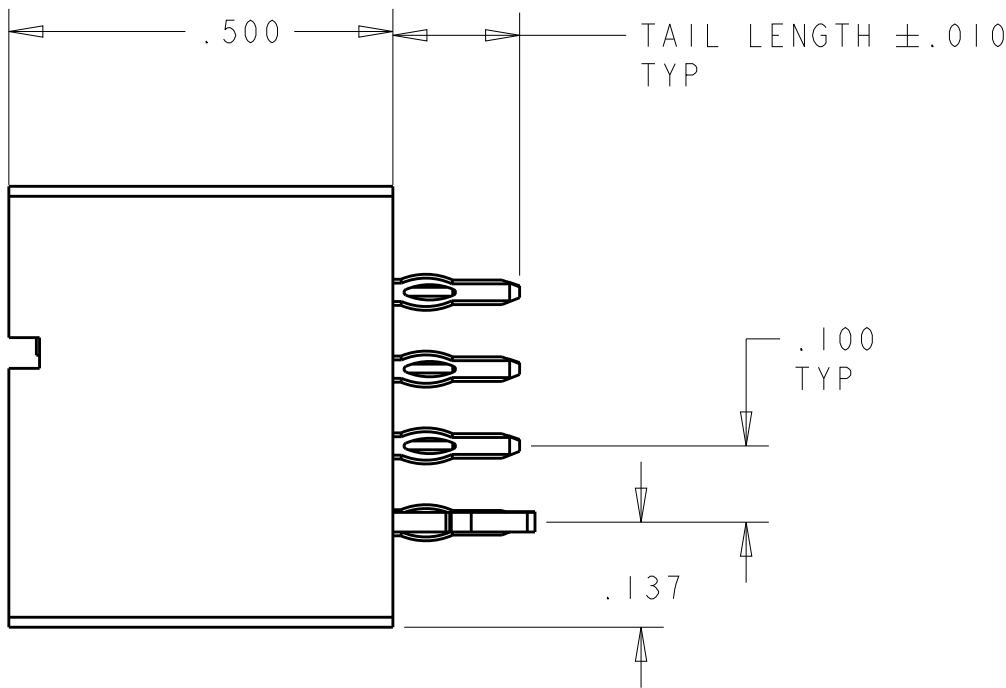
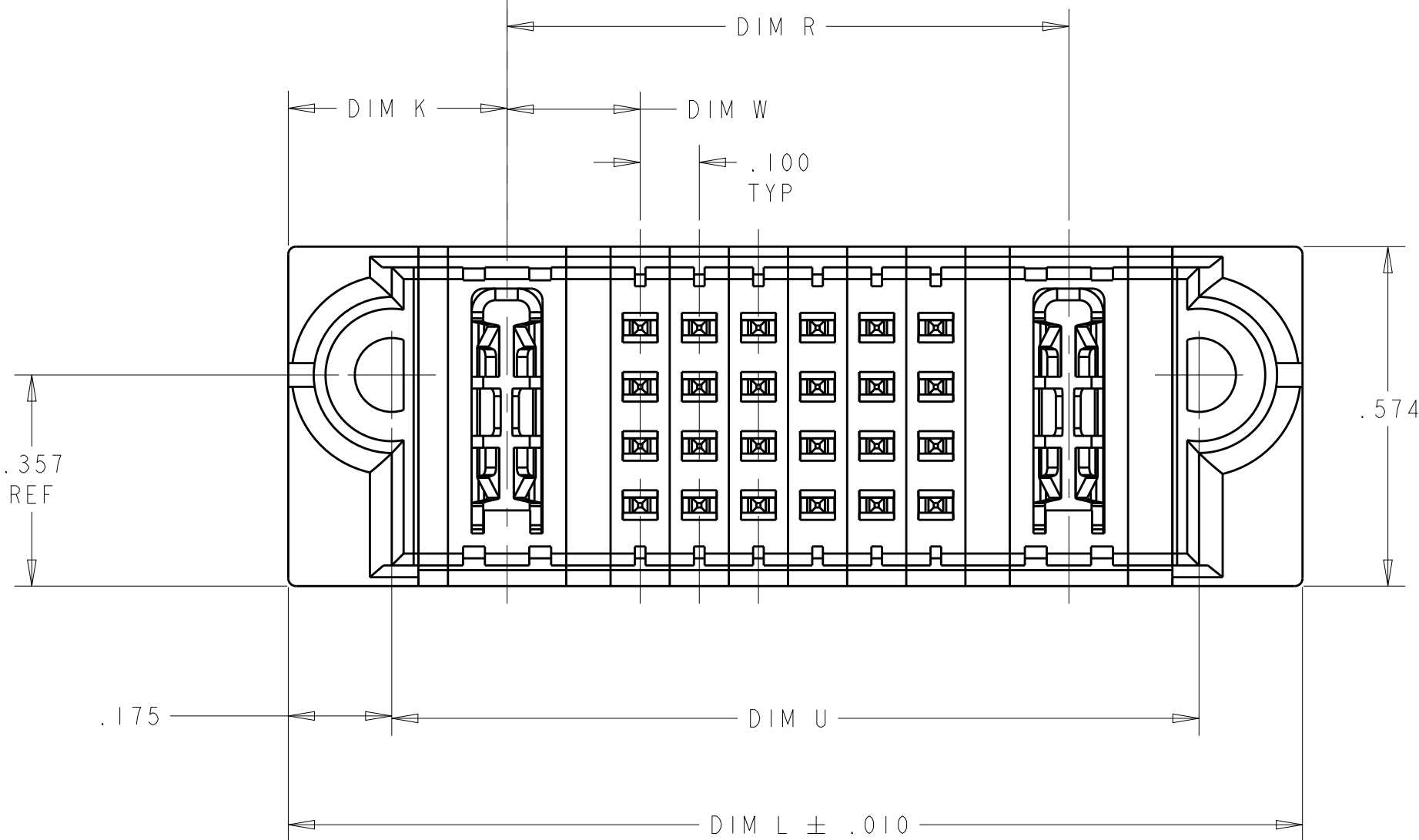
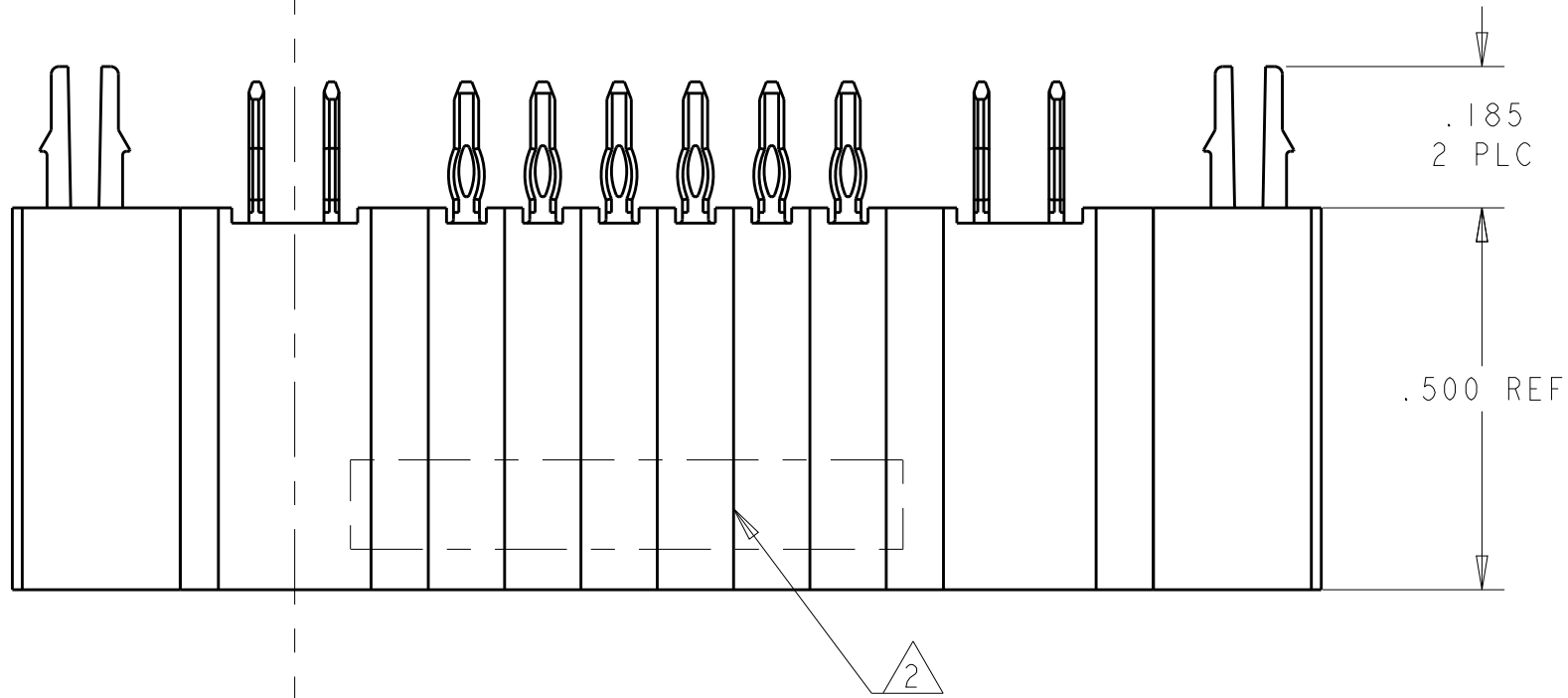
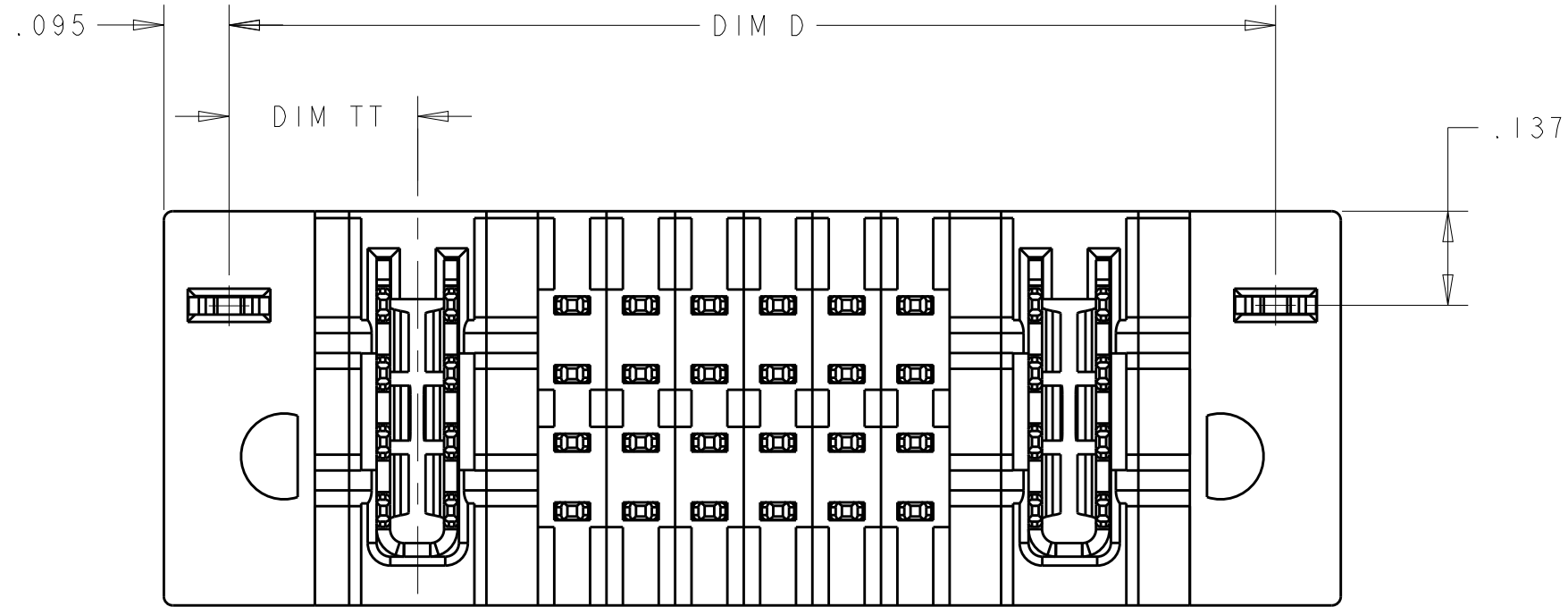


| LOC | DIST | REVISIONS |     |                            |           |     |      |  |
|-----|------|-----------|-----|----------------------------|-----------|-----|------|--|
| ES  | 00   | P         | LTR | DESCRIPTION                | DATE      | DWN | APVD |  |
|     |      |           | G6  | ADD NEW PART -25           | 19AUG2013 | AY  | SZ   |  |
|     |      |           | G7  | UPDATE -25 MATING SEQUENCE | 29AUG2013 | AY  | SZ   |  |
|     |      |           | G8  | UPDATE -25 MATING SEQUENCE | 30AUG2013 | AY  | SZ   |  |
|     |      |           |     |                            |           |     |      |  |



- 1

HEADER HOUSING: THERMO PLASTIC, BLACK, UL94 V-O; CONTACTS AND RETENTION CLIPS: COPPER ALLOY.
- 2

CONTACT PLATING:NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER AND SIGNAL CONTACTS
- 3

"AMP", PART NUMBER AND DATE CODE MARKED IN THIS AREA. PARTS UNDER 2.50 LONG MAY BE MARKED ON BOTH SIDES.
- 4

DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 5

PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- 6

A SEATING TOOL IS REQUIRED TO SEAT THE HEADER ON THE P.C. BOARD. PLEASE REFER TO THE 114-13251 APPLICATION SPEC.
- 7

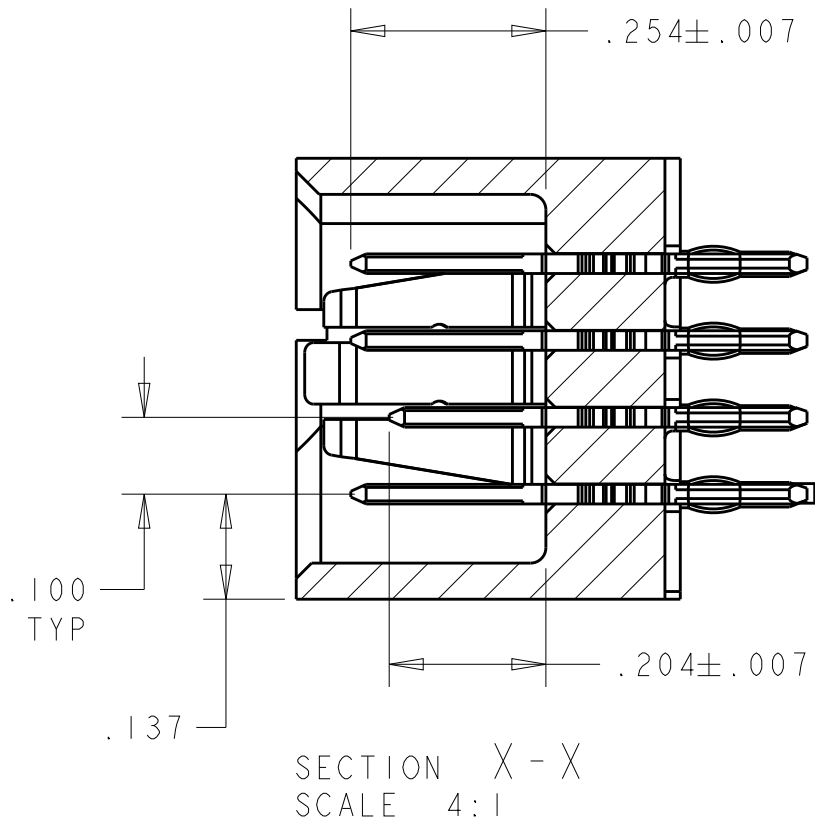
MECHANICAL CONNECTOR KEEP OUT ZONE.
- 8

DETAIL DIM SEE PART VIEW
- 9

FOR THE CONFIGURATION WITH VENT, PLEASE REFER TO SHEET 2.
- 10

FOR THE CONFIGURATION LP/S/LP WITH VENT, PLEASE REFER TO SHEET 3.
- 11

FOR THE CONFIGURATION LP/S/P, WITH VENT, PLEASE REFER TO SHEET 4.



