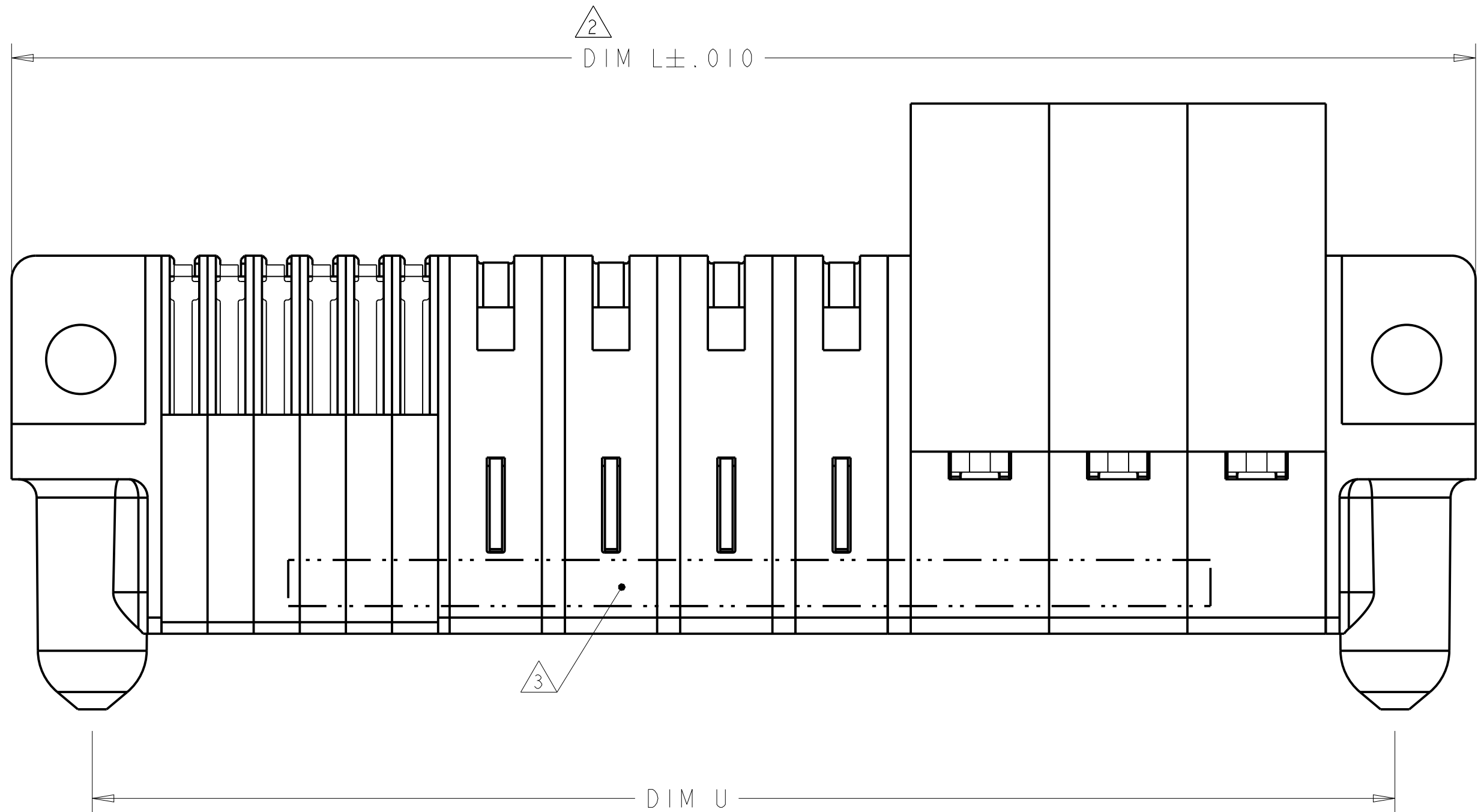
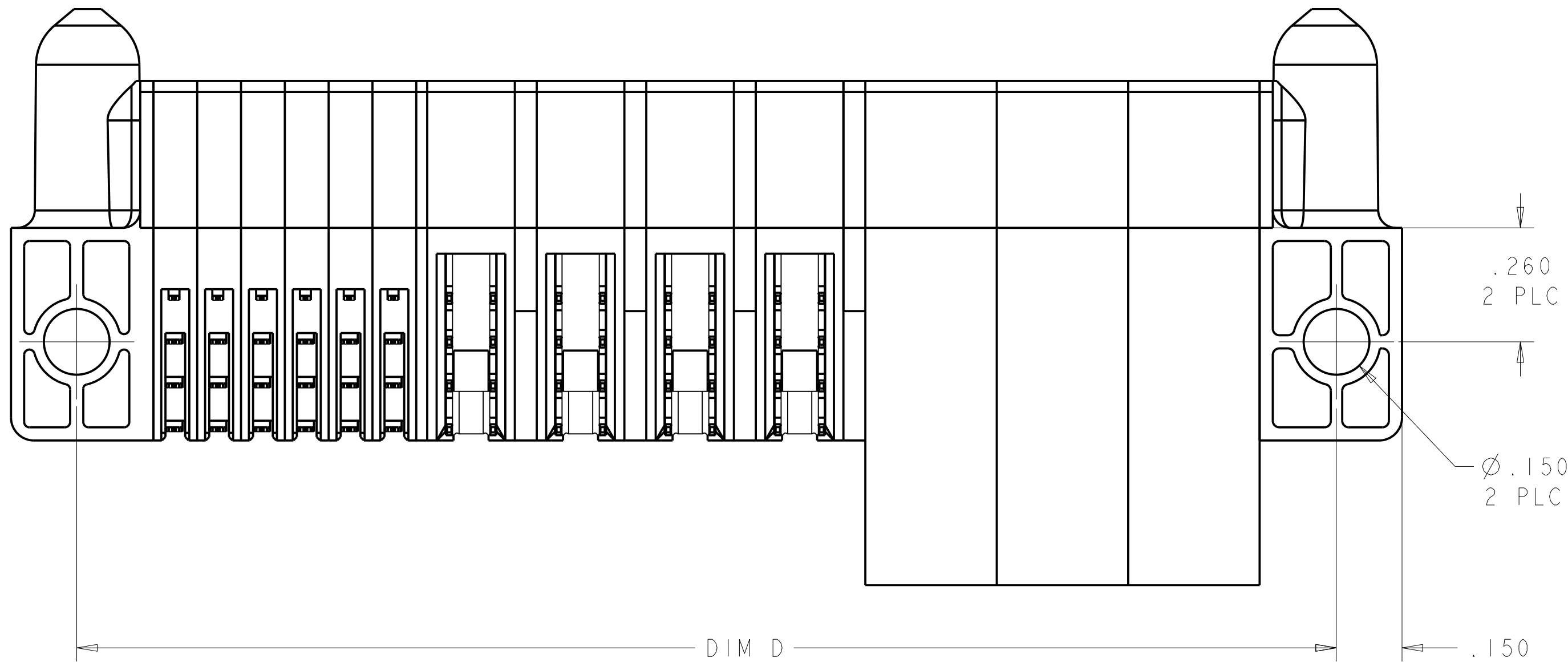
