   |   |   |   |  |
| 2P + 24S    |      |  |       |    |        |   |   |   |   |   |  |



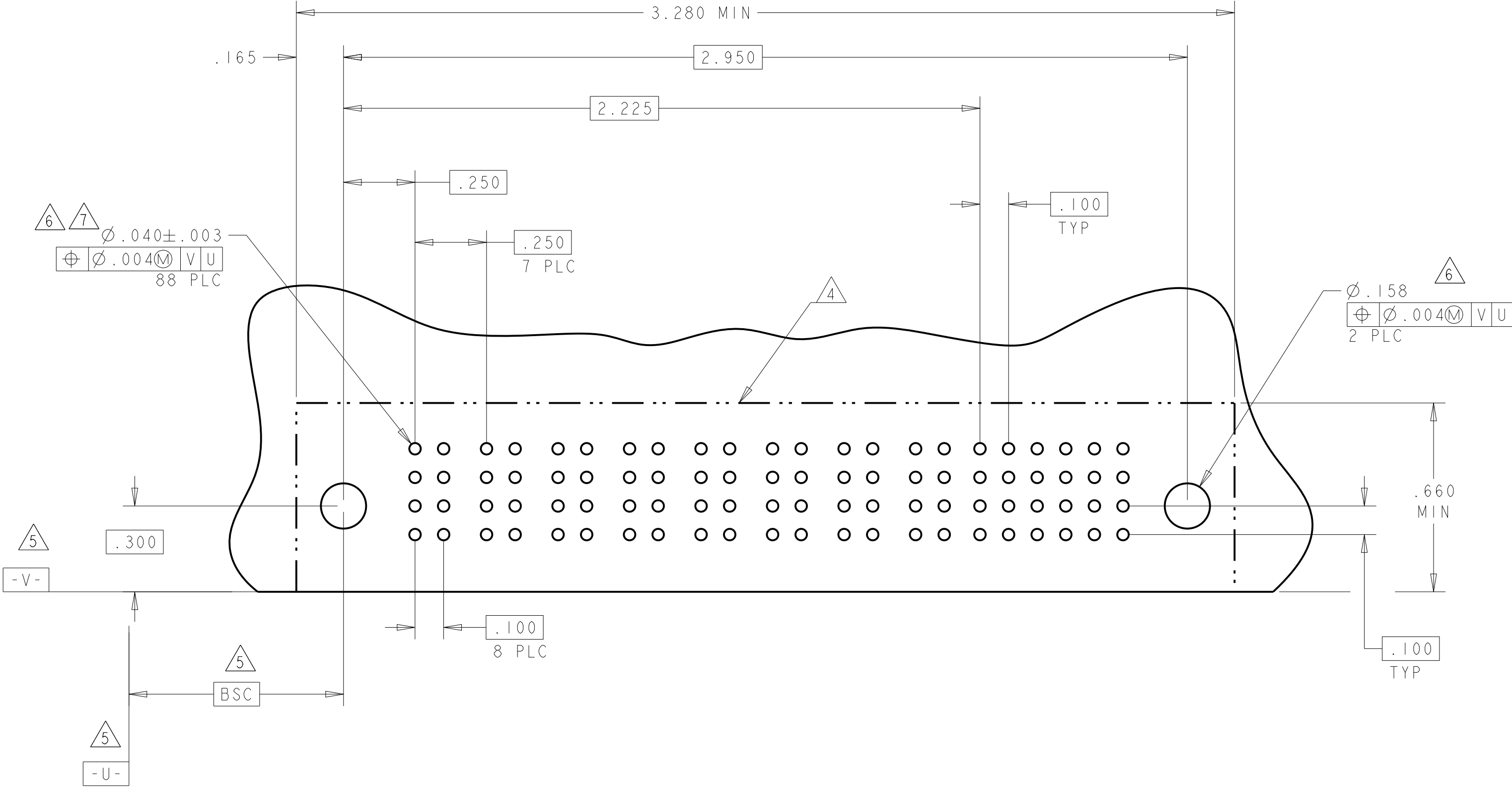
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| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                                | DWN<br>R. GRZYBOWSKI<br>CHK<br>M. PERCHERKE<br>APVD<br>M. PERCHERKE      | 24JAN05<br>24JAN05<br>-                                                        |
| DIMENSIONS:<br>INCHES                  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                         |                                                                          |                                                                                |
|                                        | 0 PLC ±.01<br>1 PLC ±.01<br>2 PLC ±.01<br>3 PLC ±.005<br>4 PLC ±.0020<br>ANGLES ±.2°<br>FINISH | PRODUCT SPEC<br>108-1973<br>APPLICATION SPEC<br>114-13038<br>WEIGHT<br>- | NAME<br>RIGHT ANGLE SOLDER HEADER ASSEMBLY<br>MULTI-BEAM XL<br>-<br>SIZE<br>A1 |
|                                        | MATERIAL<br>-                                                                                  |                                                                          | CAGE CODE<br>100779                                                            |
|                                        | CUSTOMER DRAWING                                                                               |                                                                          | DRAWING NO<br>6450332                                                          |
|                                        | SCALE<br>4:1                                                                                   |                                                                          | RESTRICTED TO<br>-                                                             |
|                                        |                                                                                                | SHEET<br>8                                                               | OF<br>13                                                                       |
|                                        |                                                                                                | REV<br>H6                                                                |                                                                                |