|    |       |       |        |       |       |       |        |       |       |                   |             |
|----|-------|-------|--------|-------|-------|-------|--------|-------|-------|-------------------|-------------|
| 66 | .240  | .165  | .1825  | 2.220 | 1.870 | 2.030 | 1.145  | .7125 | .2775 | 3LP + 16S + 4LP   | 2-6450820-5 |
|    | .200  | -     | .225   | 3.065 | 2.715 | 2.875 | -      | 1.975 | .320  | 10HDP + 24S       | 2-6450820-3 |
|    | .300  | -     | .275   | 1.790 | 1.440 | 1.600 | -      | 1.150 | .370  | 4ACP + 4S         | 2-6450820-2 |
|    | .115  | .250  | .2075  | 2.555 | 2.205 | 2.365 | 1.4075 | .7325 | .3025 | 6LP + 24S + 3P    | 2-6450820-1 |
|    | -     | -     | .1825  | 1.120 | .770  | .930  | .565   | .1575 | .2775 | 1LP + 16S + 1LP   | 2-6450820-0 |
|    | .250  | .250  | .250   | 3.540 | 3.190 | 3.350 | 1.850  | 1.175 | .345  | 5P + 24S + 5P     | 1-6450820-9 |
|    | .250  | .250  | .225   | 4.140 | 3.790 | 3.950 | 2.500  | 1.200 | .320  | 5P + 48S + 5P     | 1-6450820-8 |
|    | .250  | -     | .225   | 4.640 | 4.290 | 4.450 | -      | 2.950 | .320  | 12P + 48S         | 1-6450820-7 |
|    | .250  | -     | .225   | 2.415 | 2.065 | 2.225 | -      | 1.425 | .320  | 6P + 20S          | 1-6450820-5 |
|    | -     | .300  | .175   | 2.665 | 2.315 | 2.475 | .575   | -     | .270  | 20S + 6ACP        | 1-6450820-4 |
|    | .300  | .300  | .225   | 2.840 | 2.490 | 2.650 | 1.600  | .850  | .320  | 3ACP + 24S + 3ACP | 1-6450820-3 |
|    | .250  | .250  | .250   | 4.040 | 3.690 | 3.850 | 2.100  | 1.425 | .345  | 6P + 24S + 6P     | 1-6450820-1 |
| 63 | .250  | .250  | .225   | 6.240 | 5.890 | 6.050 | 3.850  | 1.950 | .320  | 8P + 72S + 8P     | 6450820-9   |
|    | .250  | .250  | .225   | 6.240 | 5.890 | 6.050 | 3.850  | 1.950 | .320  | 8P + 72S + 8P     | 6450820-8   |
|    | 8     | 8     | .250   | 5.390 | 5.040 | 5.200 | 8      | 8     | .345  | 14P + 40S         | 6450820-7   |
|    | 8     | 8     | .250   | 5.390 | 5.040 | 5.200 | 8      | 8     | .345  | 14P + 40S         | 6450820-6   |
|    | .250  | .250  | .250   | 2.640 | 2.290 | 2.450 | 1.200  | .925  | .345  | 4P + 8S + 4P      | 6450820-5   |
|    | .250  | .250  | .250   | 3.640 | 3.290 | 3.450 | 1.700  | 1.425 | .345  | 6P + 8S + 6P      | 6450820-4   |
|    | .250  | .250  | .275   | 2.790 | 2.440 | 2.600 | 1.550  | .675  | .370  | 3P + 32S + 3P     | 6450820-3   |
|    | -     | -     | .250   | 1.540 | 1.190 | 1.350 | .850   | .175  | .345  | 1P + 24S + 1P     | 6450820-2   |
|    | -     | -     | .275   | 1.715 | 1.365 | 1.525 | .950   | .225  | .370  | 1P + 24S + 1P     | 6450820-1   |
|    | DIM S | DIM T | DIM TT | DIM L | DIM U | DIM D | DIM R  | DIM W | 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 ±.0020  
FINISH

-

DWN  
D. ZHU  
CHK  
S. ZHAO  
APVD  
S. ZHAO

15NOV2007  
15NOV2007

PRODUCT SPEC  
108-2292  
APPLICATION SPEC  
114-13251

WEIGHT  
-

Customer Drawing

NAME  
VERTICAL HEADER ASSEMBLY W/ SHORT END MODULES, PRESS FIT MULTI-BEAM XLE

SIZE  
A1

CAGE CODE  
6450820

DRAWING NO  
100779

RESTRICTED TO  
-

SHEET  
1

OF  
20

REV  
G8

TE Connectivity

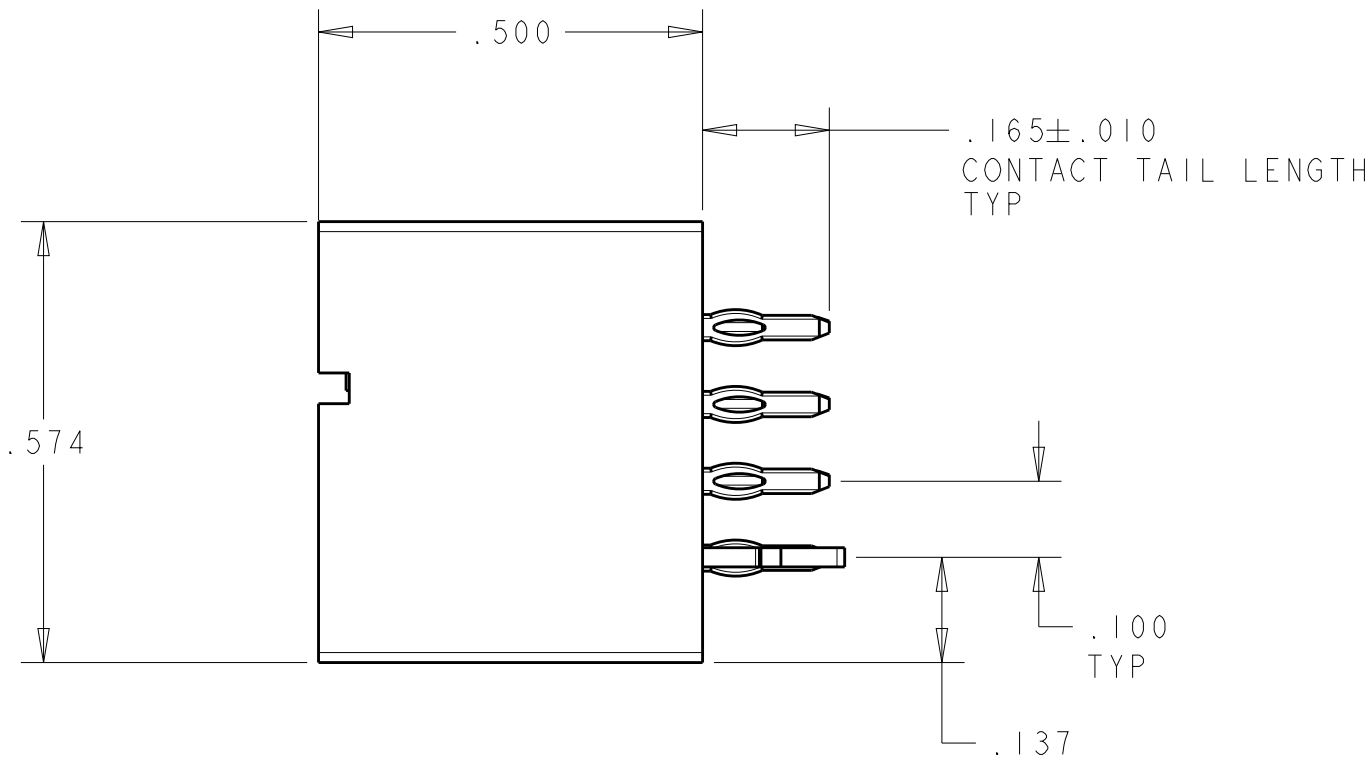
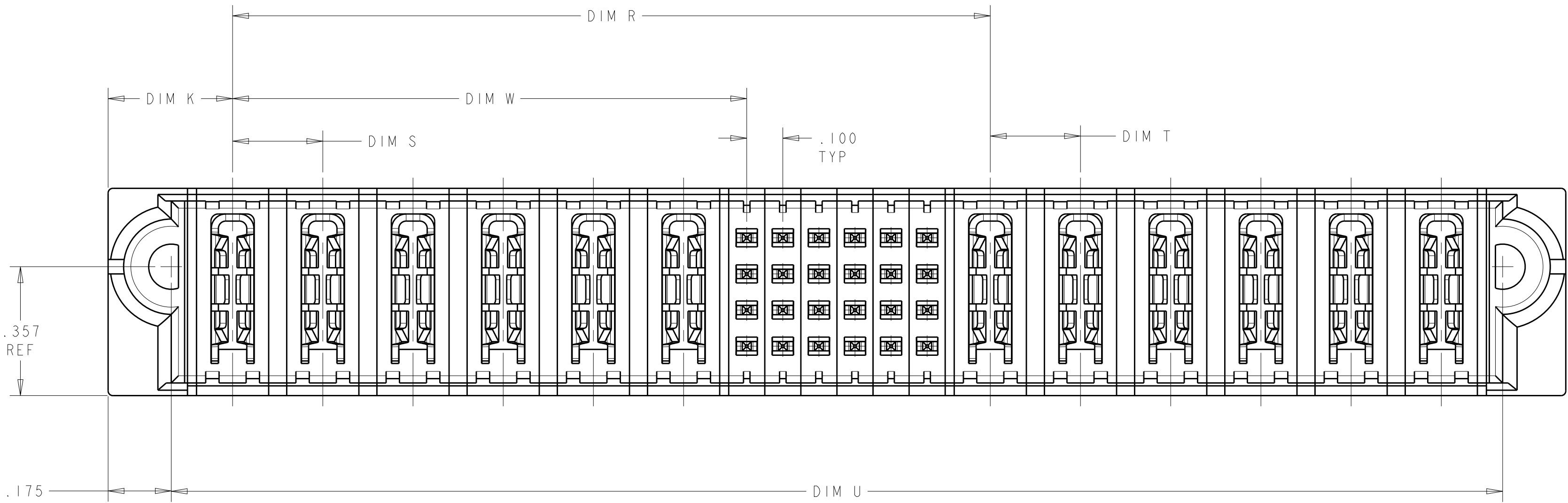
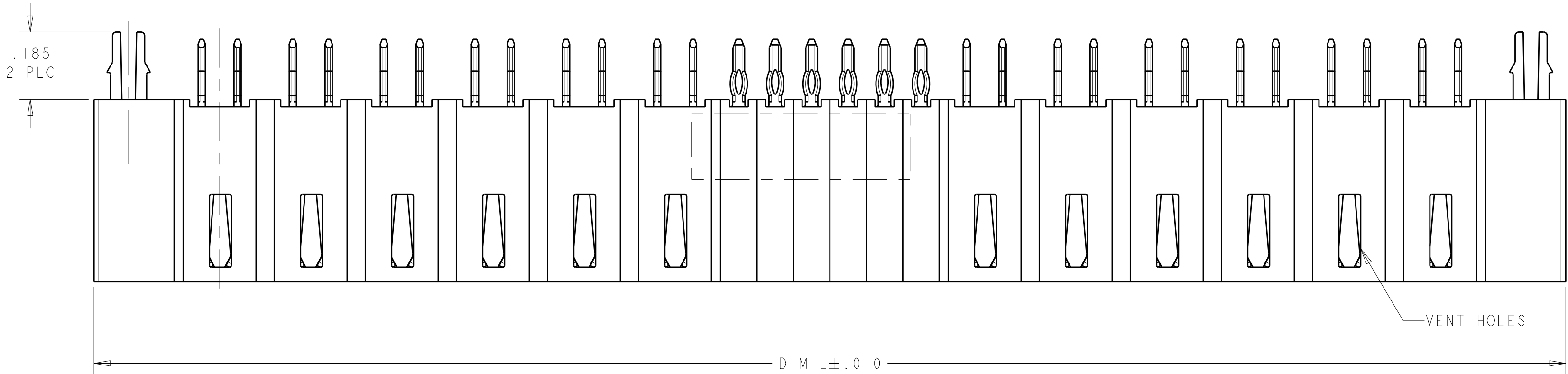
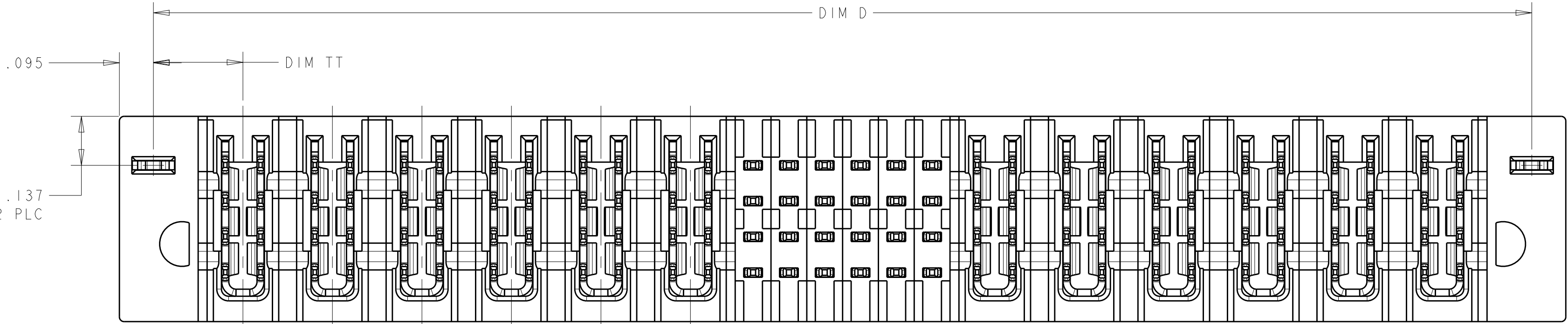
SCALE  
-