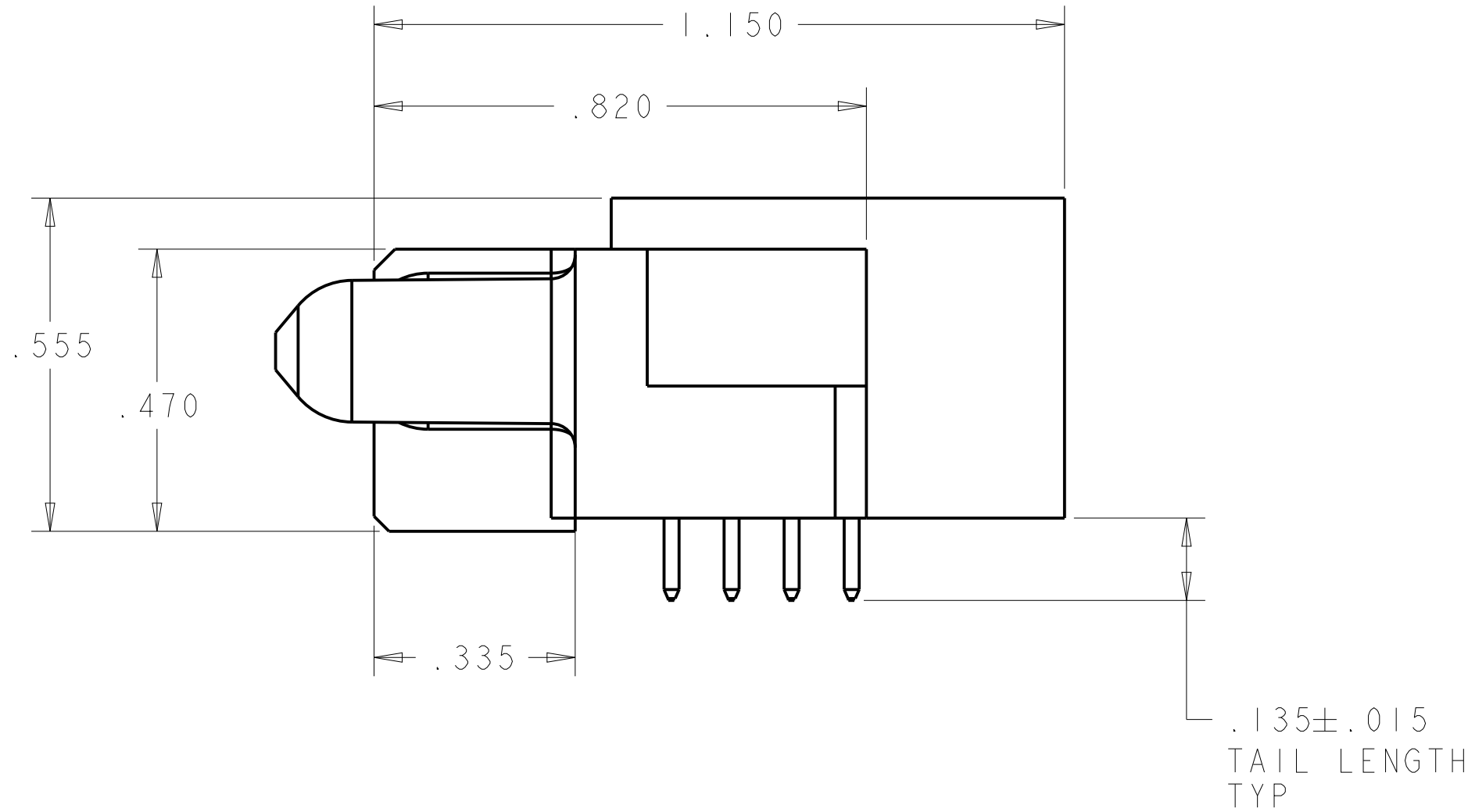
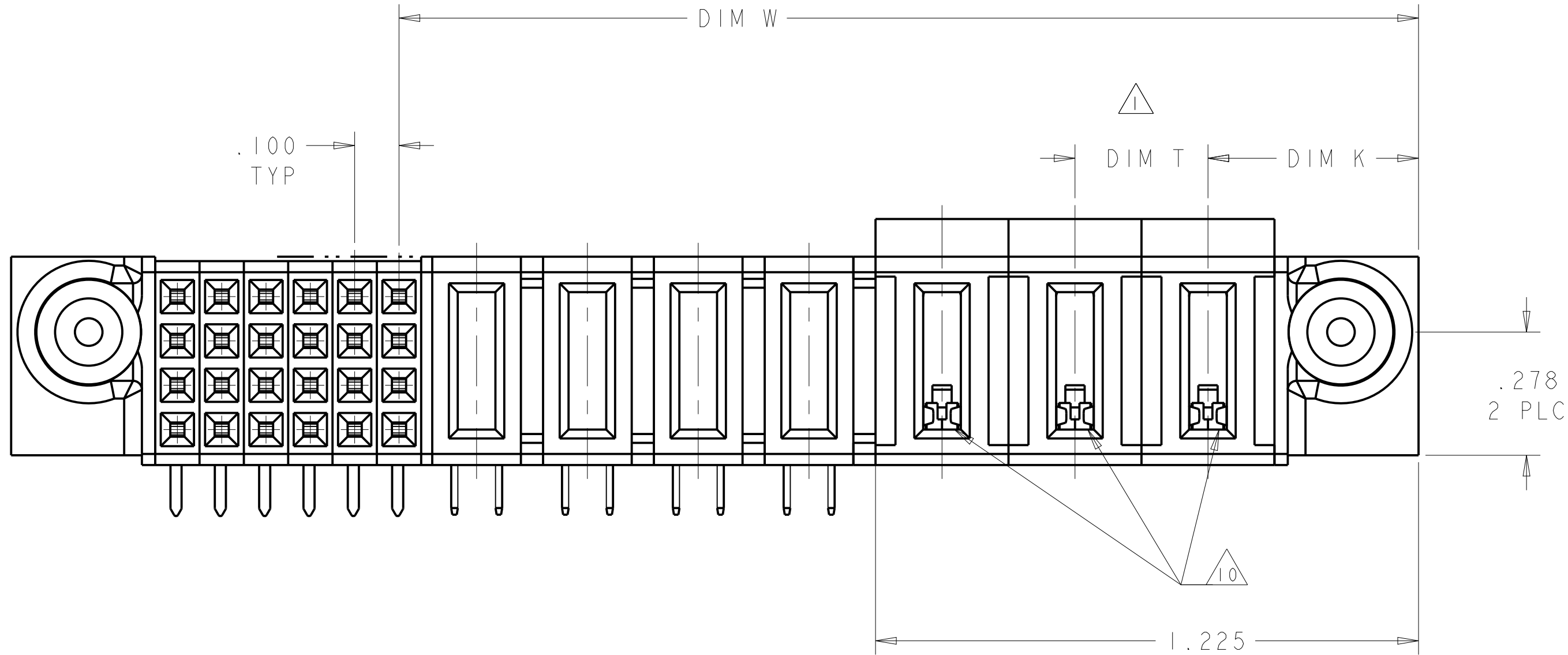