TE

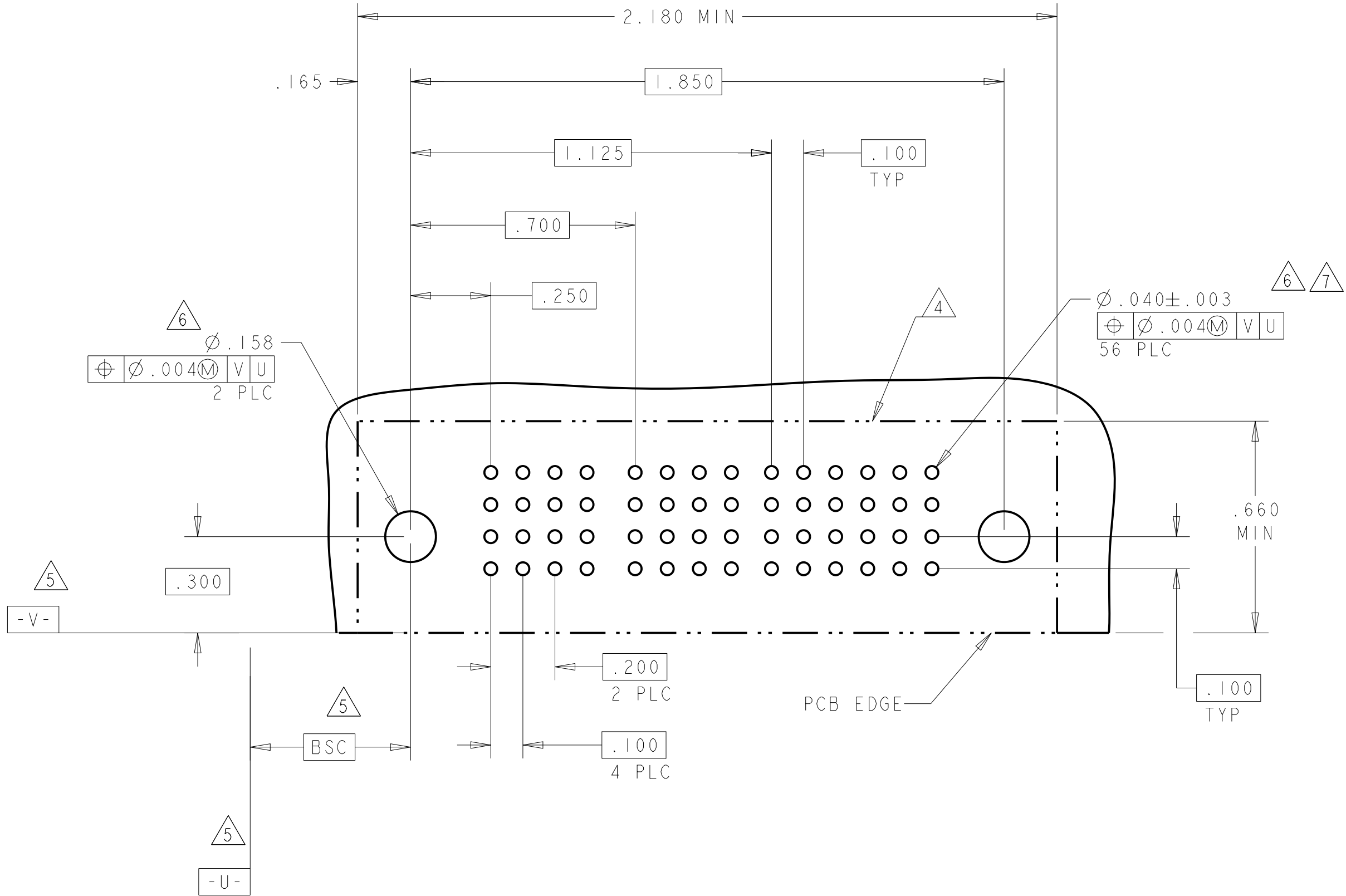
TE Connectivity

| LOC |    | DIST |     | REVISIONS   |      |     |      |  |
|-----|----|------|-----|-------------|------|-----|------|--|
| ES  | 00 | P    | LTR | DESCRIPTION | DATE | DWN | APVD |  |
|     |    | -    |     | SEE SHEET 1 | -    | -   | -    |  |
|     |    |      |     |             |      |     |      |  |
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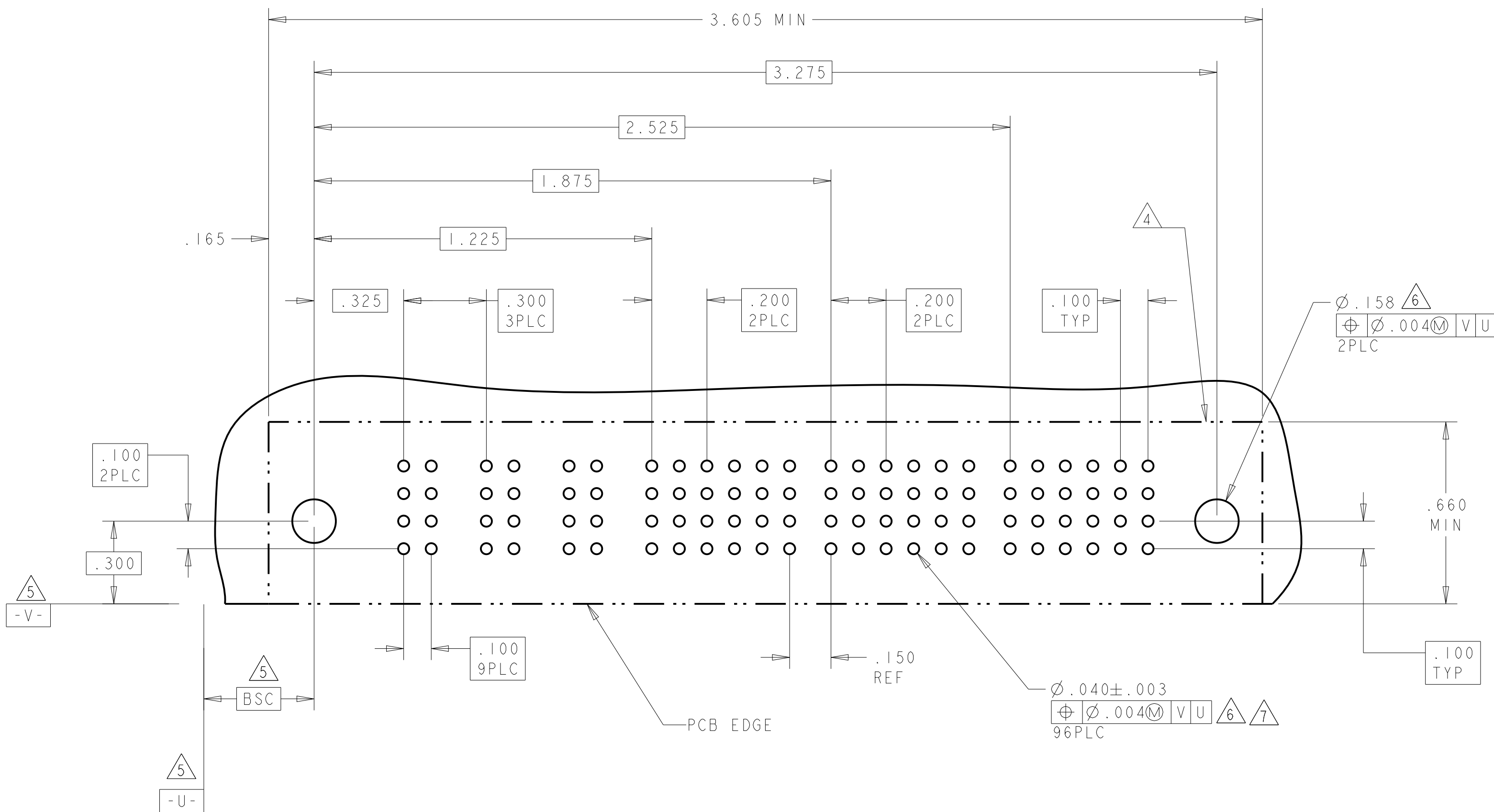
| PART NUMBER | ROWS             |  | POWER |    |    |    |    |    |    |    | SIGNAL |   |   |   |   |   |   |  |
|-------------|------------------|--|-------|----|----|----|----|----|----|----|--------|---|---|---|---|---|---|--|
|             |                  |  | P1    | P2 | P3 | P4 | P5 | P6 | 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    |                  |  |       |    |    |    |    |    |    |    |        |   |   |   |   |   |   |  |