SHEET  
1

OF  
20

REV  
G8

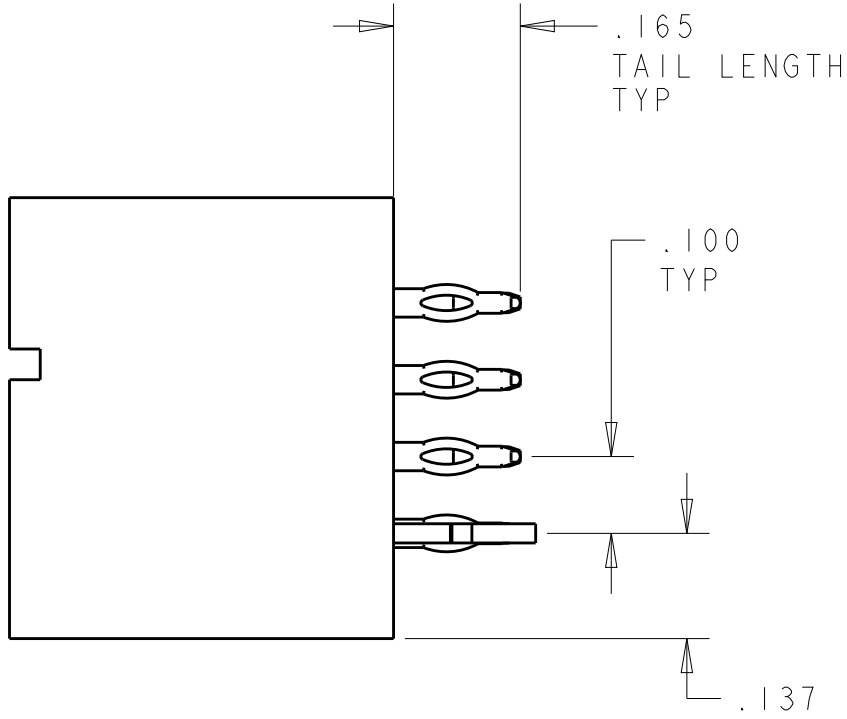
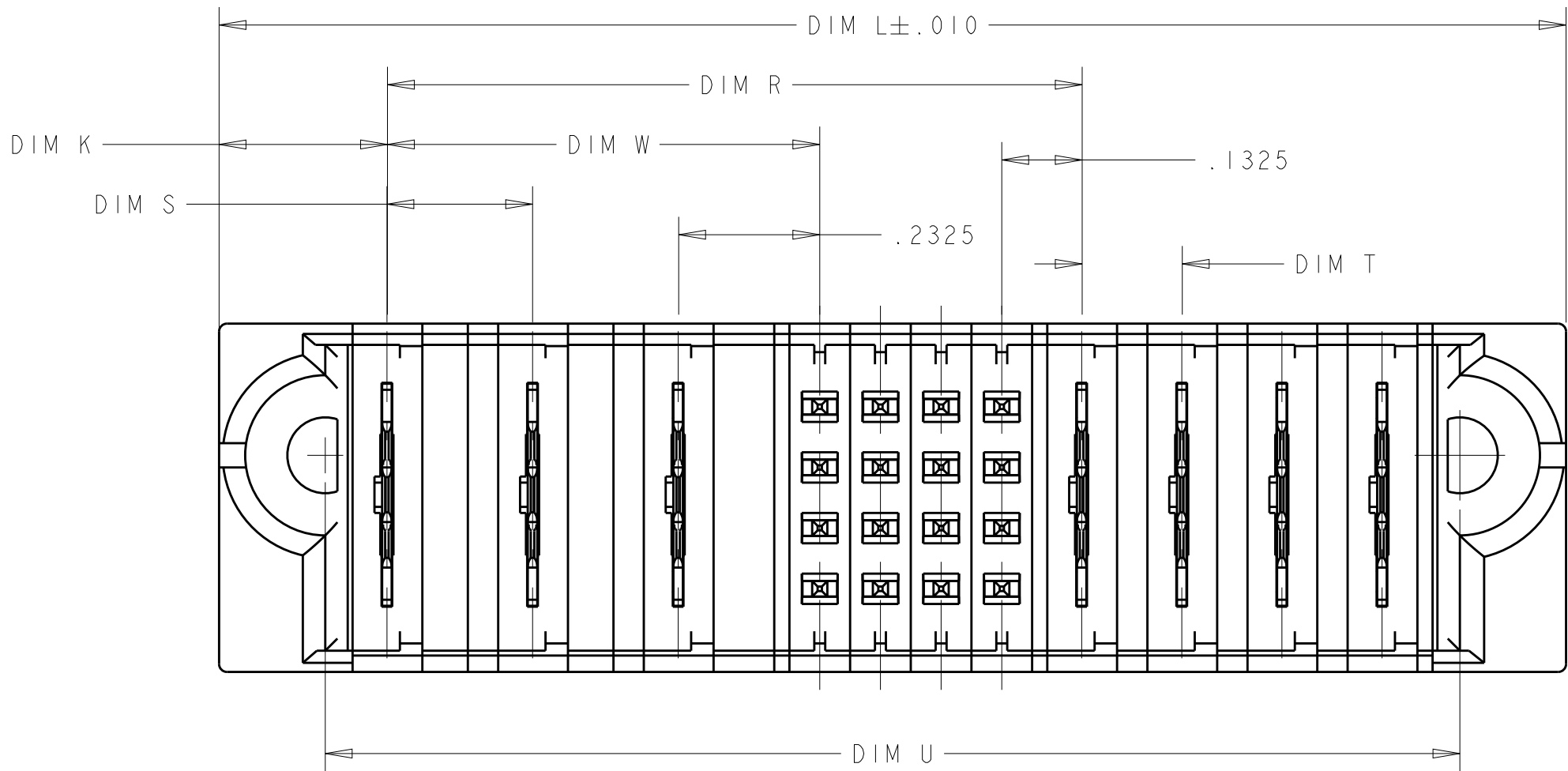
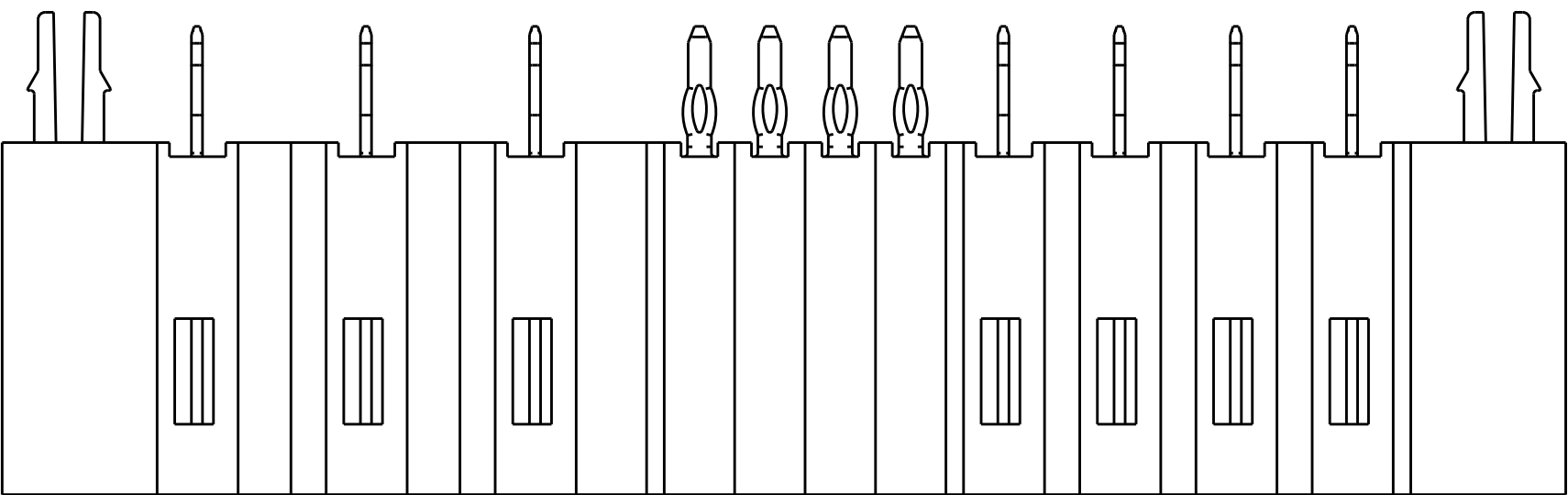
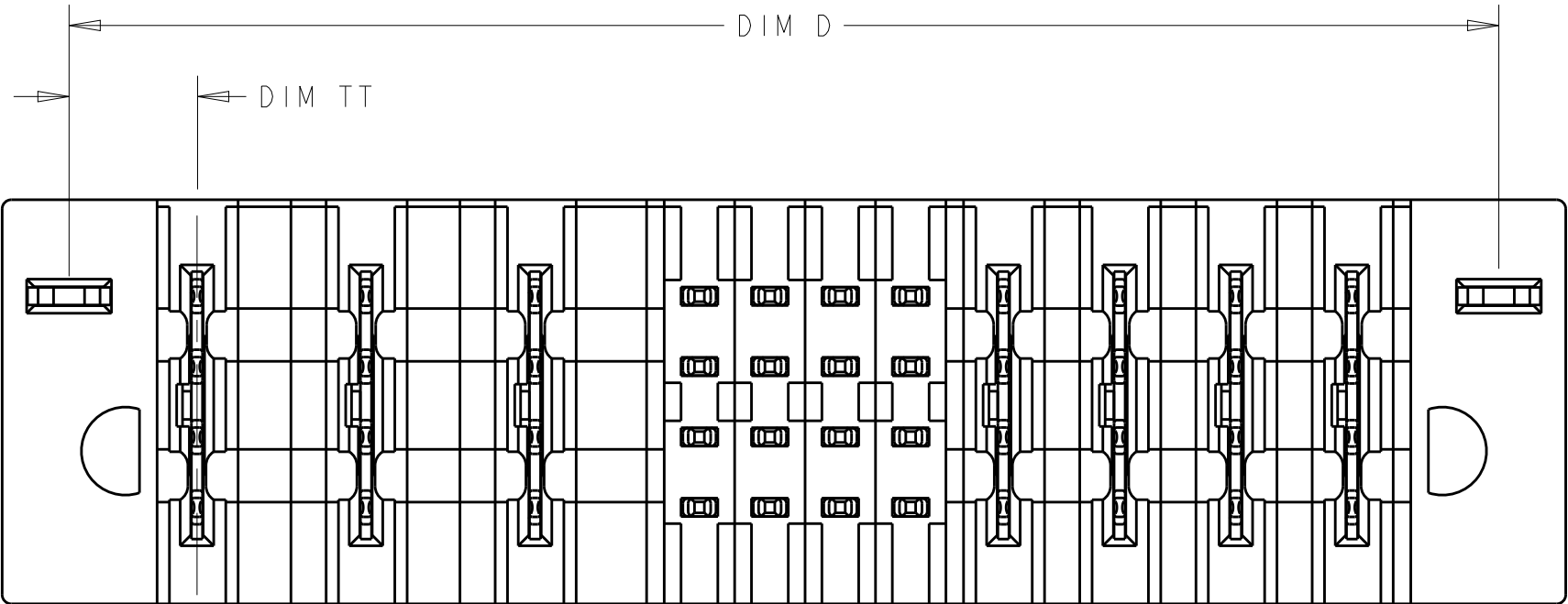
| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| ES  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      | -         |     | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |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



9 FOR THE CONFIGURATION WITH VENT  
PART NO. 1-6450820-1

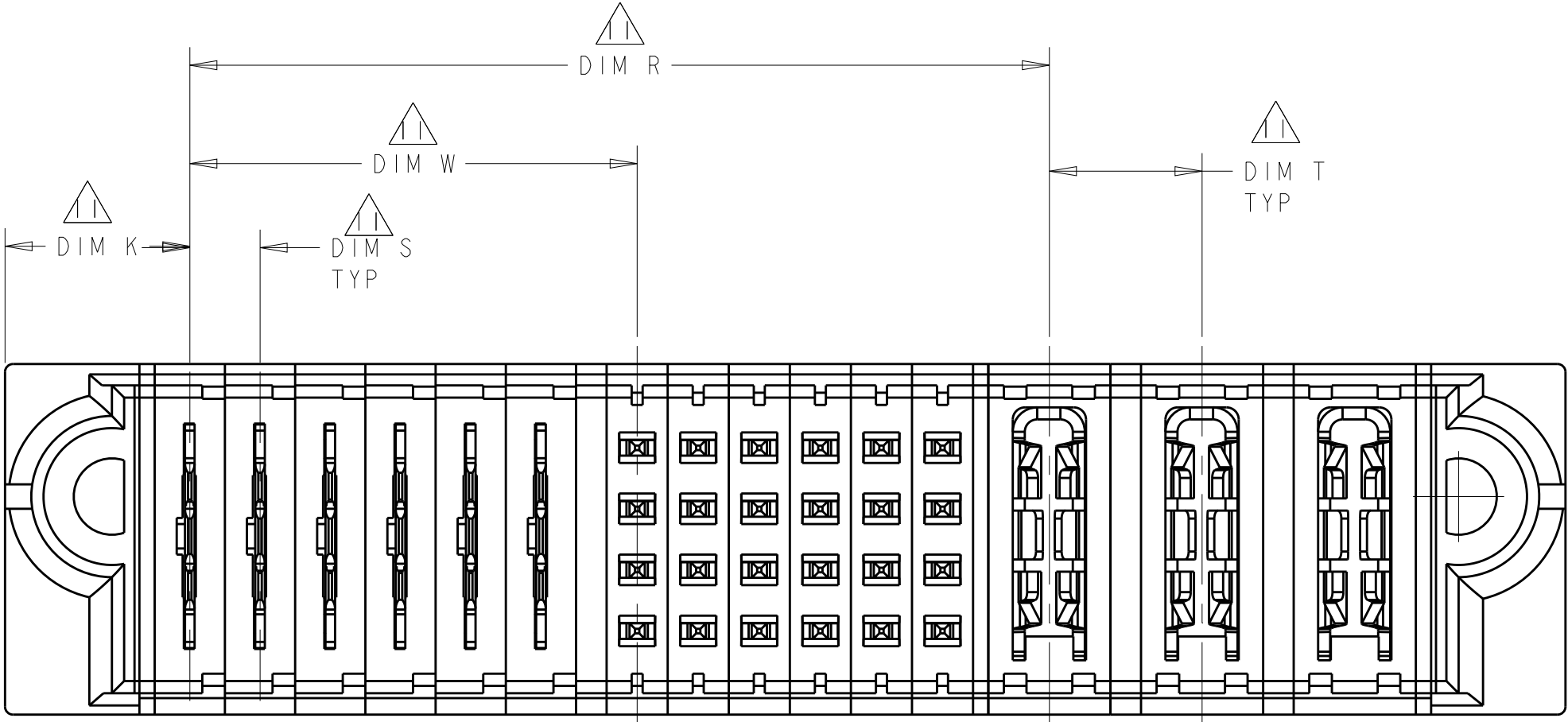
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|----------------------------------------|--|-------------------------------------------|-----------|---------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>D. ZHU                             | 15NOV2007 | TE Connectivity                                                                       |  |
|                                        |  | CHK<br>S. ZHAO                            | 15NOV2007 |                                                                                       |  |
| DIMENSIONS:<br>INCHES                  |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |           | NAME<br>VERTICAL HEADER ASSEMBLY W/ SHORT<br>END MODULES, PRESS FIT<br>MULTI-BEAM XLE |  |
|                                        |  | 0 PLC ±.01                                |           | PRODUCT SPEC                                                                          |  |
|                                        |  | 1 PLC ±.01                                |           | 108-2292                                                                              |  |
|                                        |  | 2 PLC ±.01                                |           | APPLICATION SPEC                                                                      |  |
|                                        |  | 3 PLC ±.005                               |           | 114-13251                                                                             |  |
|                                        |  | 4 PLC ±.0020                              |           | WEIGHT                                                                                |  |
|                                        |  | ANGLES ±2°                                |           | Customer Drawing                                                                      |  |
| MATERIAL                               |  | FINISH                                    |           | SCALE                                                                                 |  |
| -                                      |  | -                                         |           | SHEET 2 OF 20                                                                         |  |
|                                        |  |                                           |           | REV G8                                                                                |  |

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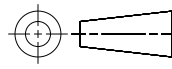


|                                        |  |                                                                                               |           |                  |  |
|----------------------------------------|--|-----------------------------------------------------------------------------------------------|-----------|------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>D. ZHU                                                                                 | 15NOV2007 | TE Connectivity  |  |
|                                        |  | CHK<br>S. ZHAO                                                                                | 15NOV2007 |                  |  |
| DIMENSIONS:                            |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                        |           | NAME             |  |
| INCHES                                 |  | 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     |  |
|                                        |  |                                                                                               |           | 108-2292         |  |
|                                        |  |                                                                                               |           | APPLICATION SPEC |  |
|                                        |  |                                                                                               |           | 114-13251        |  |
| MATERIAL                               |  | WEIGHT                                                                                        |           | SIZE             |  |
| -                                      |  | -                                                                                             |           | A100779C=6450820 |  |
|                                        |  | Customer Drawing                                                                              |           | RESTRICTED TO    |  |
|                                        |  |                                                                                               |           | SCALE            |  |
|                                        |  |                                                                                               |           | SHEET 3 OF 20    |  |
|                                        |  |                                                                                               |           | REV G8           |  |