| LOC |    | DIST |     | REVISIONS                |           |     |      |  |
|-----|----|------|-----|--------------------------|-----------|-----|------|--|
| ES  | 00 | P    | LTR | DESCRIPTION              | DATE      | DWN | APVD |  |
|     |    | C6   |     | ADDED NEW DASH NUMBER -7 | 29JAN2014 | CZ  | SZ   |  |
|     |    |      |     |                          |           |     |      |  |
|     |    |      |     |                          |           |     |      |  |



- △1 DIMENSION IS CENTERLINE SPACING OF POWER MODULES ON RIGHT SIDE OF HOUSING.
- △2 THE MAXIMUM OVERALL LENGTH OF A PART IS 8.00.
- △3 "AMP", PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN. PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES.
- △4 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-O.  
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY  
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- △5 CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
- △6 MECHANICAL CONNECTOR KEEP OUT ZONE.
- △7 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- △8 PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
- △9 PCB - .0453±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 DIAMETER HOLE
- △10 A/C POWER CABLE CONTACT LOADED IN THESE CAVITIES.
- △11 VARIABLE DIMENSION SHOW ON VIEW.



|    |        |       |       |       |       |       |       |       |                 |             |
|----|--------|-------|-------|-------|-------|-------|-------|-------|-----------------|-------------|
| C5 | △2.775 | △.250 | .300  | 1.900 | 4.125 | 4.175 | 4.475 | .475  | 5ACP + 32S + 6P | 6450378-7   |
|    | -      | -     | △.300 | 2.300 | 2.825 | 2.875 | 3.175 | .475  | 3ACP + 4P + 24S | 6450378-6   |
|    | △2.775 | △.250 | .300  | 1.900 | 4.125 | 4.175 | 4.475 | .475  | 5ACP + 32S + 6P | 6450378-5   |
|    | -      | -     | .300  | 1.275 | 1.600 | 1.650 | 1.950 | .475  | 3ACP + 16S      | 6450378-4   |
|    | -      | -     | △.300 | 2.675 | 3.225 | 3.275 | 3.575 | .525  | 3ACP + 6P + 24S | 6450378-3   |
|    | -      | -     | △.300 | 2.300 | 2.825 | 2.875 | 3.175 | .475  | 3ACP + 4P + 24S | 6450378-1   |
|    | DIM R  | DIM S | DIM T | DIM W | DIM U | DIM D | DIM L | DIM K | DESCRIPTION     | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