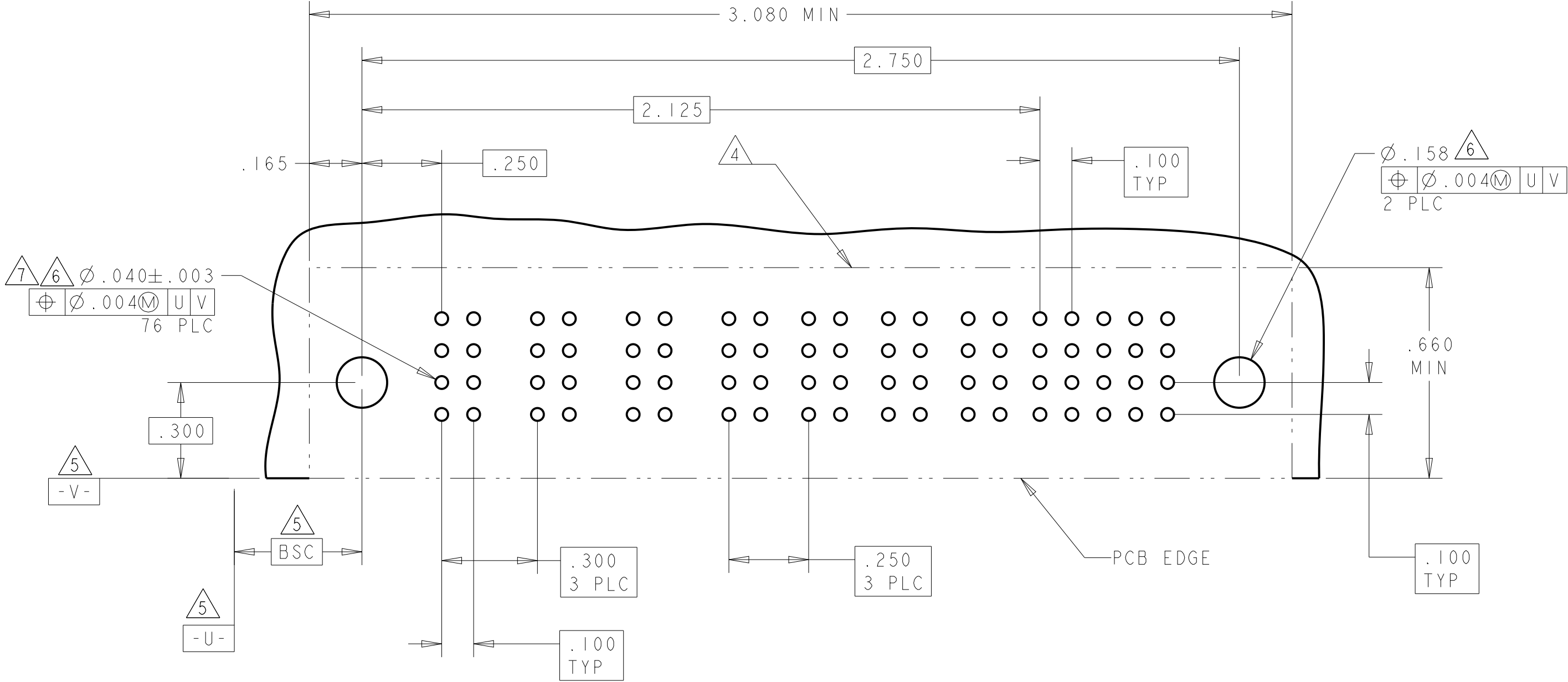
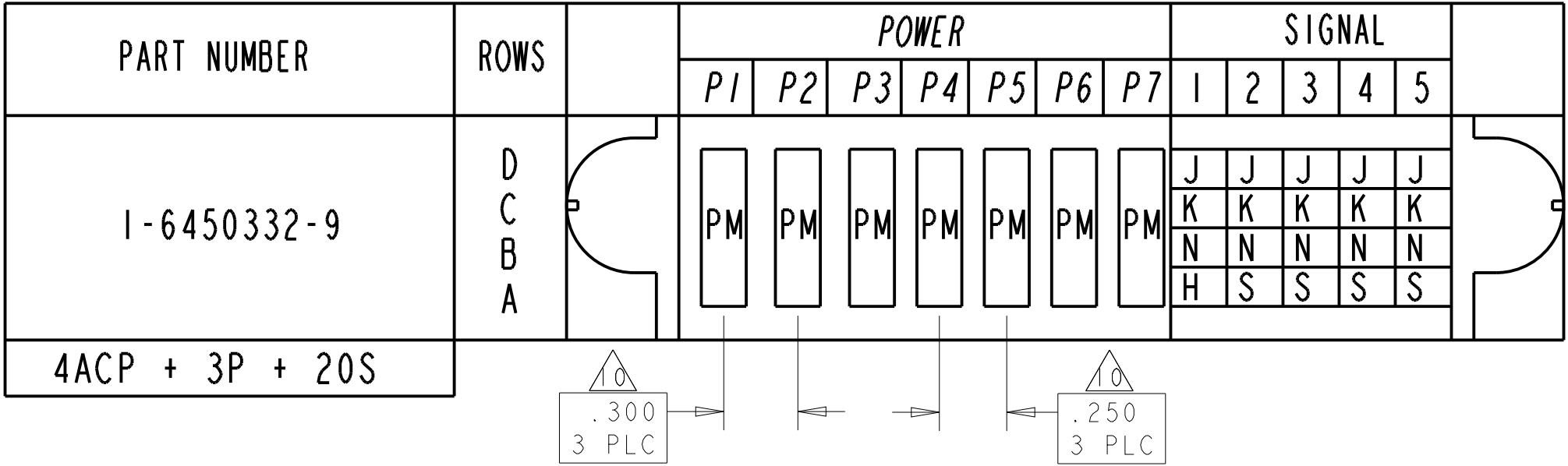
| PART NUMBER | ROWS             |  | POWER |    |    |    | SIGNAL |   |   |   |   |   |   |  |
|-------------|------------------|--|-------|----|----|----|--------|---|---|---|---|---|---|--|
|             |                  |  | P1    | P2 | P3 | P4 | 1      | 2 | 3 | 4 | 5 | 6 |   |  |
| 2-6450332-5 | 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    |                  |  |       |    |    |    |        |   |   |   |   |   |   |  |