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



FOR THE CONFIGURATION LP/S/P WITH VENT  
OTHER DIMSENSIONS PLEASE REFER TO SHEET 2

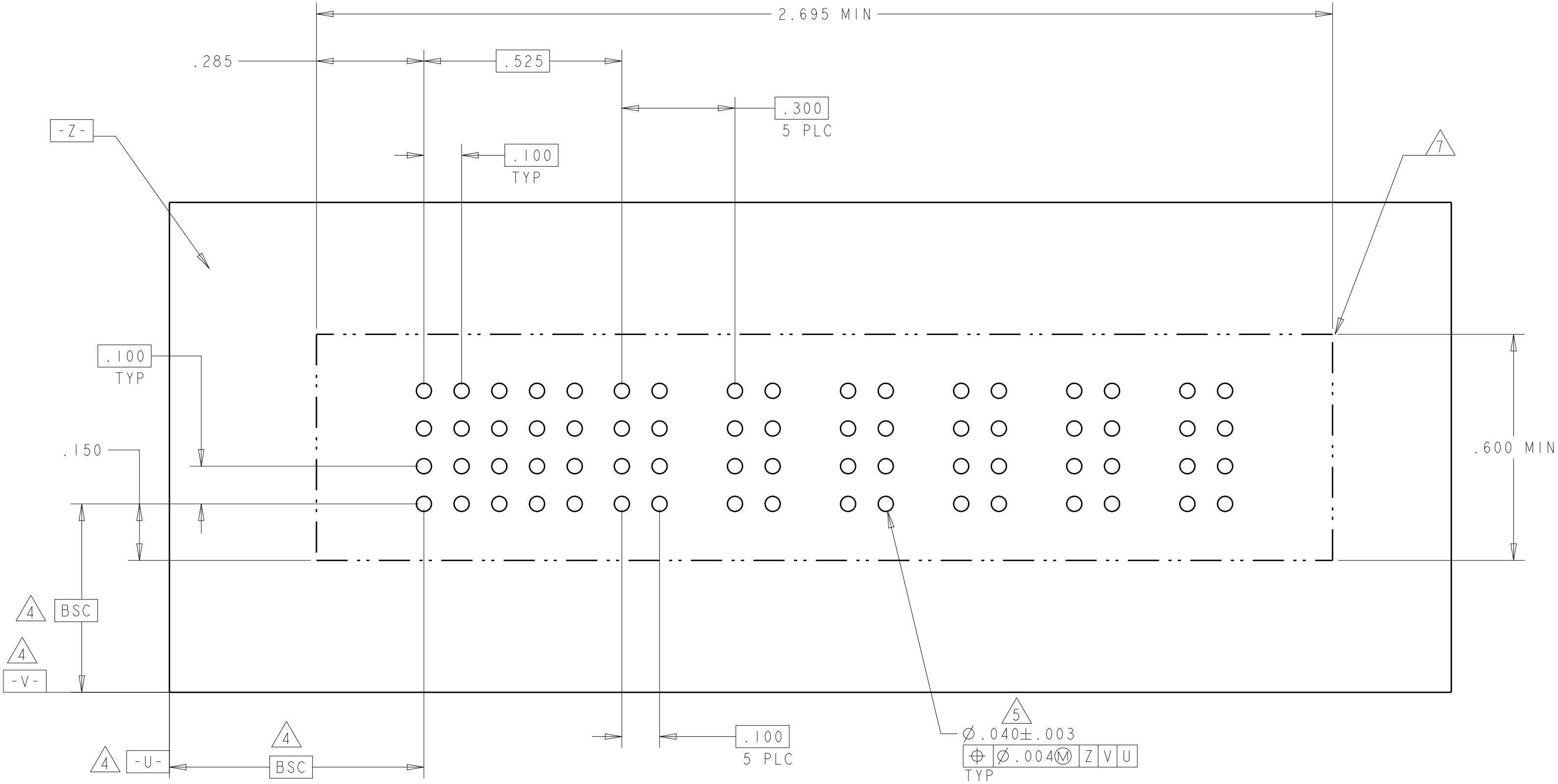
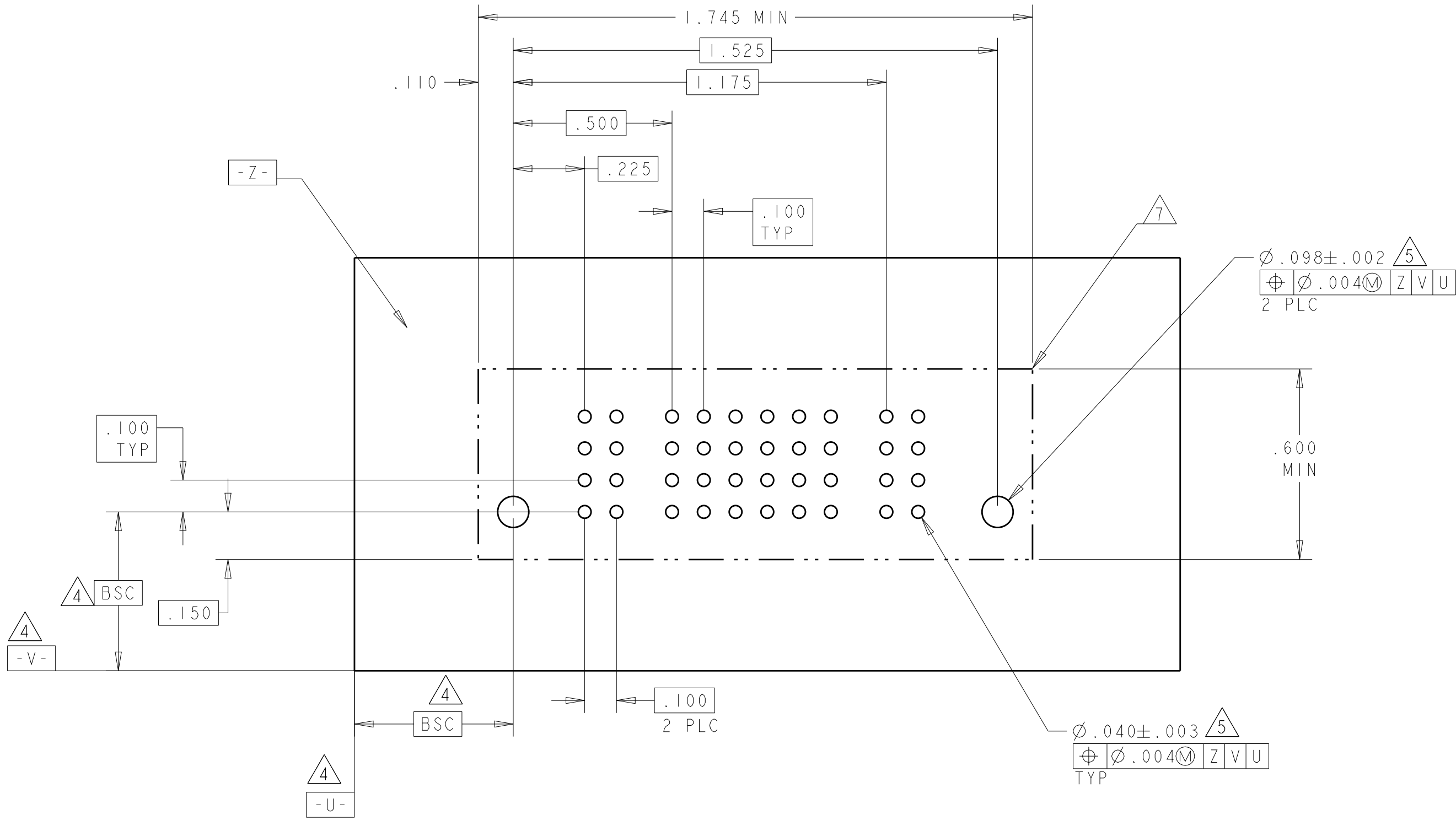
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| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>D. ZHU                                                                                 | 15NOV2007 |  TE Connectivity |  |
| DIMENSIONS:<br>INCHES                                                                 |  | CHK<br>S. ZHAO                                                                                | 15NOV2007 |                                                                                                       |  |
|  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                        |           | NAME                                                                                                  |  |
|                                                                                       |  | 0 PLC ±.01<br>1 PLC ±.01<br>2 PLC ±.01<br>3 PLC ±.005<br>4 PLC ±.0020<br>ANGLES ±2°<br>FINISH |           | VERTICAL HEADER ASSEMBLY W/ SHORT<br>END MODULES, PRESS FIT<br>MULTI-BEAM XLE                         |  |
| MATERIAL                                                                              |  | WEIGHT                                                                                        |           | SIZE                                                                                                  |  |
| -                                                                                     |  | -                                                                                             |           | A100779C=6450820                                                                                      |  |
|                                                                                       |  | Customer Drawing                                                                              |           | RESTRICTED TO                                                                                         |  |
|                                                                                       |  |                                                                                               |           | SCALE                                                                                                 |  |
|                                                                                       |  |                                                                                               |           | SHEET 4 OF 20                                                                                         |  |
|                                                                                       |  |                                                                                               |           | REV G8                                                                                                |  |

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

| PART NUMBER   | ROWS |    | POWER | SIGNAL |    |    |    |    |    | POWER |  |
|---------------|------|----|-------|--------|----|----|----|----|----|-------|--|
|               |      |    | P1    | 1      | 2  | 3  | 4  | 5  | 6  | P2    |  |
| 6450820-1     | D    | HD | VM    | EV     | EV | EV | EV | EV | EV | VM    |  |
|               | C    |    |       | EV     | EV | EV | EV | EV | EV |       |  |
|               | B    |    |       | EV     | EV | EV | ES | EV | EV |       |  |
|               | A    |    |       | EV     | EV | EV | EV | EV | EV |       |  |
| IP + 24S + IP |      |    |       |        |    |    |    |    |    |       |  |

| PART NUMBER | ROWS |                                                                                     | SIGNAL |    |    |    |    | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |    |    |    |    |
|-------------|------|-------------------------------------------------------------------------------------|--------|----|----|----|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|----|----|----|----|
|             |      |                                                                                     | 1      | 2  | 3  | 4  | 5  | P1                                                                                  | P2                                                                                  | P3                                                                                  | P4                                                                                  | P5                                                                                  | P6                                                                                  |    |    |    |    |    |
| 1-6450820-4 | D    |  | EV     | EV | EV | EV | EV |  |  |  |  |  |  |    |    |    |    |    |
|             | EV   |                                                                                     | EV     | EV | EV | EV | VM |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | VM | VM | VM | VM | VM |
|             | EV   |                                                                                     | EV     | EV | EV | EV |    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |    |    |    |    |
|             | ES   |                                                                                     | EV     | EV | EV | EV |    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |    |    |    |    |
| 20S + 6ACP  |      |                                                                                     |        |    |    |    |    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |    |    |    |    |

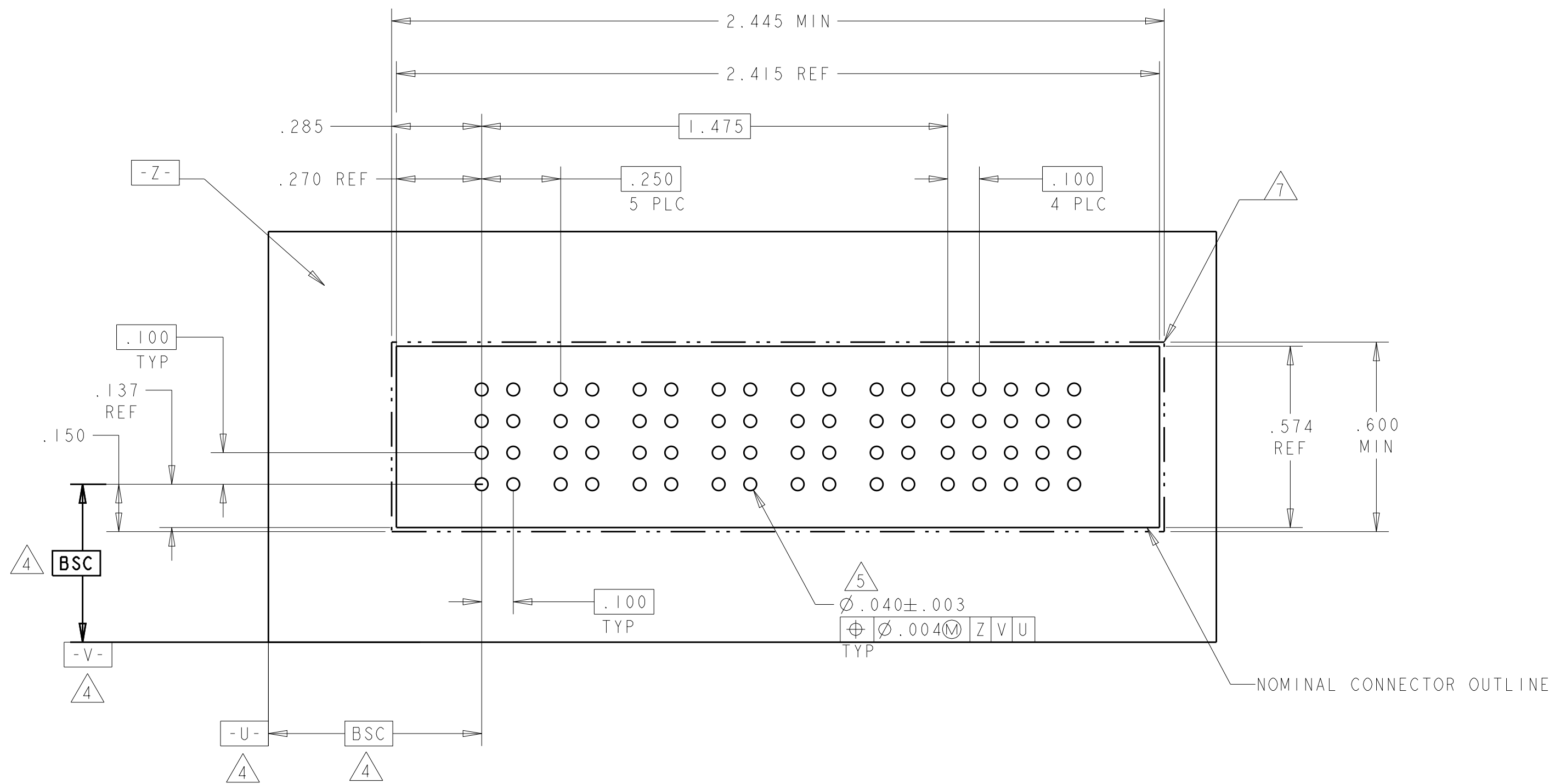
E9



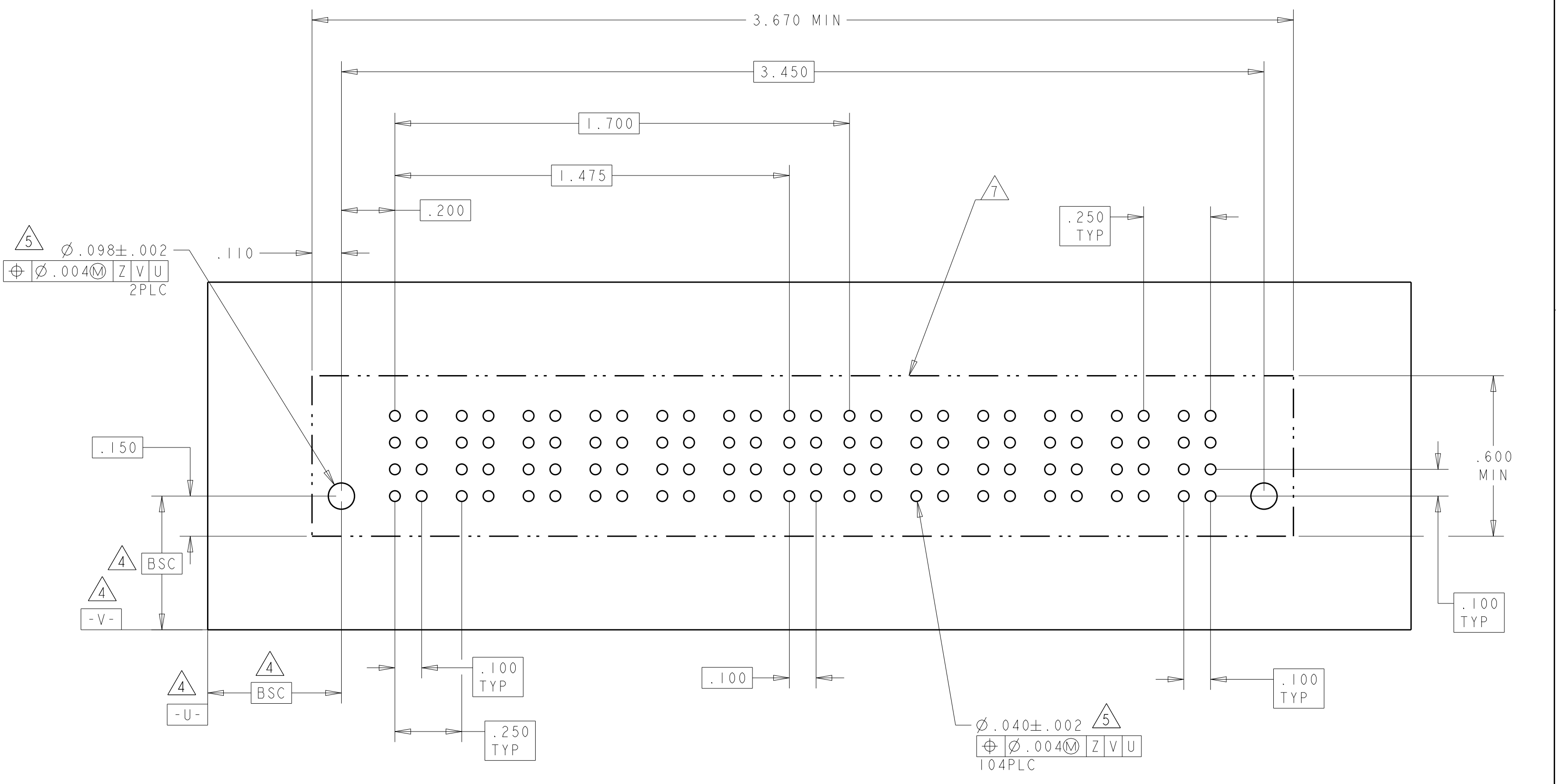
|             |                        |      |
|-------------|------------------------|------|
| .165"       | LOW POWER CONTACT MFBL | LZF  |
| .165"       | LOW POWER CONTACT      | LZ   |
| .165"       | SIGNAL CONTACT MFBL    | EF   |
| -           | HOLD DOWN              | HD   |
| .165"       | SIGNAL CONTACT MLBF    | ES   |
| .165"       | SIGNAL CONTACT STD     | EV   |
| .165"       | POWER CONTACT          | VM   |
| TAIL LENGTH | DESCRIPTION            | CODE |