DWN D.ZHU 26JUN2007  
CHK S.ZHAO 26JUN2007  
APVD S.YAO

PRODUCT SPEC  
108-1973  
APPLICATION SPEC  
114-13038

WEIGHT  
-

CUSTOMER DRAWING

NAME  
RIGHT ANGLE RECEPTACLE ASSEMBLY  
A/C PASS THRU W/GUIDES  
MULTI-BEAM XL

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
6450378

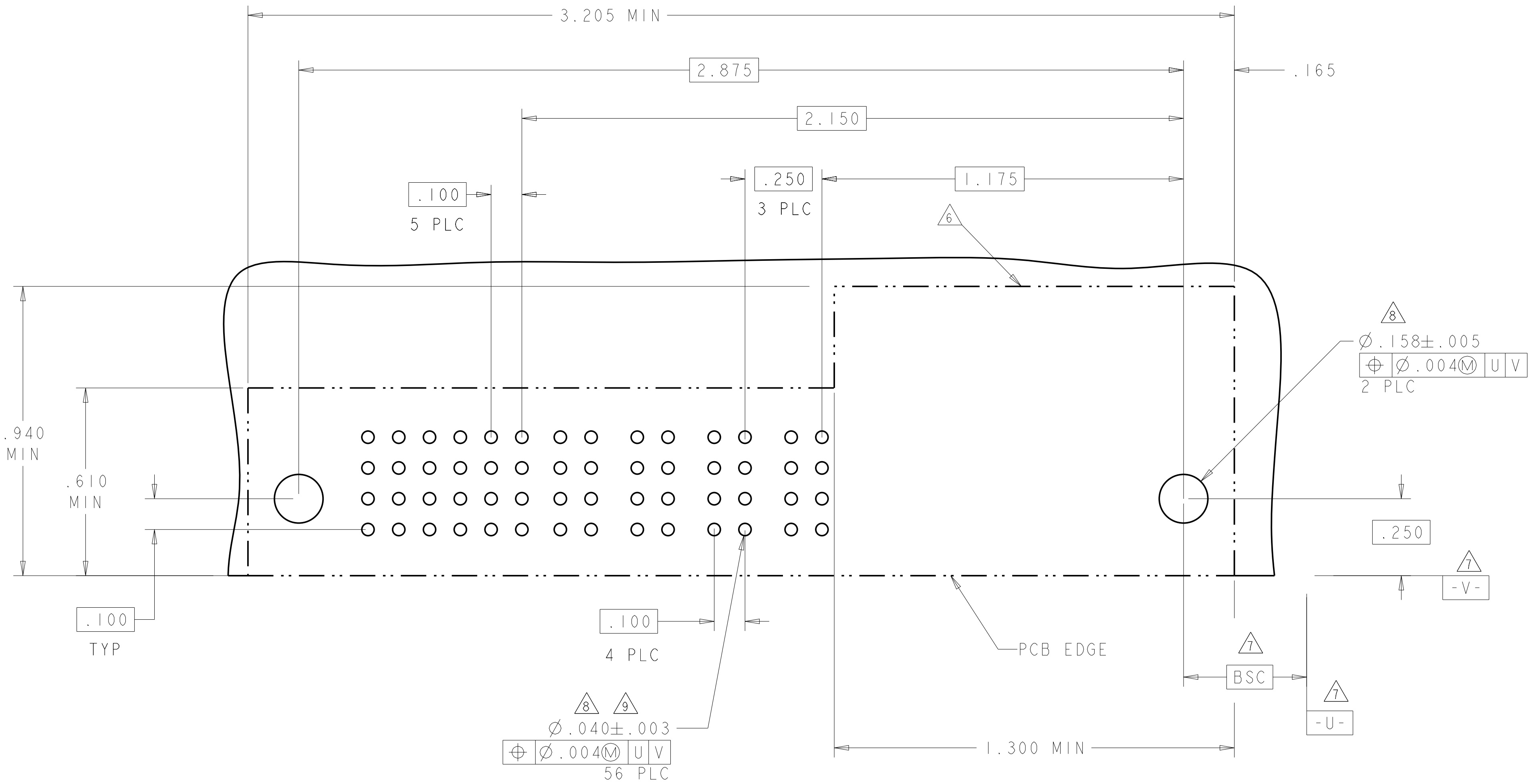
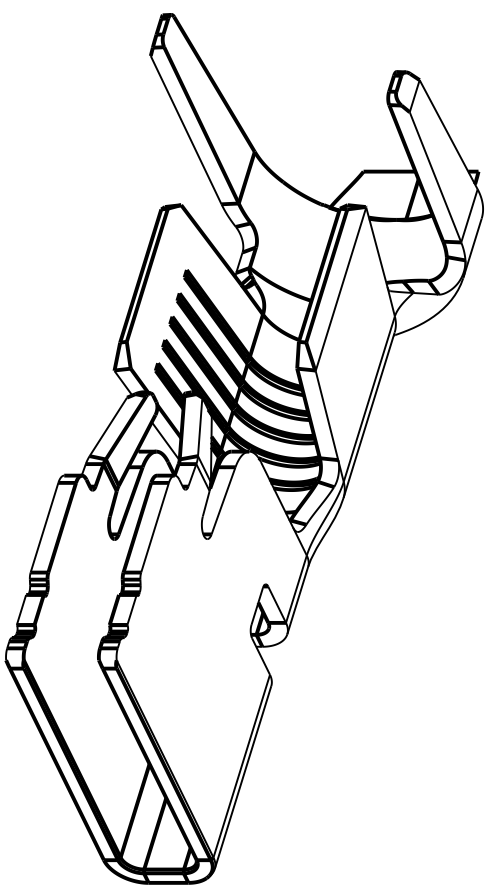
RESTRICTED TO  
-

