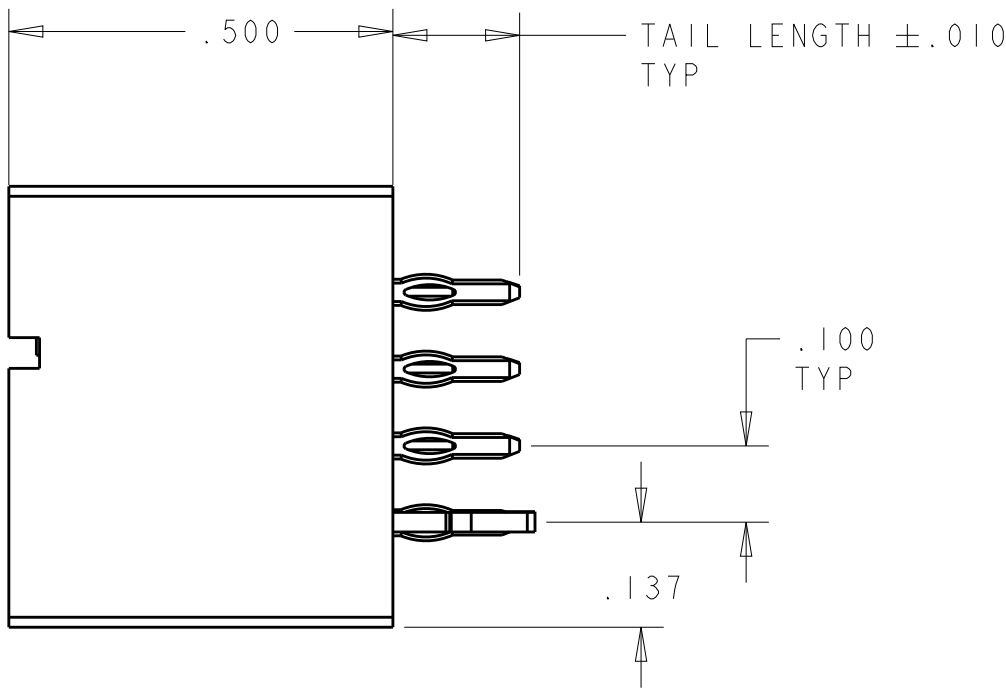
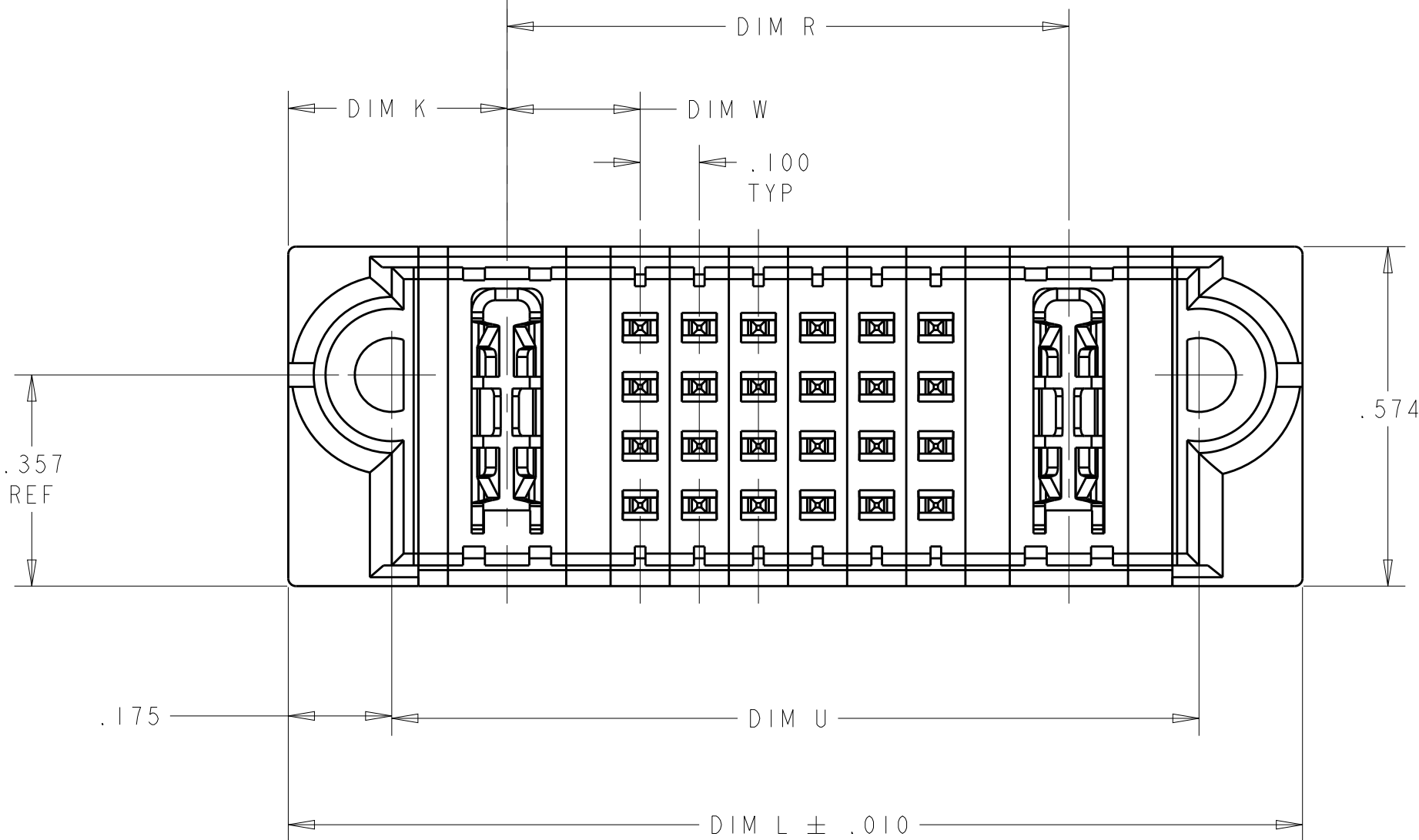
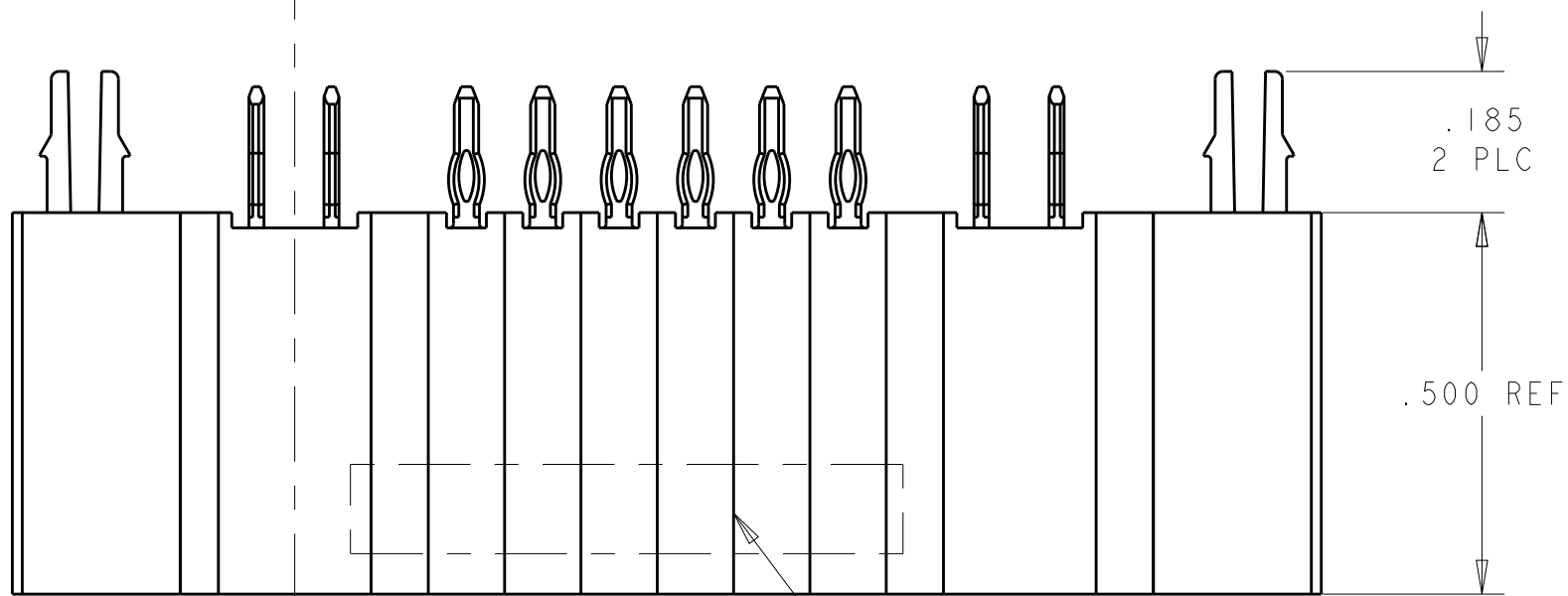
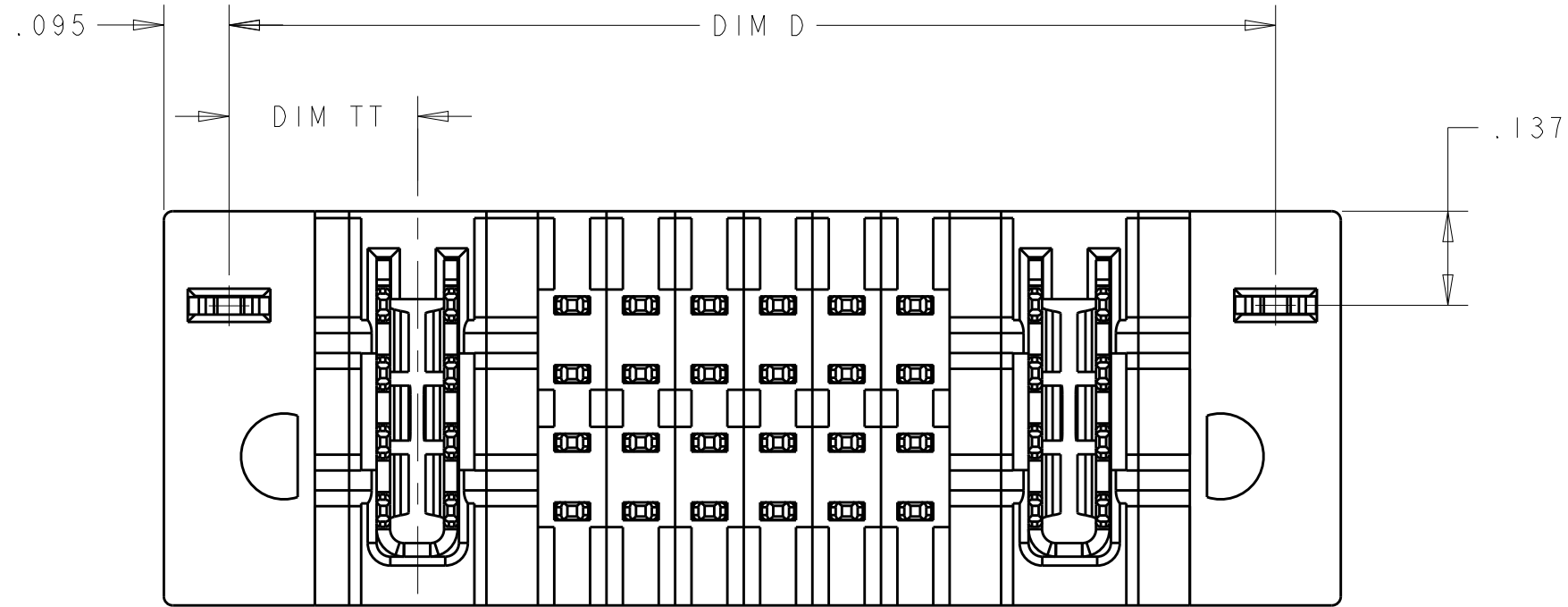