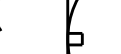
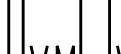
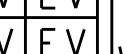
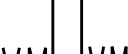
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|---------------------------------------------------------------------------------------|--|----------------------------------------|---------|------------------|-------------------------------------------------------------------------------------------------------|-----------|------------|---------------|--------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN                                    | D. ZHU  | 15NOV2007        |  TE Connectivity |           |            |               |        |
|                                                                                       |  | CHK                                    | S. ZHAO | 15NOV2007        |                                                                                                       |           |            |               |        |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |         | NAME             |                                                                                                       |           |            |               |        |
| INCHES                                                                                |  | 0 PLC ±.01                             |         | PRODUCT SPEC     |                                                                                                       |           |            |               |        |
|  |  | 2 PLC ±.01                             |         | 108-2292         |                                                                                                       |           |            |               |        |
|                                                                                       |  | 3 PLC ±.005                            |         | APPLICATION SPEC |                                                                                                       |           |            |               |        |
|                                                                                       |  | 4 PLC ±.0020                           |         | 114-13251        |                                                                                                       |           |            |               |        |
|                                                                                       |  | ANGLES ±.0020                          |         | WEIGHT           |                                                                                                       |           |            |               |        |
| MATERIAL                                                                              |  | FINISH                                 |         | SIZE             |                                                                                                       | CAGE CODE | DRAWING NO | RESTRICTED TO |        |
| -                                                                                     |  | -                                      |         | A1               |                                                                                                       | 100779    | ©=6450820  | -             |        |
| Customer Drawing                                                                      |  |                                        |         | SCALE            |                                                                                                       | -         | SHEET      | 5 OF 20       | REV G8 |

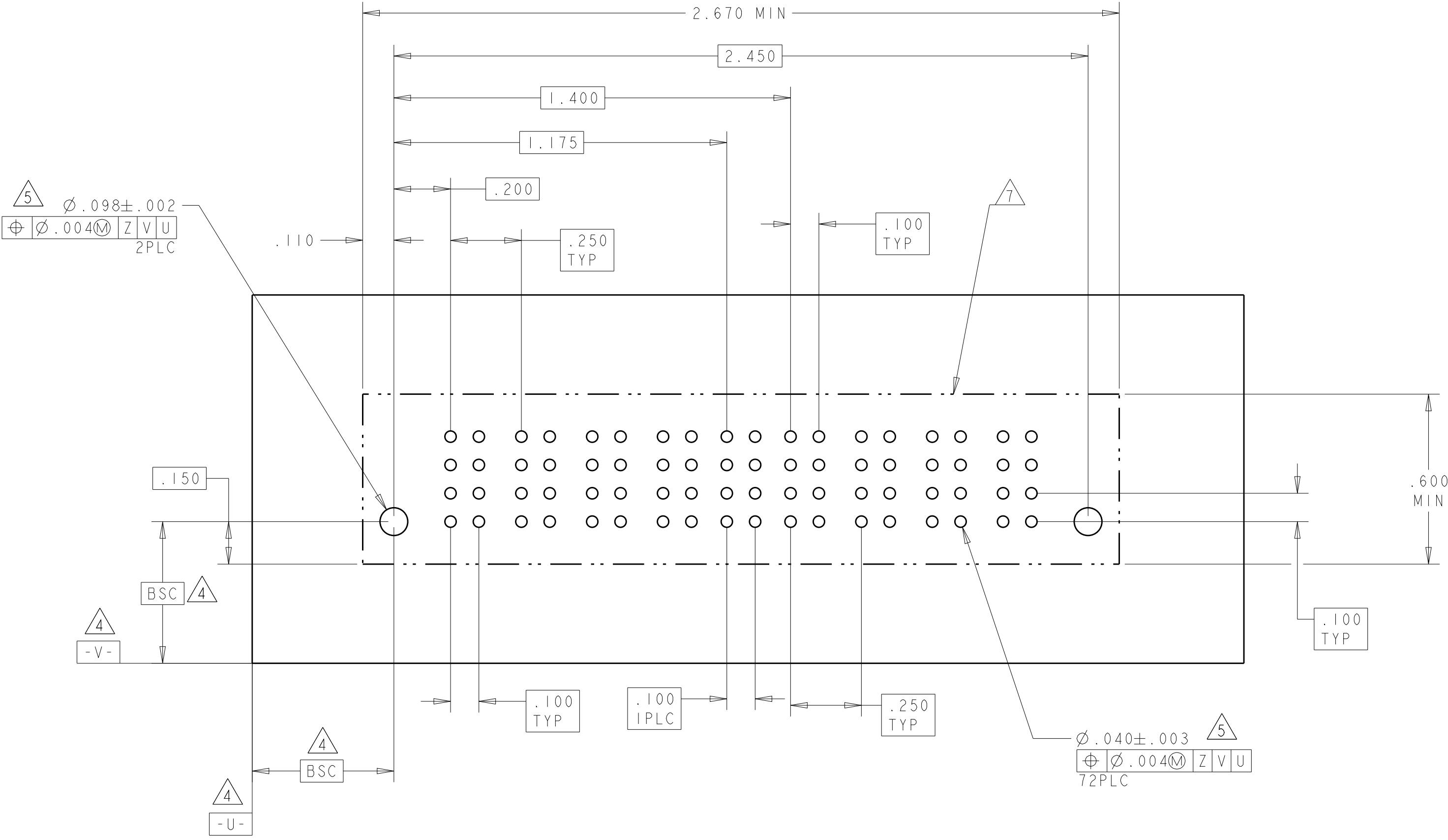
| PART NUMBER | ROWS             |                                                                                     | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | SIGNAL                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |
|-------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|             |                  |                                                                                     | P1                                                                                  | P2                                                                                  | P3                                                                                  | P4                                                                                  | P5                                                                                  | P6                                                                                  | 1                                                                                   | 2                                                                                   | 3                                                                                   | 4                                                                                   | 5                                                                                   |  |
| 1-6450820-5 | D<br>C<br>B<br>A |  |  |  |  |  |  |  |  |  |  |  |  |  |
|             |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |
|             |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |
|             |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |
| 6P + 20S    |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |  |

4805 (3/11)

| PART NUMBER  | ROWS             |  | POWER |    |    |    |    |    | SIGNAL |    | POWER |    |    |     |     |     |    |
|--------------|------------------|--|-------|----|----|----|----|----|--------|----|-------|----|----|-----|-----|-----|----|
|              |                  |  | P1    | P2 | P3 | P4 | P5 | P6 | 1      | 2  | P7    | P8 | P9 | P10 | P11 | P12 |    |
| 6450820-4    | D<br>C<br>B<br>A |  | VM    | VM | VM | VM | VM | VM | EV     | EV | VM    | VM | VM | VM  | VM  | VM  | HD |
|              |                  |  |       |    |    |    |    |    | EV     | EV |       |    |    |     |     |     |    |
|              |                  |  |       |    |    |    |    |    | EV     | EV |       |    |    |     |     |     |    |
|              |                  |  |       |    |    |    |    |    | EV     | EV |       |    |    |     |     |     |    |
| 6P + 8S + 6P |                  |  |       |    |    |    |    |    |        |    |       |    |    |     |     |     |    |

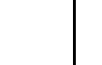
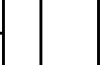
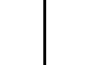
4805 (3/11)

| PART NUMBER  | ROWS             |                                                                                     | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     | SIGNAL                                                                              |                                                                                     | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|--------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|              |                  |                                                                                     | P1                                                                                  | P2                                                                                  | P3                                                                                  | P4                                                                                  | 1                                                                                   | 2                                                                                   | P5                                                                                  | P6                                                                                  | P7                                                                                  | P8                                                                                  |                                                                                     |
| 6450820-5    | D<br>C<br>B<br>A |  |  |  |  |  |  |  |  |  |  |  |  |
|              |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|              |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|              |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|              |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 4P + 8S + 4P |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

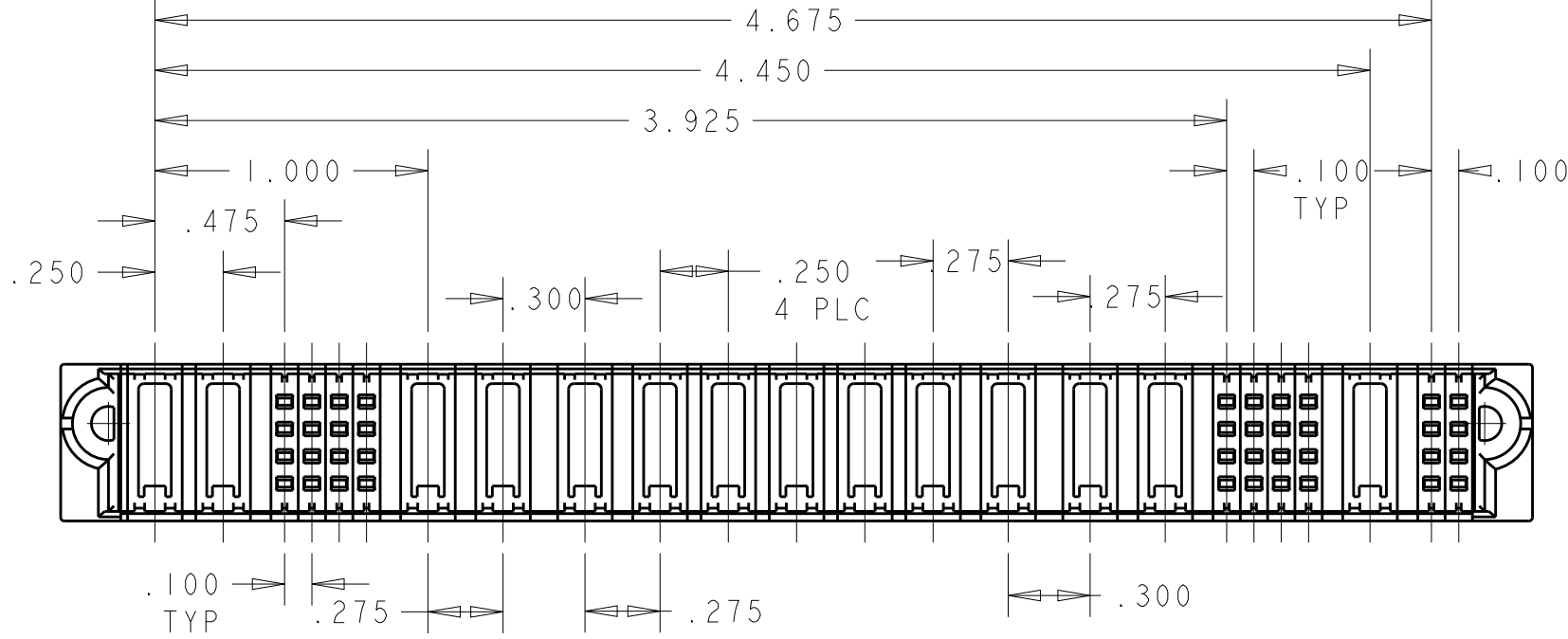


|                                                                                       |        |                                        |                                              |                                                                                                       |                     |                        |                    |
|---------------------------------------------------------------------------------------|--------|----------------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------|------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |        | DWN<br>D_ZHU                           | 15NOV2007                                    |  TE Connectivity |                     |                        |                    |
|                                                                                       |        | CHK<br>S_ZHAO                          | 15NOV2007                                    |                                                                                                       |                     |                        |                    |
|                                                                                       |        | APRD<br>S_ZHAO                         | -                                            |                                                                                                       |                     |                        |                    |
| DIMENSIONS:                                                                           |        | TOLERANCES UNLESS OTHERWISE SPECIFIED: |                                              | NAME<br>VERTICAL HEADER ASSEMBLY W/ SHORT<br>END MODULES, PRESS FIT<br>MULTI-BEAM XLE                 |                     |                        |                    |
| INCHES                                                                                |        |                                        |                                              |                                                                                                       |                     |                        |                    |
|  | 0 P/LC | ±.01                                   | PRODUCT SPEC<br>108-2292<br>APPLICATION SPEC | SIZE<br>A1                                                                                            | CAGE CODE<br>100779 | DRAWING NO<br>C6450820 | RESTRICTED TO<br>- |
|                                                                                       | 1 P/LC | ±.01                                   |                                              |                                                                                                       |                     |                        |                    |
|                                                                                       | 2 P/LC | ±.01                                   |                                              |                                                                                                       |                     |                        |                    |
|                                                                                       | 3 P/LC | ±.005                                  |                                              |                                                                                                       |                     |                        |                    |
|                                                                                       | 4 P/LC | ±.0020                                 |                                              |                                                                                                       |                     |                        |                    |
| ANGLES                                                                                |        | ±°                                     | 114-13251                                    | SIZE                                                                                                  | CAGE CODE           | DRAWING NO             | RESTRICTED TO      |
| FINISH                                                                                |        | -                                      | WEIGHT                                       | A1                                                                                                    | 100779              | C6450820               | -                  |
| MATERIAL                                                                              |        | -                                      | Customer Drawing                             | SCALE                                                                                                 | -                   | SHEET                  | 8 OF 20            |
|                                                                                       |        | -                                      |                                              |                                                                                                       |                     |                        | REV G8             |