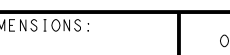


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|----------------------------------------|--|----------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | OWN<br>R. GRZYBOWSKI<br>CHK<br>M. PERCHERKE<br>APVD<br>M. PERCHERKE                          | 24JAN05 |                                                                     |  |
| DIMENSIONS:<br>INCHES                  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                       |         | NAME<br>RIGHT ANGLE SOLDER HEADER ASSEMBLY<br>MULTI-BEAM XL         |  |
|                                        |  | 0 PLC ±.01<br>1 PLC ±.01<br>2 PLC ±.01<br>3 PLC ±.005<br>4 PLC ±.002<br>ANGLES ±2°<br>FINISH |         | PRODUCT SPEC<br>108-1973<br>APPLICATION SPEC<br>114-13038<br>WEIGHT |  |
| MATERIAL                               |  | -                                                                                            |         | SIZE<br>A100779                                                     |  |
| CUSTOMER DRAWING                       |  | SCALE<br>4:1                                                                                 |         | SHEET<br>9 OF 13                                                    |  |
|                                        |  |                                                                                              |         | REV<br>H6                                                           |  |

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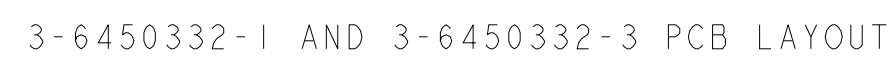
| LOC | DIST | REVISIONS |     |             |      |     |
|-----|------|-----------|-----|-------------|------|-----|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN |
| ES  | 00   | -         | -   | SEE SHEET 1 | -    | -   |
|     |      |           |     |             |      |     |
|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