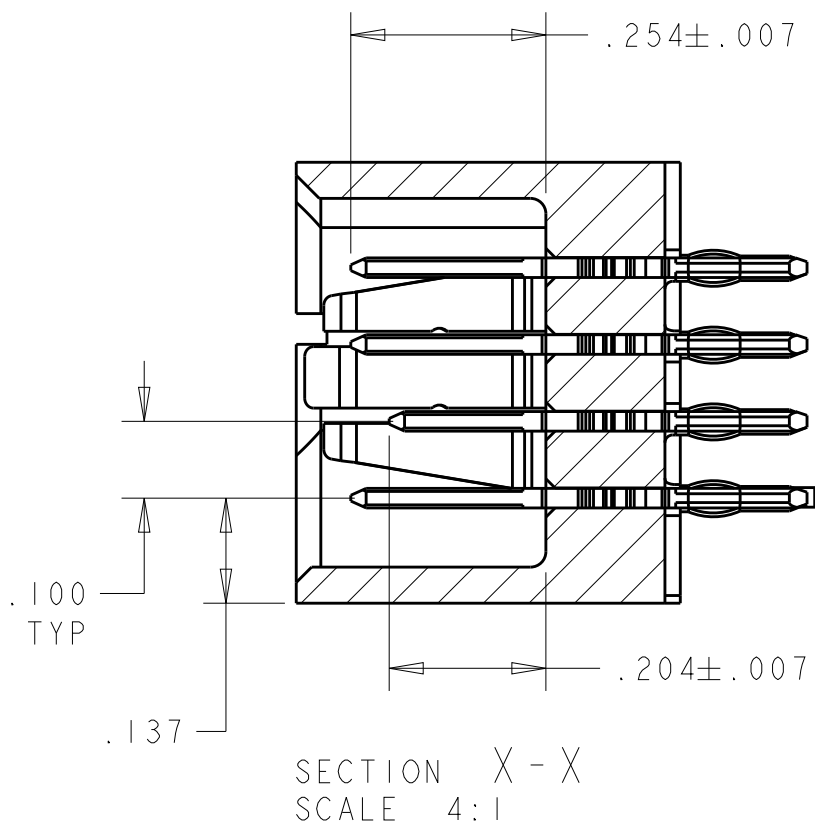


| LOC | DIST | REVISIONS |     |                            |           |     |      |  |