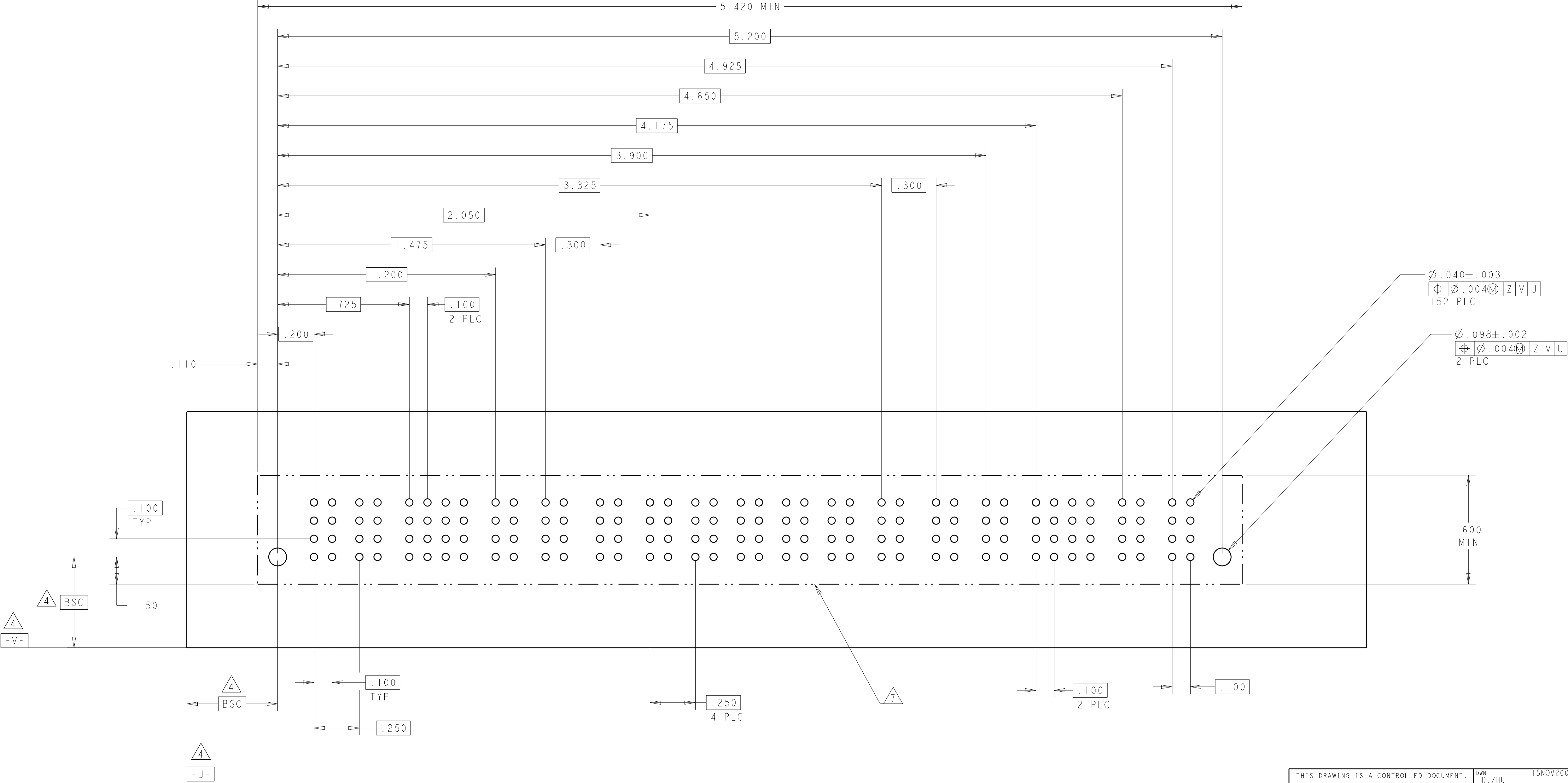
| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| ES  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      | -         |     | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |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

| PART NUMBER                         | ROWS             |                                                                                   | POWER |                                                                                   | SIGNAL |    |    |    | POWER                                                                             |    |    |                                                                                   |    |    |    |                                                                                     |     |     |                                                                                     |    |    | SIGNAL |    |                                                                                     |    | POWER | SIGNAL                                                                              |  |  |
|-------------------------------------|------------------|-----------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|--------|----|----|----|-----------------------------------------------------------------------------------|----|----|-----------------------------------------------------------------------------------|----|----|----|-------------------------------------------------------------------------------------|-----|-----|-------------------------------------------------------------------------------------|----|----|--------|----|-------------------------------------------------------------------------------------|----|-------|-------------------------------------------------------------------------------------|--|--|
|                                     |                  |                                                                                   | P1    | P2                                                                                | 1      | 2  | 3  | 4  | P3                                                                                | P4 | P5 | P6                                                                                | P7 | P8 | P9 | P10                                                                                 | P11 | P12 | P13                                                                                 | 5  | 6  | 7      | 8  | P14                                                                                 | 9  | 10    |                                                                                     |  |  |
| 6450820-6                           | D<br>C<br>B<br>A |  | VM    |  | EV     | EV | EV | EV |  | VM | VM |  | VM | EV | VM |  | VM  | VM  |  | EV | EV | EV     | EV |  | EV | ES    |  |  |  |
|                                     |                  |                                                                                   |       |                                                                                   | EV     | EV | EV | EV |                                                                                   |    |    |                                                                                   |    |    |    |                                                                                     |     |     |                                                                                     | EV | EV | EV     | EV |                                                                                     | EV | EV    |                                                                                     |  |  |
|                                     |                  |                                                                                   |       |                                                                                   | EV     | EV | EV | EV |                                                                                   |    |    |                                                                                   |    |    |    |                                                                                     |     |     |                                                                                     | EV | EV | EV     | EV |                                                                                     | EV | EV    |                                                                                     |  |  |
|                                     |                  |                                                                                   |       |                                                                                   | EV     | EV | EV | EV |                                                                                   |    |    |                                                                                   |    |    |    |                                                                                     |     |     |                                                                                     | EV | EV | EV     | EV |                                                                                     | EV | EV    |                                                                                     |  |  |
|                                     |                  |                                                                                   |       |                                                                                   | ES     | EV | EV | EV |                                                                                   |    |    |                                                                                   |    |    |    |                                                                                     |     |     |                                                                                     | EV | EV | EV     | EV |                                                                                     | EV | EV    |                                                                                     |  |  |
| 2P+16S+1P+2ACP+5P+2ACP+1P+16S+1P+8S |                  |                                                                                   |       |                                                                                   |        |    |    |    |                                                                                   |    |    |                                                                                   |    |    |    |                                                                                     |     |     |                                                                                     |    |    |        |    |                                                                                     |    |       |                                                                                     |  |  |

NO CONTACTS LOADED



SCALE 3:2  
6450820-6



|                                        |  |                                           |           |                                                                                       |  |
|----------------------------------------|--|-------------------------------------------|-----------|---------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>D. ZHU                             | 15NOV2007 | TE Connectivity                                                                       |  |
|                                        |  | CHK<br>S. ZHAO                            | 15NOV2007 |                                                                                       |  |
| DIMENSIONS:<br>INCHES                  |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |           | NAME<br>VERTICAL HEADER ASSEMBLY W/ SHORT<br>END MODULES, PRESS FIT<br>MULTI-BEAM XLE |  |
|                                        |  | 0 PLC ±.01                                |           | PRODUCT SPEC                                                                          |  |
|                                        |  | 1 PLC ±.01                                |           | 108-2292                                                                              |  |
|                                        |  | 2 PLC ±.005                               |           | APPLICATION SPEC                                                                      |  |
|                                        |  | 3 PLC ±.002                               |           | 114-13251                                                                             |  |
|                                        |  | 4 PLC ±.002                               |           | WEIGHT                                                                                |  |
|                                        |  | ANGLES ±2°                                |           | Customer Drawing                                                                      |  |
|                                        |  | FINISH                                    |           | SCALE                                                                                 |  |
| MATERIAL                               |  |                                           |           | SHEET 9 OF 20                                                                         |  |
|                                        |  |                                           |           | REV G8                                                                                |  |

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

| PART NUMBER                         | ROWS             |  | POWER |    | SIGNAL |    |    |    | POWER |    |    |    |    |    |    |     |     |     | SIGNAL |    |    |    | POWER | SIGNAL |    |    |  |    |    |    |
|-------------------------------------|------------------|--|-------|----|--------|----|----|----|-------|----|----|----|----|----|----|-----|-----|-----|--------|----|----|----|-------|--------|----|----|--|----|----|----|
|                                     |                  |  | P1    | P2 | 1      | 2  | 3  | 4  | P3    | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | P13    | 5  | 6  | 7  | 8     | P14    | 9  | 10 |  |    |    |    |
| 6450820-7                           | D<br>C<br>B<br>A |  | VM    |    | EV     | EV | EV | EV |       | VM | VM |    | VM |    | VM |     | VM  | VM  |        | EV | EV | EV | EV    |        | EV | ES |  |    |    |    |
|                                     |                  |  |       |    | EV     | EV | EV | EV |       |    |    |    |    |    |    |     |     |     |        | EV | EV | EV | EV    |        | EV | EV |  | EV | EF |    |
|                                     |                  |  |       |    | EF     | EV | EV | EV |       |    |    |    |    |    |    |     |     |     |        | EV | EV | EV | EV    |        | EV | EV |  | EV | EV | EV |
|                                     |                  |  |       |    | ES     | EV | EV | EV |       |    |    |    |    |    |    |     |     |     |        | EV | EV | EV | EV    |        | EV | EV |  | EV | EV | EV |
| 2P+16S+1P+2ACP+5P+2ACP+1P+16S+1P+8S |                  |  |       |    |        |    |    |    |       |    |    |    |    |    |    |     |     |     |        |    |    |    |       |        |    |    |  |    |    |    |

NO CONTACTS LOADED

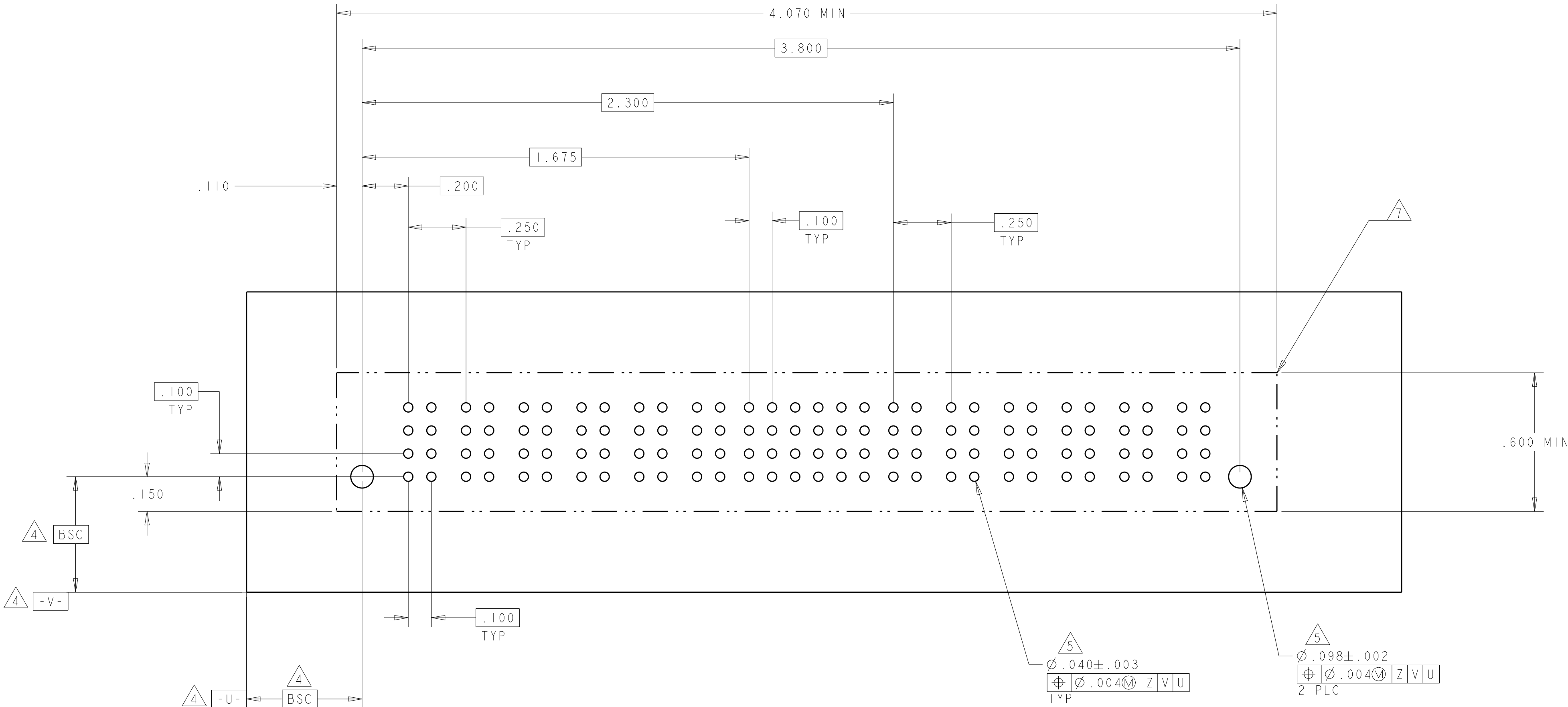
THE PCB LAYOUT IS THE SAME AS 6450820-6.  
PLEASE SEE 6450820-6 FOR DETAIL DIM.

|                                                                                       |  |                                        |         |           |                                                                                                       |         |   |
|---------------------------------------------------------------------------------------|--|----------------------------------------|---------|-----------|-------------------------------------------------------------------------------------------------------|---------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN                                    | D. ZHU  | 15NOV2007 |  TE Connectivity |         |   |
|                                                                                       |  | CHK                                    | S. ZHAO | 15NOV2007 |                                                                                                       |         |   |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |         |           | APVD                                                                                                  | S. ZHAO | - |
| INCHES                                                                                |  | 0 PLC ±"                               |         |           | NAME                                                                                                  |         |   |
|  |  | 1 PLC ±.01                             |         |           | VERTICAL HEADER ASSEMBLY W/ SHORT<br>END MODULES, PRESS FIT<br>MULTI-BEAM XLE                         |         |   |
|                                                                                       |  | 3 PLC ±.005                            |         |           |                                                                                                       |         |   |
|                                                                                       |  | 4 PLC ±.0020                           |         |           |                                                                                                       |         |   |
| ANGLES                                                                                |  | FINISH                                 |         |           | PRODUCT SPEC                                                                                          |         |   |
|                                                                                       |  |                                        |         |           | 108-2292                                                                                              |         |   |
|                                                                                       |  |                                        |         |           | APPLICATION SPEC                                                                                      |         |   |
|                                                                                       |  |                                        |         |           | 114-13251                                                                                             |         |   |
| MATERIAL                                                                              |  | WEIGHT                                 |         |           | SIZE CASE CODE DRAWING NO                                                                             |         |   |
| -                                                                                     |  | -                                      |         |           | A1 100779C-6450820                                                                                    |         |   |
|                                                                                       |  | Customer Drawing                       |         |           | RESTRICTED TO                                                                                         |         |   |
|                                                                                       |  |                                        |         |           | -                                                                                                     |         |   |
|                                                                                       |  |                                        |         |           | SCALE - SHEET 10 OF 20 REV G8                                                                         |         |   |

[illegible]4805 (3/11)