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



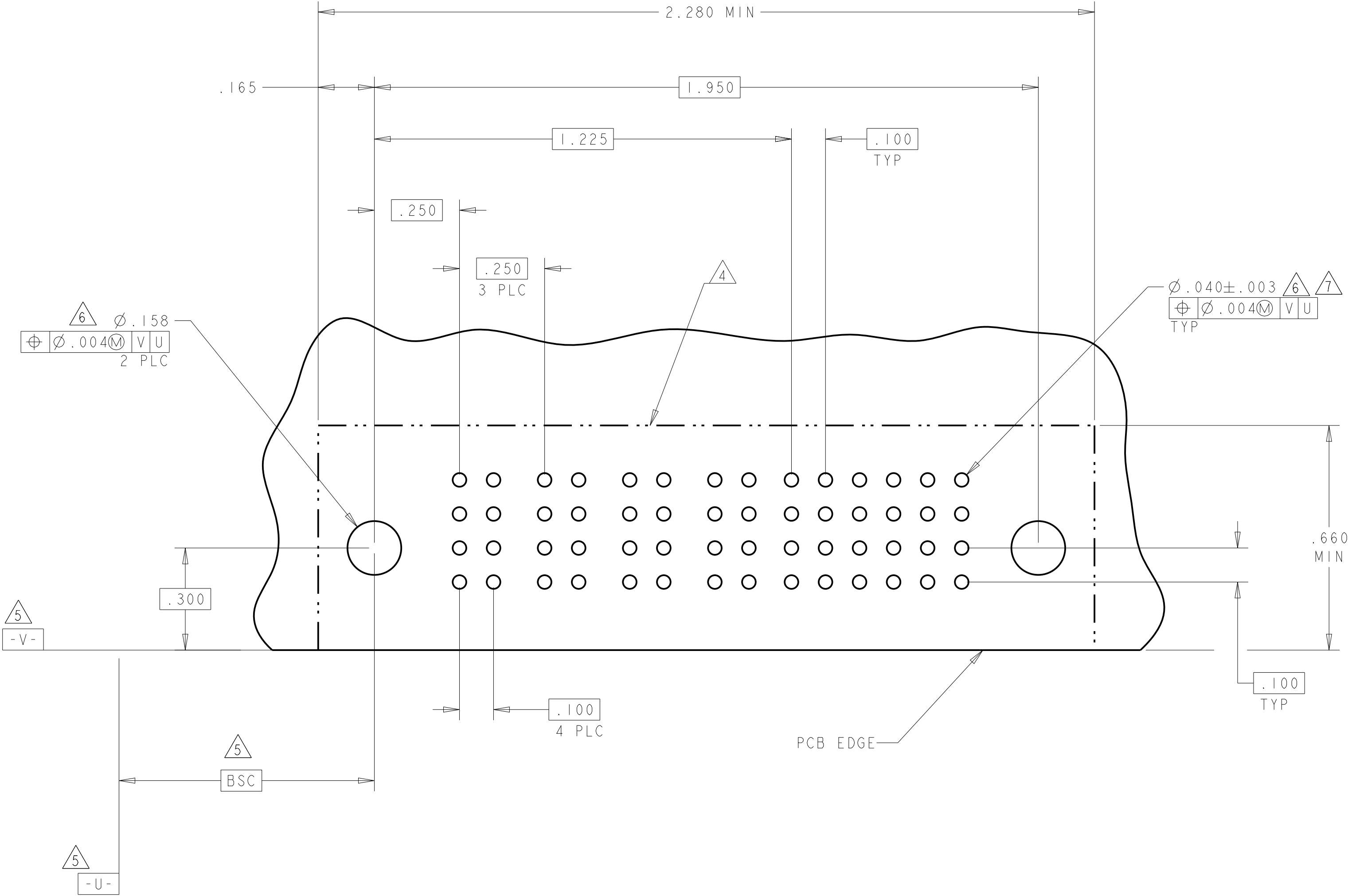
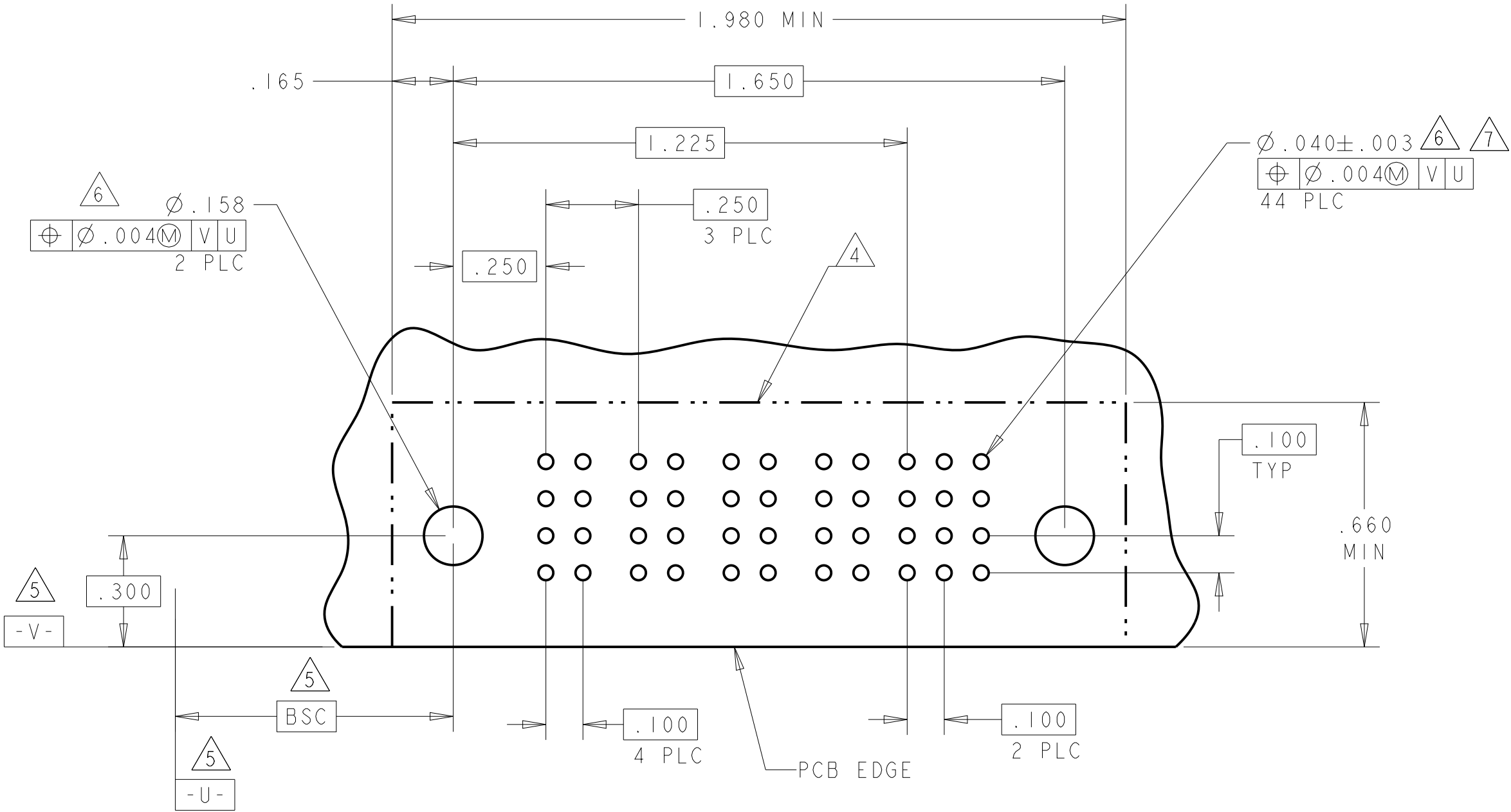