SCALE  
4:1

SHEET  
1

OF  
5

REV  
C6



|      |                                      |     |
|------|--------------------------------------|-----|
| RA   | MFBL POWER CONTACT, .135 SOLDER TAIL | -   |
| RM   | STD POWER CONTACT, .135 SOLDER TAIL  | -   |
| H    | SIGNAL CONTACT, .135 SOLDER TAIL     | D   |
| G    | SIGNAL CONTACT, .135 SOLDER TAIL     | C   |
| F    | SIGNAL CONTACT, .135 SOLDER TAIL     | B   |
| E    | SIGNAL CONTACT, .135 SOLDER TAIL     | A   |
| CODE | DESCRIPTION                          | ROW |

|                                                                                       |  |                                                                                                                               |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWG<br>D_ZHU<br>26 JUN 2007<br>CHK<br>S_ZHAO<br>26 JUN 2007                                                                   |  |  TE Connectivity |  |
| DIMENSIONS:<br>INCHES                                                                 |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0. PLC ±.<br>1. PLC ±.<br>2. PLC ±.01<br>3. PLC ±.005<br>4. PLC ±.0020<br>ANGLES ±° |  | NAME<br>RIGHT ANGLE RECEPTACLE ASSEMBLY<br>A/C PASS THRU W/GUIDES<br>MULTI-BEAM XL                    |  |
|  |  | PRODUCT SPEC<br>108-1973<br>APPLICATION SPEC<br>114-13038                                                                     |  | SIZE CAGE CODE DRAWING NO RESTRICTED TO<br>A 100779 ©=6450378 -                                       |  |
| MATERIAL<br>-                                                                         |  | FINISH<br>-                                                                                                                   |  | WEIGHT<br>-                                                                                           |  |
| CUSTOMER DRAWING                                                                      |  |                                                                                                                               |  | SCALE 4:1 SHEET 2 OF 5 REV C6                                                                         |  |

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

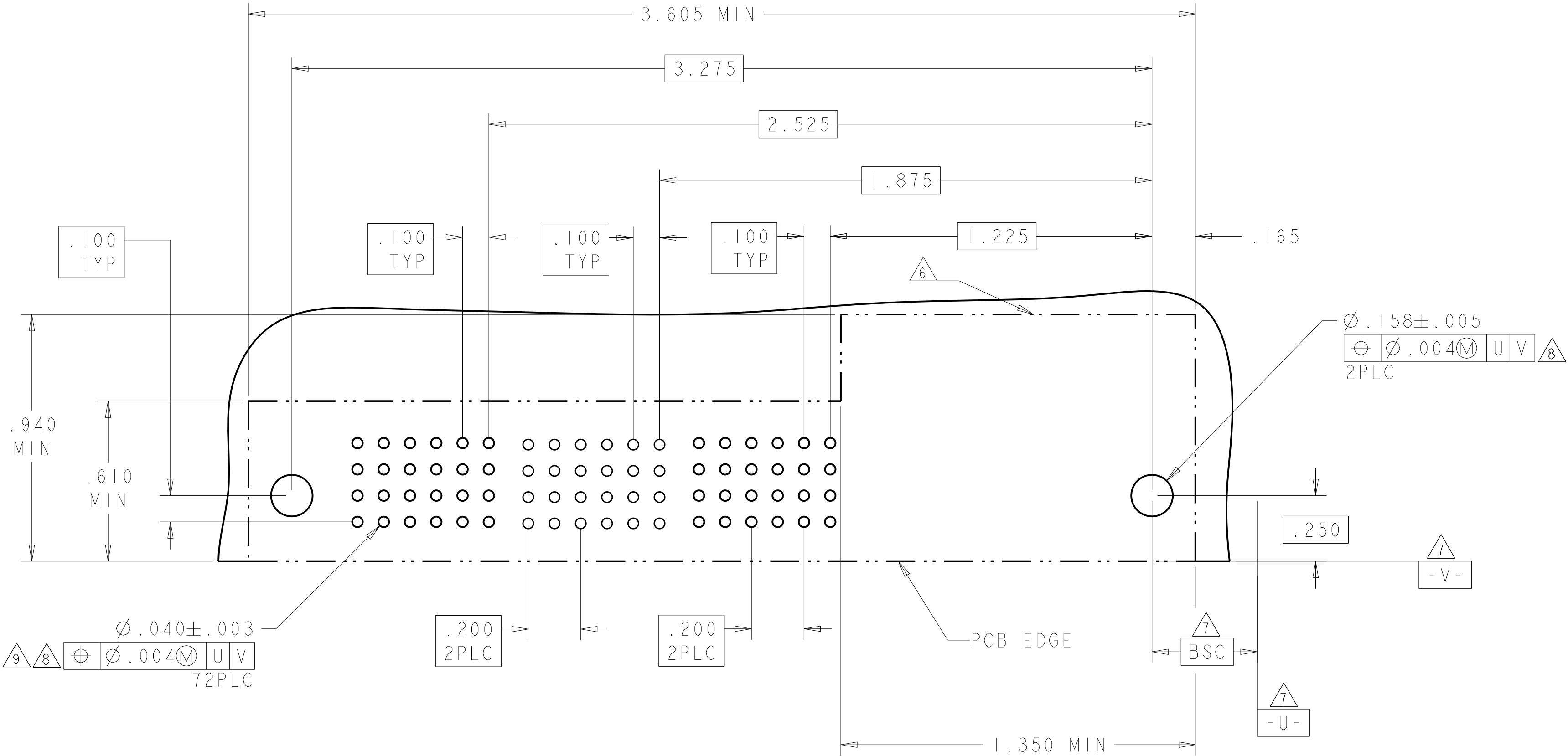
| PART NUMBER     | ROWS             |  | SIGNAL |   |   |   |   |   | POWER |    |    |    |    |    |      |     |     |    |
|-----------------|------------------|--|--------|---|---|---|---|---|-------|----|----|----|----|----|------|-----|-----|----|
|                 |                  |  | 6      | 5 | 4 | 3 | 2 | 1 | P9    | P8 | P7 | P6 | P5 | P4 | P3   | P2  |     | P1 |
| 6450378-3       | D<br>C<br>B<br>A |  | H      | H | H | H | H | H | RM    | RM | RM | RM | RM | RM | MFBL | STD | STD |    |
|                 |                  |  | G      | G | G | G | G | G |       |    |    |    |    |    |      |     |     |    |
|                 |                  |  | F      | F | F | F | F | F |       |    |    |    |    |    |      |     |     |    |
|                 |                  |  | E      | E | E | E | E | E |       |    |    |    |    |    |      |     |     |    |
| 3ACP + 6P + 24S |                  |  |        |   |   |   |   |   |       |    |    |    |    |    |      |     |     |    |