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

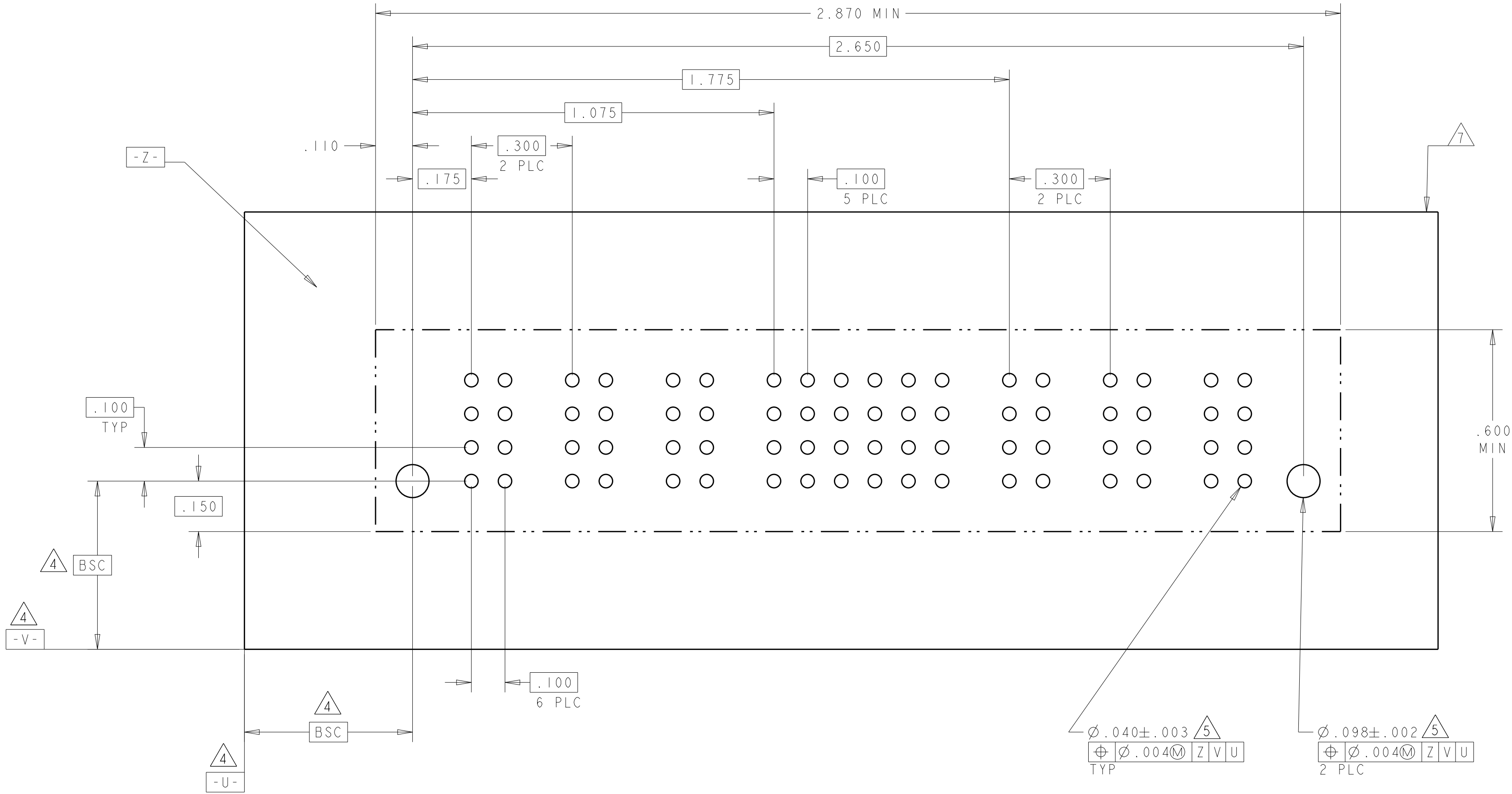
| PART NUMBER   | ROWS             |                                                                                   | POWER                                                                             |    |    |    |    |    | SIGNAL |    |    |    |    |    | POWER |    |    |     |     |     |  |
|---------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----|----|----|----|----|--------|----|----|----|----|----|-------|----|----|-----|-----|-----|--|
|               |                  |                                                                                   | P1                                                                                | P2 | P3 | P4 | P5 | P6 | 1      | 2  | 3  | 4  | 5  | 6  | P7    | P8 | P9 | P10 | P11 | P12 |  |
| I-6450820-1   | D<br>C<br>B<br>A |  | VM                                                                                | VM | VM | VM | VM | VM | EV     | EV | EV | EV | EV | EV | VM    | VM | VM | VM  | VM  | VM  |  |
|               |                  |                                                                                   |                                                                                   |    |    |    |    |    | EV     | EV | EV | EV | EV | EV |       |    |    |     |     |     |  |
|               |                  |                                                                                   |                                                                                   |    |    |    |    |    | EV     | EV | EV | EV | EV | EV |       |    |    |     |     |     |  |
|               |                  |                                                                                   |                                                                                   |    |    |    |    |    | ES     | EV | EV | EV | EV | EV |       |    |    |     |     |     |  |
| 6P + 24S + 6P |                  |                                                                                   |  |    |    |    |    |    |        |    |    |    |    |    |       |    |    |     |     |     |  |



|                                        |  |                                        |                  |     |                  |           |                                                                                                       |                                                                                       |                                                                               |  |  |  |           |            |               |
|----------------------------------------|--|----------------------------------------|------------------|-----|------------------|-----------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--|--|--|-----------|------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  |                                        |                  | DWN | D. ZHU           | 15NOV2007 |  TE Connectivity |                                                                                       |                                                                               |  |  |  |           |            |               |
|                                        |  |                                        |                  | CHK | S. ZHAO          | 15NOV2007 |                                                                                                       |                                                                                       |                                                                               |  |  |  |           |            |               |
| DIMENSIONS:                            |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |                  |     | APVD             | S. ZHAO   | -                                                                                                     | NAME                                                                                  | VERTICAL HEADER ASSEMBLY W/ SHORT<br>END MODULES, PRESS FIT<br>MULTI-BEAM XLE |  |  |  |           |            |               |
| INCHES                                 |  | 0 PLC ±.01                             |                  |     | PRODUCT SPEC     |           |                                                                                                       |  |                                                                               |  |  |  |           |            |               |
| 2 PLC ±.01                             |  |                                        | 108-2292         |     |                  |           |                                                                                                       |                                                                                       |                                                                               |  |  |  |           |            |               |
| 3 PLC ±.005                            |  |                                        | APPLICATION SPEC |     |                  |           |                                                                                                       |                                                                                       |                                                                               |  |  |  |           |            |               |
| 4 PLC ±.0020                           |  |                                        | 114-13251        |     |                  |           |                                                                                                       |                                                                                       |                                                                               |  |  |  |           |            |               |
| ANGLES                                 |  | FINISH                                 |                  |     | WEIGHT           |           |                                                                                                       | SIZE                                                                                  |                                                                               |  |  |  | CAGE CODE | DRAWING NO | RESTRICTED TO |
| -                                      |  | -                                      |                  |     | -                |           |                                                                                                       | A1                                                                                    |                                                                               |  |  |  | 100779    | C6450820   | -             |
| MATERIAL                               |  | -                                      |                  |     | Customer Drawing |           |                                                                                                       | SCALE                                                                                 |                                                                               |  |  |  | -         | SHEET      | 12 of 20      |

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

| PART NUMBER       | ROWS |  | POWER |    |    | SIGNAL |    |    |    |    |    | POWER |    |    |  |
|-------------------|------|--|-------|----|----|--------|----|----|----|----|----|-------|----|----|--|
|                   |      |  | P1    | P2 | P3 | 1      | 2  | 3  | 4  | 5  | 6  | P4    | P5 | P6 |  |
| 1-6450820-3       | D    |  | VM    | VM | VM | EV     | EV | EV | EV | EV | EV | VM    | VM | VM |  |
|                   | C    |  |       |    |    | EV     | EV | EV | EV | EV | EV |       |    |    |  |
|                   | B    |  |       |    |    | EV     | EV | EV | EV | EV | EV |       |    |    |  |
|                   | A    |  |       |    |    | EV     | EV | EV | EV | EV | EV |       |    |    |  |
| 3ACP + 24S + 3ACP |      |  |       |    |    |        |    |    |    |    |    |       |    |    |  |



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
D. ZHU  
CHK  
S. ZHAO  
APVD  
S. ZHAO

15NOV2007  
15NOV2007  
-

DIMENSIONS:  
INCHES

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

MATERIAL  
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
-

Customer Drawing

NAME  
VERTICAL HEADER ASSEMBLY W/ SHORT  
END MODULES, PRESS FIT  
MULTI-BEAM XLE

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
6450820

RESTRICTED TO  
-

SCALE  
-

SHEET  
13

OF  
20

REV  
G8

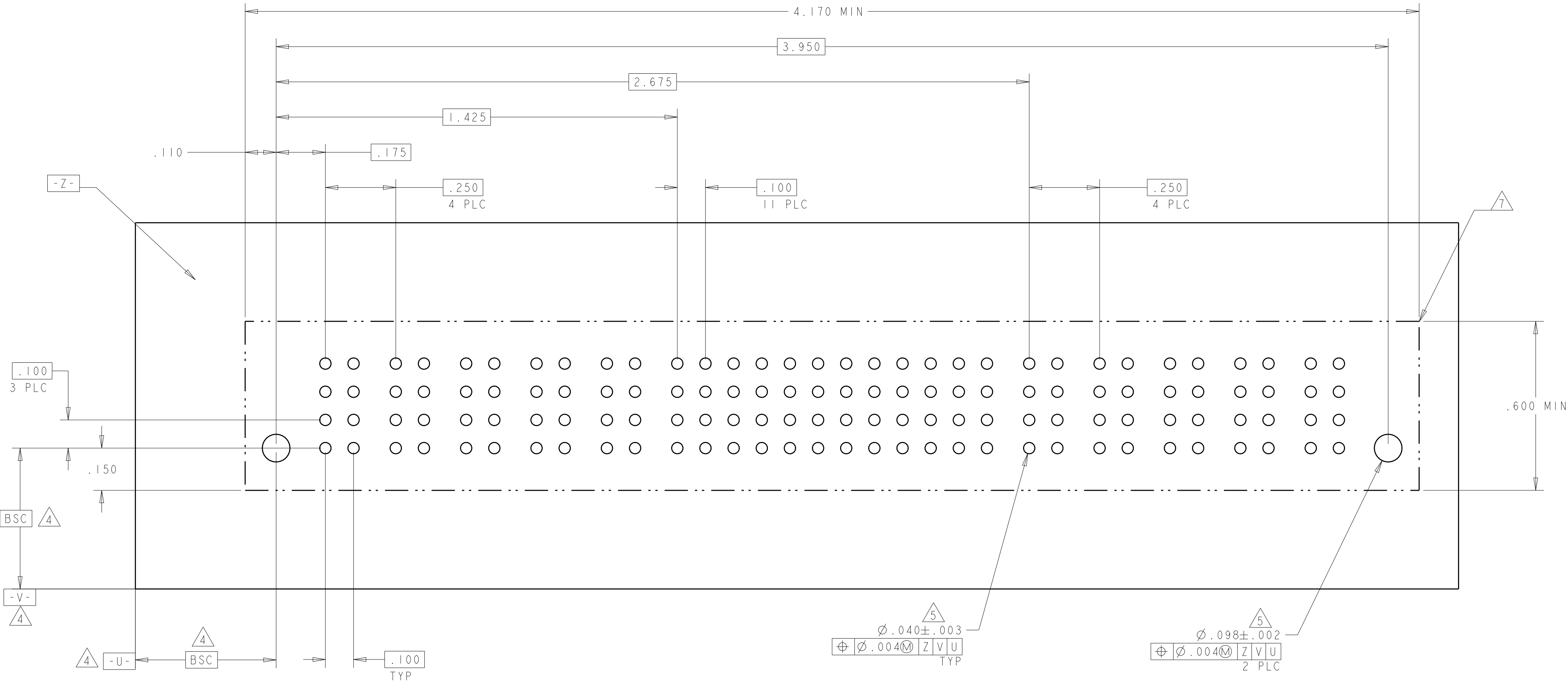
TE Connectivity

TE

[illegible]4805 (3/11)

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

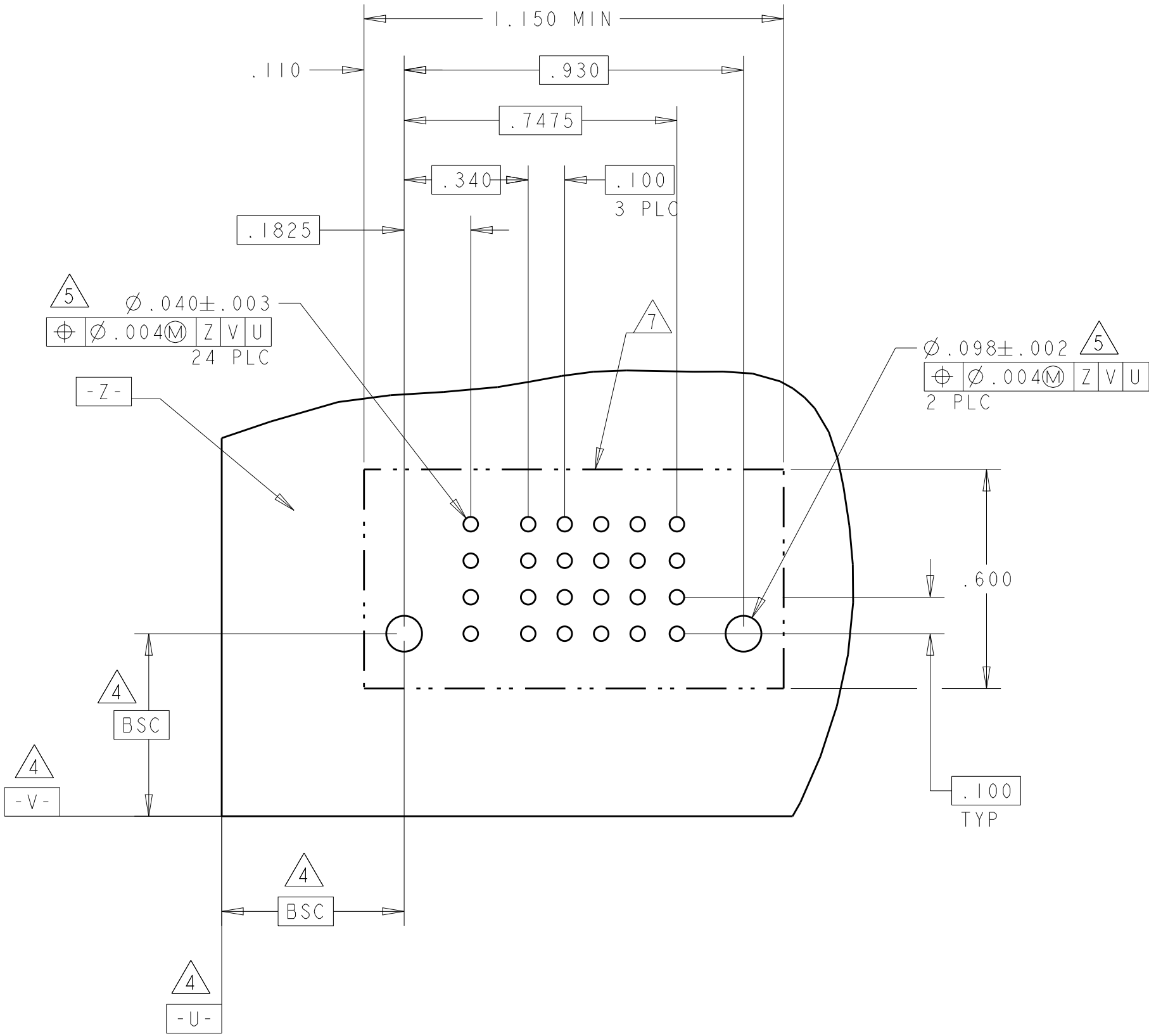
| PART NUMBER   | ROWS             |  | POWER |    |    |    |    | SIGNAL |    |    |    |    |    |    |    |    |    |    |    | POWER |    |    |    |     |  |    |
|---------------|------------------|-----------------------------------------------------------------------------------|-------|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|-------|----|----|----|-----|-------------------------------------------------------------------------------------|----|
|               |                  |                                                                                   | P1    | P2 | P3 | P4 | P5 | 1      | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | P6    | P7 | P8 | P9 | P10 |                                                                                     |    |
| 1-6450820-8   | D<br>C<br>B<br>A |  | VM    | VM | VM | VM | VM | EV     | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | VM    | VM | VM | VM | VM  |  |    |
|               |                  |                                                                                   |       |    |    |    |    | EV     | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV |       |    |    |    |     |                                                                                     | EV |
|               |                  |                                                                                   |       |    |    |    |    | EV     | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV |       |    |    |    |     |                                                                                     | EV |
|               |                  |                                                                                   |       |    |    |    |    | EV     | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV |       |    |    |    |     |                                                                                     | EV |
| 5P + 48S + 5P |                  |                                                                                   |       |    |    |    |    |        |    |    |    |    |    |    |    |    |    |    |    |       |    |    |    |     |                                                                                     |    |