4805 (3/11)

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

| PART NUMBER | ROWS             |  | POWER |    |    |    | SIGNAL |   |   |   |  |
|-------------|------------------|--|-------|----|----|----|--------|---|---|---|--|
|             |                  |  | P1    | P2 | P3 | P4 | 1      | 2 | 3 |   |  |
| 3-6450332-2 | D<br>C<br>B<br>A |  |       | PM | PM | PM | PM     | J | E | J |  |
|             |                  |  |       |    |    |    |        | K | F | F |  |
|             |                  |  |       |    |    |    |        | N | N | N |  |
|             |                  |  |       |    |    |    |        | S | S | S |  |
| 4P + 12S    |                  |  |       |    |    |    |        |   |   |   |  |

| PART NUMBER | ROWS             |  | POWER |    |    |    | SIGNAL |   |   |   |   |   |   |  |
|-------------|------------------|--|-------|----|----|----|--------|---|---|---|---|---|---|--|
|             |                  |  | P1    | P2 | P3 | P4 | 1      | 2 | 3 | 4 | 5 | 6 |   |  |
| 3-6450332-4 | D<br>C<br>B<br>A |  |       | PM | PM | PM | PM     | E | E | J | J | J | E |  |
|             |                  |  |       |    |    |    |        | K | F | F | F | K | F |  |
|             |                  |  |       |    |    |    |        | N | G | G | G | N | G |  |
|             |                  |  |       |    |    |    |        | S | H | S | S | H | H |  |
| 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 ±.0020  
ANGLES ±2°  
FINISH -

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

NAME  
RIGHT ANGLE SOLDER HEADER ASSEMBLY  
MULTI-BEAM XL

SIZE  
A100779

CAGE CODE  
C=6450332

DRAWING NO  
-

RESTRICTED TO  
-

SCALE  
4:1

SHEET  
13

OF  
13

REV  
H6

TE Connectivity

# Mouser Electronics

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