.200 2PLC

.250

.200 2PLC

.300 3PLC



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

D. ZHU

26JUN2007

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

S. ZHAO

26JUN2007

CHK

S. ZHAO

26JUN2007

APVD

S. YAO

-

PRODUCT SPEC

108-1973

APPLICATION SPEC

114-13038

WEIGHT

-

CUSTOMER DRAWING

NAME

RIGHT ANGLE RECEPTACLE ASSEMBLY  
A/C PASS THRU W/GUIDES  
MULTI-BEAM XL

SIZE

A1

CAGE CODE

100779

DRAWING NO

C=6450378

RESTRICTED TO

-

SCALE

4:1

SHEET

3

OF

5

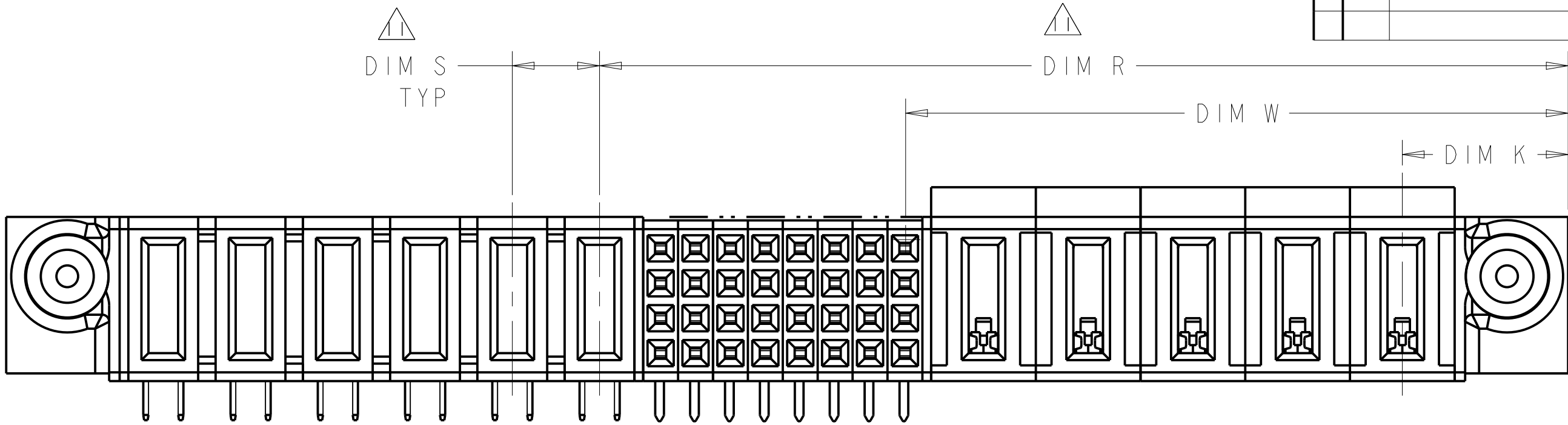
REV

C6

TE Connectivity

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

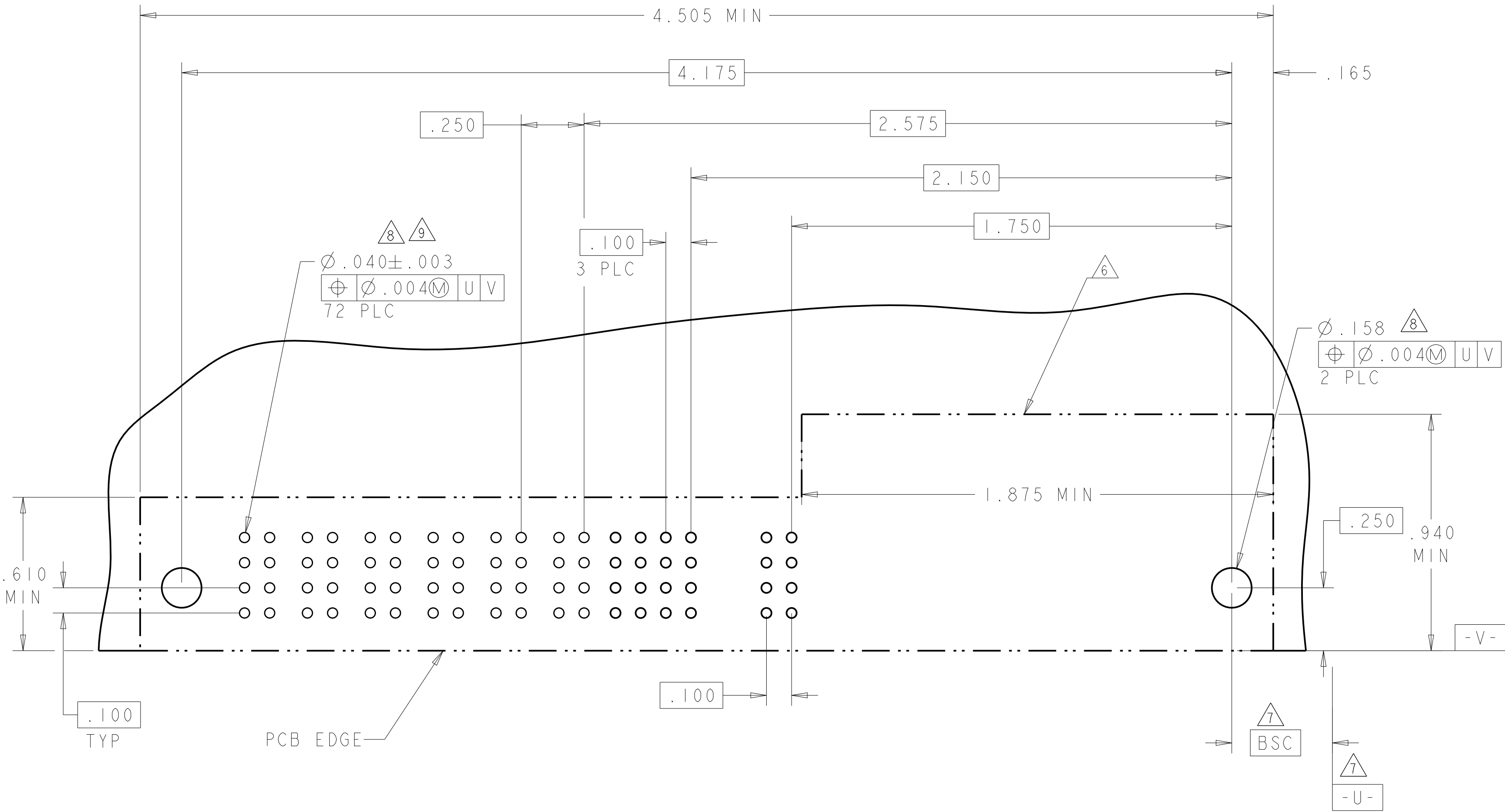
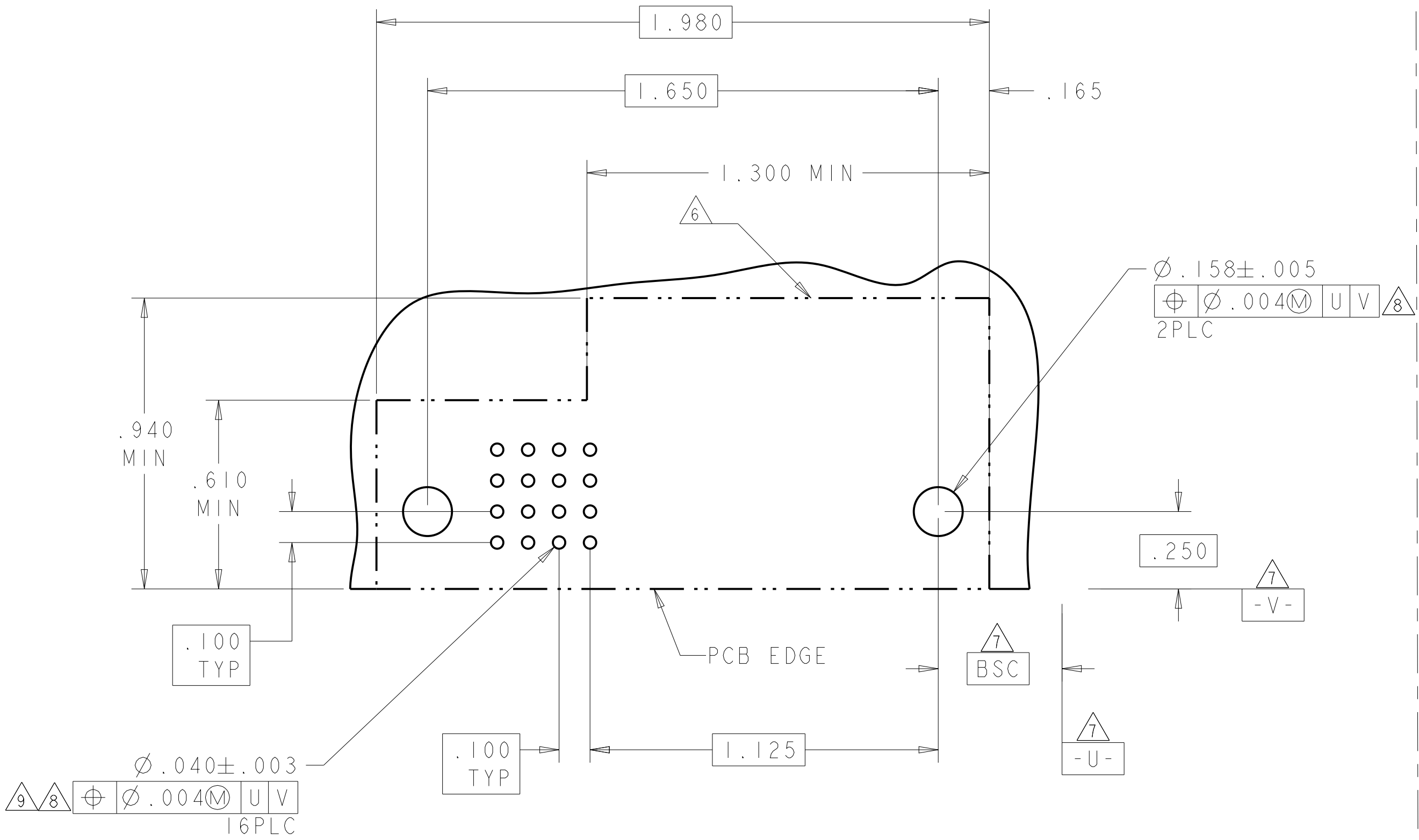
| PART NUMBER | ROWS             |  | SIGNAL |   |   |   | POWER |     |     |  |
|-------------|------------------|--|--------|---|---|---|-------|-----|-----|--|
|             |                  |  | 4      | 3 | 2 | 1 | P3    | P2  | P1  |  |
| 6450378-4   | D<br>C<br>B<br>A |  | H      | H | H | H | MFBL  | STD | STD |  |
|             |                  |  | G      | G | G | G |       |     |     |  |
|             |                  |  | F      | F | F | F |       |     |     |  |
|             |                  |  | E      | E | E | E |       |     |     |  |
| 3ACP + 16S  |                  |  |        |   |   |   |       |     |     |  |