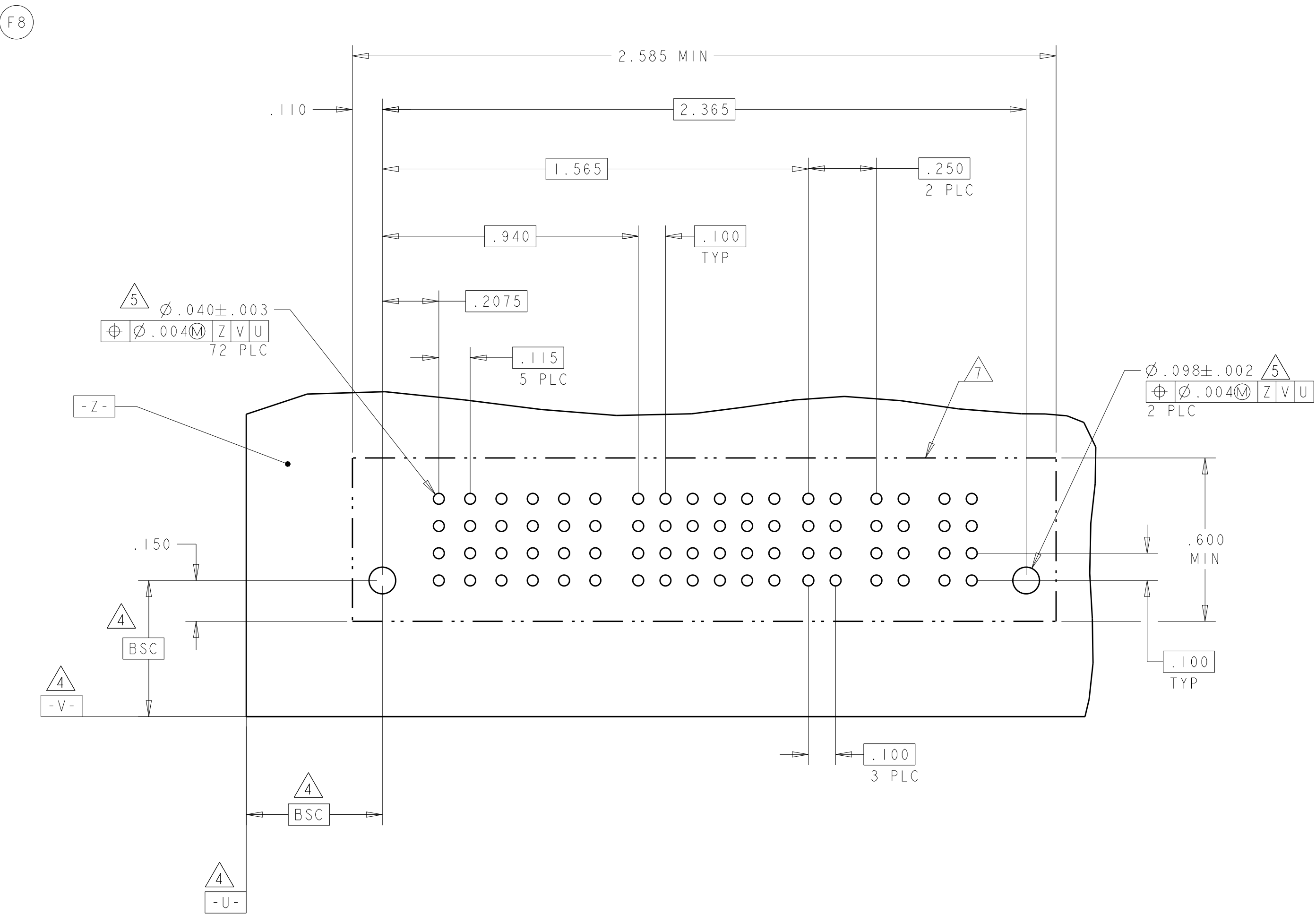
[illegible]4805 (3/11)

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

| PART NUMBER     | ROWS |    | POWER | SIGNAL |    |    |    | POWER |    |
|-----------------|------|----|-------|--------|----|----|----|-------|----|
|                 |      |    | LP1   | 1      | 2  | 3  | 4  | LP2   |    |
| 2-6450820-0     | D    | HD | LZ    | EV     | EV | EV | EV | LZ    | HD |
|                 | C    |    |       | EV     | EV | EV | EV |       |    |
|                 | B    |    |       | EV     | EV | EV | EV |       |    |
|                 | A    |    |       | EV     | EV | EV | EV |       |    |
| 1LP + 16S + 1LP |      |    |       |        |    |    |    |       |    |



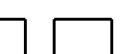
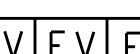
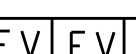
| PART NUMBER    | ROWS |    | LOW POWER |     |     |     |     |     | SIGNAL |    |    |    |    |    | POWER |    |    |    |
|----------------|------|----|-----------|-----|-----|-----|-----|-----|--------|----|----|----|----|----|-------|----|----|----|
|                |      |    | LP1       | LP2 | LP3 | LP4 | LP5 | LP6 | 1      | 2  | 3  | 4  | 5  | 6  | P1    | P2 | P3 |    |
| 2-6450820-1    | D    | HD | LZ        | LZ  | LZ  | LZ  | LZ  | LZ  | EV     | EV | EV | EV | EV | EV | VM    | VM | VM | HD |
|                | C    |    |           |     |     |     |     |     | EV     | EV | EV | EV | EV | EV |       |    |    |    |
|                | B    |    |           |     |     |     |     |     | EV     | EV | ES | EV | EV | EV |       |    |    |    |
|                | A    |    |           |     |     |     |     |     | EV     | EV | EV | EV | EV | EV |       |    |    |    |
| 6LP + 24S + 3P |      |    |           |     |     |     |     |     |        |    |    |    |    |    |       |    |    |    |



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

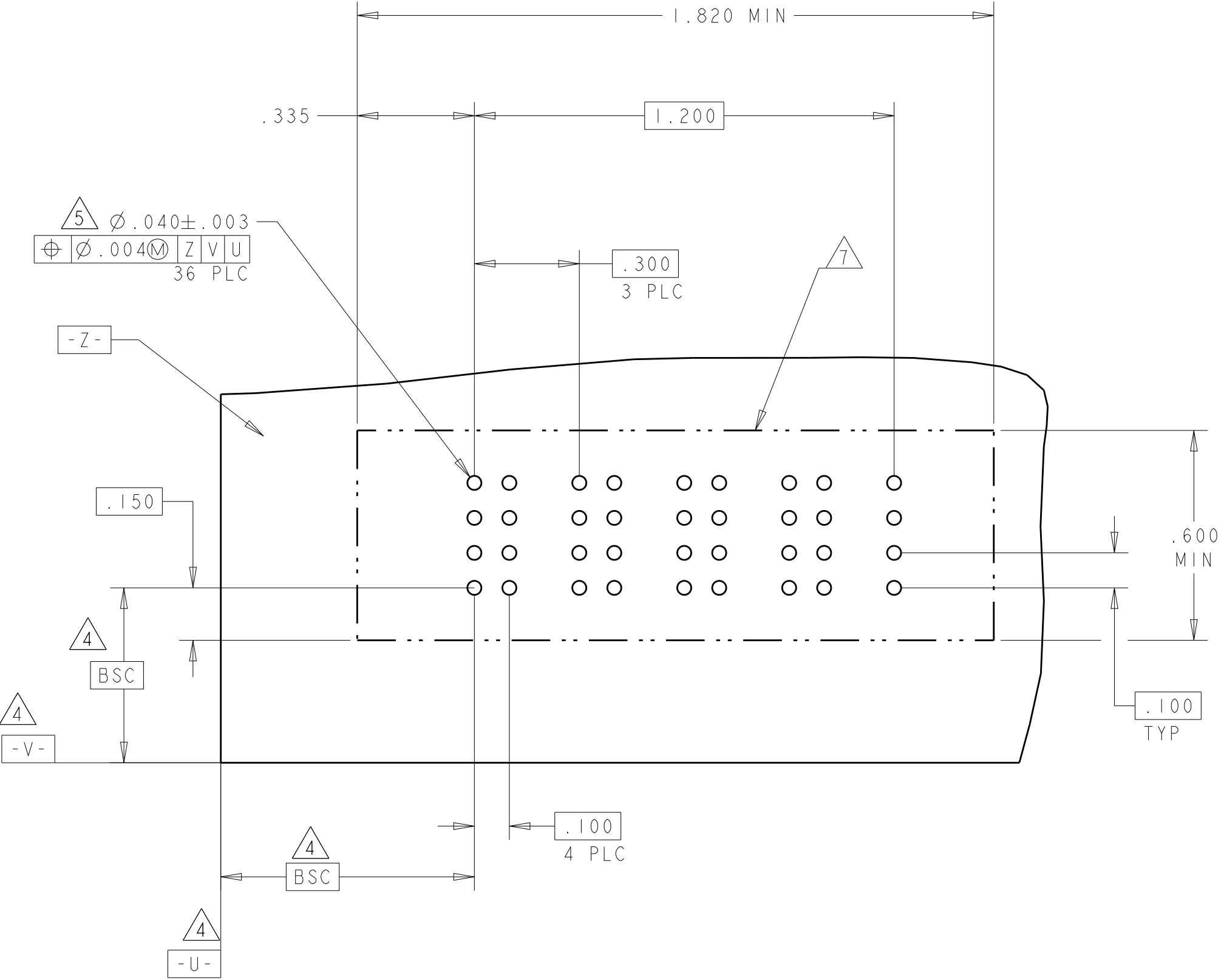
| PART NUMBER | ROWS             |                                                                                   | POWER                                                                             |                                                                                   |                                                                                   |    | SIGNAL                                                                            |  |
|-------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------|--|
|             |                  |                                                                                   | P1                                                                                | P2                                                                                | P3                                                                                | P4 | I                                                                                 |  |
| 2-6450820-2 | D<br>C<br>B<br>A |  |  |  |  | EV |  |  |
|             |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   | EV |                                                                                   |  |
|             |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   | EV |                                                                                   |  |
|             |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   | EV |                                                                                   |  |
|             |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |    |                                                                                   |  |
| 4ACP + 4S   |                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |    |                                                                                   |  |

G1

| PART NUMBER   | ROWS             |                                                                                     | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    | SIGNAL |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | POWER |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|               |                  |                                                                                     | P1                                                                                  | P2                                                                                  | P3                                                                                  | P4                                                                                  | P5                                                                                  | P6                                                                                  | P7                                                                                  | P8 | 1      | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | P9    | P10 | P11 | P12 | P13 | P14 | P15 | P16 |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6450820-9     | D<br>C<br>B<br>A |  |  |  |  |  |  |  |  | EV | EV     | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV    | EV  | EV  | EV  | EV  | EV  | EV  | EV  | EV | EV |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|               |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | EV | EV     | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV    | EV  | EV  | EV  | EV  | EV  | EV  | EV  | EV | EV | EV | EV | EV | EV | EV |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|               |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | EV | EV     | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV    | EV  | EV  | EV  | EV  | EV  | EV  | EV  | EV | EV | EV | EV | EV | EV | EV | EV |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|               |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | EV | EV     | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV | EV    | EV  | EV  | EV  | EV  | EV  | EV  | EV  | EV | EV | EV | EV | EV | EV | EV | EV |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8P + 72S + 8P |                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |        |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

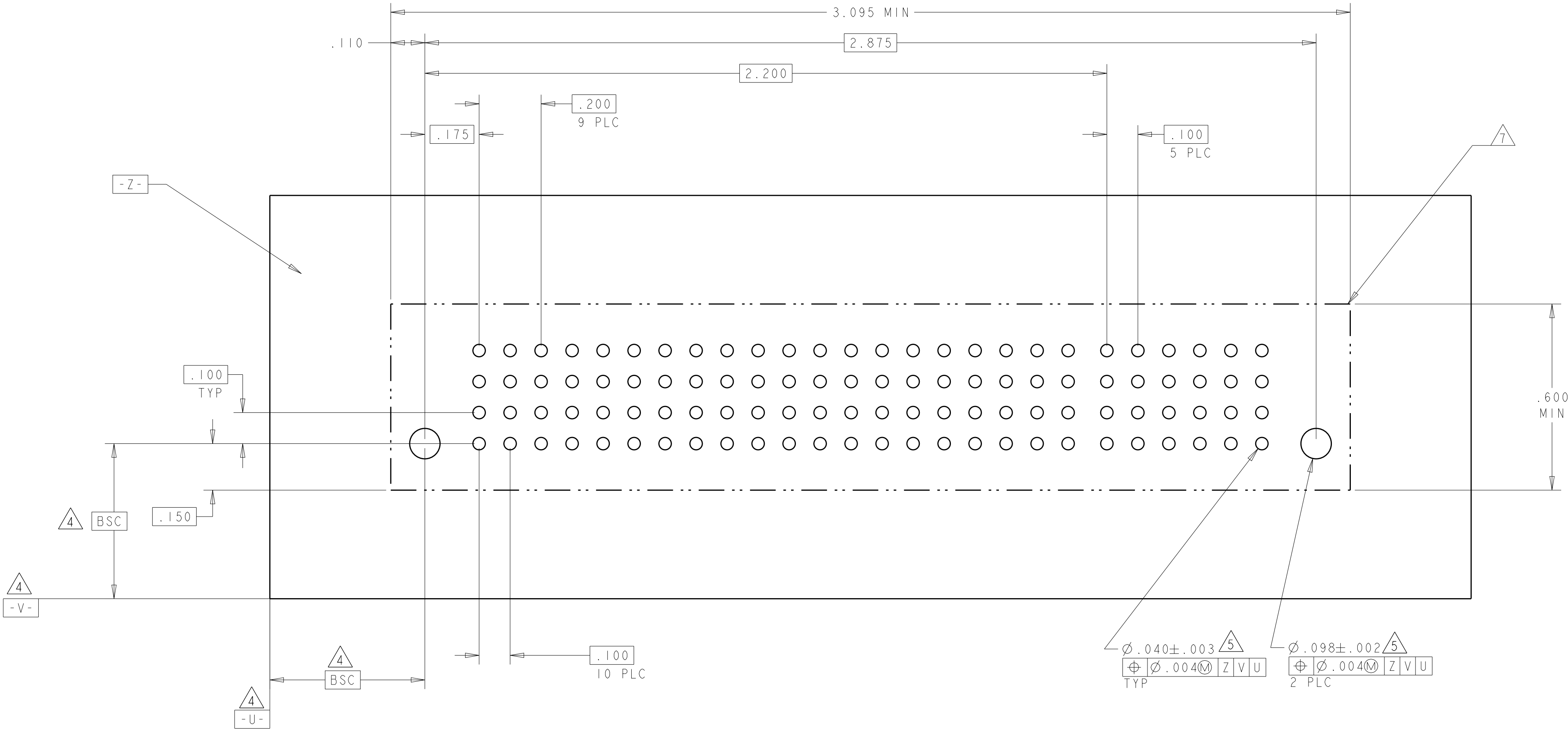
G3

THE PCB LAYOUT IS THE SAME AS 6450820-8.



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

| PART NUMBER | ROWS        |                                                                      | POWER         |               |               |               |               |               |               |               |               |               | SIGNAL        |               |               |                                                                                     |   |   |  |  |  |                                                                      |
|-------------|-------------|----------------------------------------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------------------------------------------------------------------------|---|---|--|--|--|----------------------------------------------------------------------|
|             |             |                                                                      | P1            | P2            | P3            | P4            | P5            | P6            | P7            | P8            | P9            | P10           | 1             | 2             | 3             | 4                                                                                   | 5 | 6 |  |  |  |                                                                      |
| 2-6450820-3 | D           | <div><div></div><div></div><div></div><div></div><div>HD</div></div> | <div>VM</div> | <div>VM</div> | <div>VM</div> | <div>VM</div> | <div>VM</div> | <div>VM</div> | <div>VM</div> | <div>VM</div> | <div>VM</div> | <div>VM</div> | <div>VM</div> | <div>VM</div> | <div>VM</div> |                                                                                     |   |   |  |  |  | <div><div></div><div></div><div></div><div></div><div>HD</div></div> |
|             | C           |                                                                      |               |               |               |               |               |               |               |               |               |               |               |               |               | <div>EV</div> <div>EV</div> <div>EV</div> <div>EV</div> <div>EV</div> <div>EV</div> |   |   |  |  |  |                                                                      |
|             | B           |                                                                      |               |               |               |               |               |               |               |               |               |               |               |               |               | <div>EV</div> <div>EV</div> <div>EV</div> <div>EV</div> <div>EV</div> <div>EV</div> |   |   |  |  |  |                                                                      |
|             | A           |                                                                      |               |               |               |               |               |               |               |               |               |               |               |               |               | <div>EV</div> <div>EV</div> <div>EV</div> <div>EV</div> <div>EV</div> <div>EV</div> |   |   |  |  |  |                                                                      |
|             | 10HDP + 24S |                                                                      |               |               |               |               |               |               |               |               |               |               |               |               |               |                                                                                     |   |   |  |  |  |                                                                      |



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
D. ZHU  
CHK  
S. ZHAO  
APVD  
S. ZHAO

15NOV2007  
15NOV2007  
-

DIMENSIONS:  
INCHES

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

MATERIAL  
-

Customer Drawing

NAME  
VERTICAL HEADER ASSEMBLY W/ SHORT  
END MODULES, PRESS FIT  
MULTI-BEAM XLE

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
6450820

RESTRICTED TO  
-

TE Connectivity

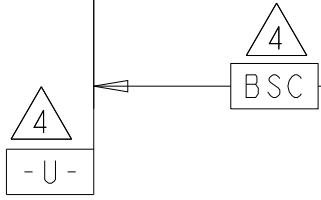
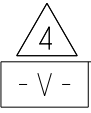
SCALE  
-

SHEET  
19

OF  
20

REV  
G8

68

4805 (3/11)