B2

| PART NUMBER     | ROWS             |  | POWER |     |    |    |    |    | SIGNAL |   |   |   |   |   |   |   | POWER |     |     |     |     |     |
|-----------------|------------------|--|-------|-----|----|----|----|----|--------|---|---|---|---|---|---|---|-------|-----|-----|-----|-----|-----|
|                 |                  |  | P11   | P10 | P9 | P8 | P7 | P6 | 8      | 7 | 6 | 5 | 4 | 3 | 2 | 1 | P5    | P4  | P3  | P2  | P1  |     |
| 6450378-5       | D<br>C<br>B<br>A |  | RM    | RM  | RM | RM | RM | RM | H      | H | H | H |   |   |   | H | H     | STD | STD | STD | STD | STD |
|                 |                  |  |       |     |    |    |    |    | G      | G | G | G |   |   |   | G | G     |     |     |     |     |     |
|                 |                  |  |       |     |    |    |    |    | F      | F | F | F |   |   |   | F | F     |     |     |     |     |     |
|                 |                  |  |       |     |    |    |    |    | E      | E | E | E |   |   |   | E | E     |     |     |     |     |     |
| 5ACP + 32S + 6P |                  |  |       |     |    |    |    |    |        |   |   |   |   |   |   |   |       |     |     |     |     |     |

NO CONTACTS LOADED



|                                                                                       |                                                                                           |                               |           |                                                                                                       |                 |           |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------|-----------|-------------------------------------------------------------------------------------------------------|-----------------|-----------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                                                                           | DWN<br>D. ZHU                 | 26JUN2007 |  TE Connectivity |                 |           |
| DIMENSIONS:<br>INCHES                                                                 |                                                                                           | CHK<br>S. ZHAO                | 26JUN2007 |                                                                                                       |                 |           |
|  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br><br>0.010 C<br>0.005 P<br>0.002 A<br>ANGLES ±2° | APVD<br>S. YAO                | -         | NAME<br>RIGHT ANGLE RECEPTACLE ASSEMBLY<br>A/C PASS THRU W/GUIDES<br>MULTI-BEAM XL                    |                 |           |
|                                                                                       |                                                                                           | PRODUCT SPEC<br>108-1973      | -         | SIZE<br>A1                                                                                            |                 |           |
| MATERIAL<br>-                                                                         | FINISH<br>-                                                                               | APPLICATION SPEC<br>114-13038 | -         | CAGE CODE<br>C=6450378                                                                                |                 |           |
|                                                                                       |                                                                                           | WEIGHT<br>-                   | -         | RESTRICTED TO<br>-                                                                                    |                 |           |
|                                                                                       |                                                                                           | CUSTOMER DRAWING              |           | SCALE<br>4:1                                                                                          | SHEET<br>4 OF 5 | REV<br>C6 |