|-----|------|-----------|-----|----------------------------|-----------|-----|------|--|
| ES  | 00   | P         | LTR | DESCRIPTION                | DATE      | DWN | APVD |  |
|     |      |           | G6  | 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  
A100779

CAGE CODE  
6450820

DRAWING NO  
-

RESTRICTED TO  
-

SCALE  
-

SHEET  
1

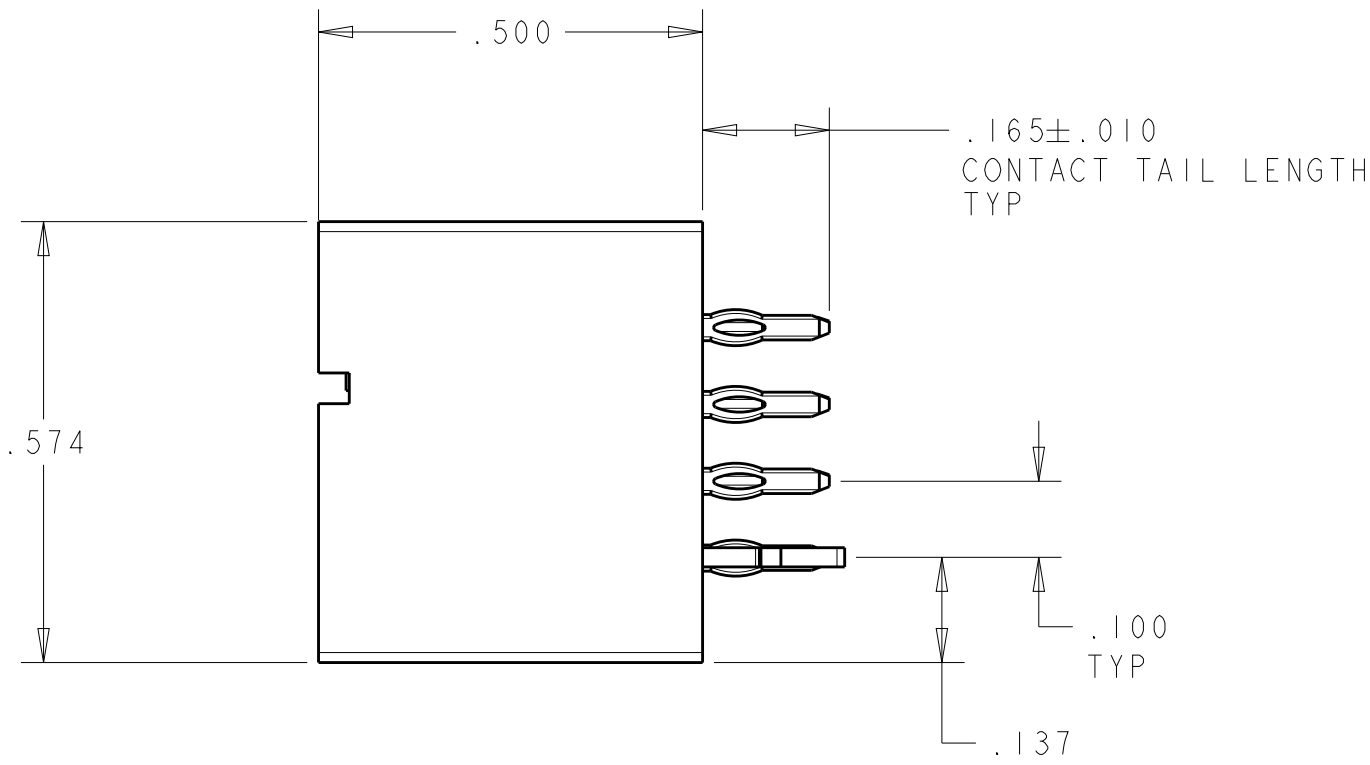
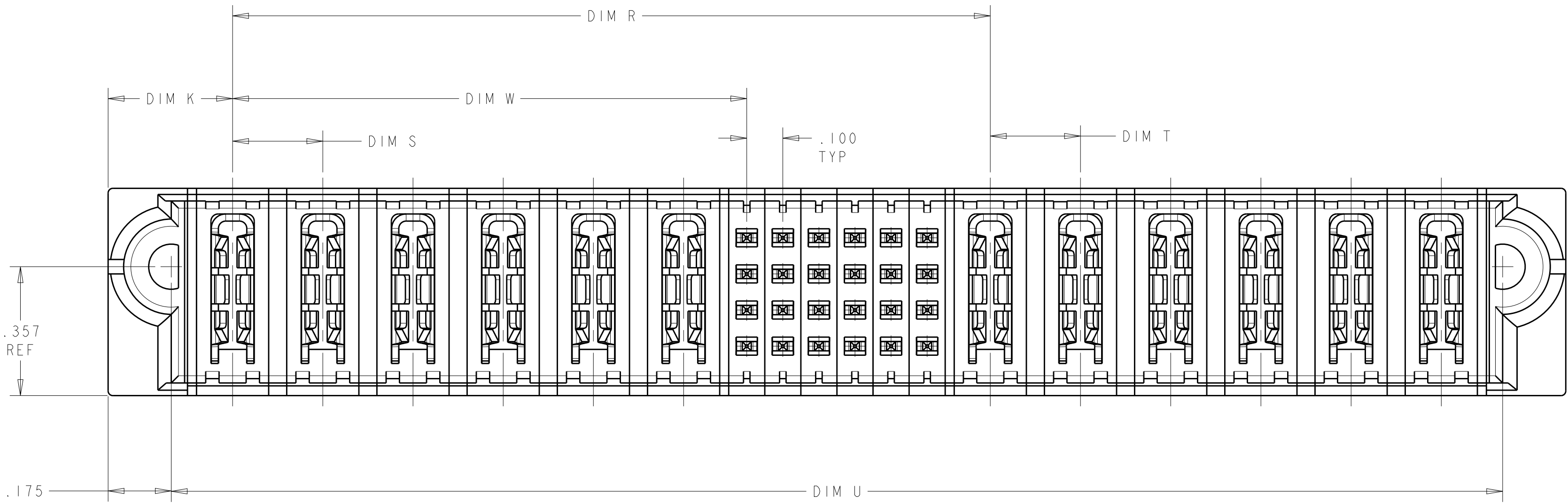
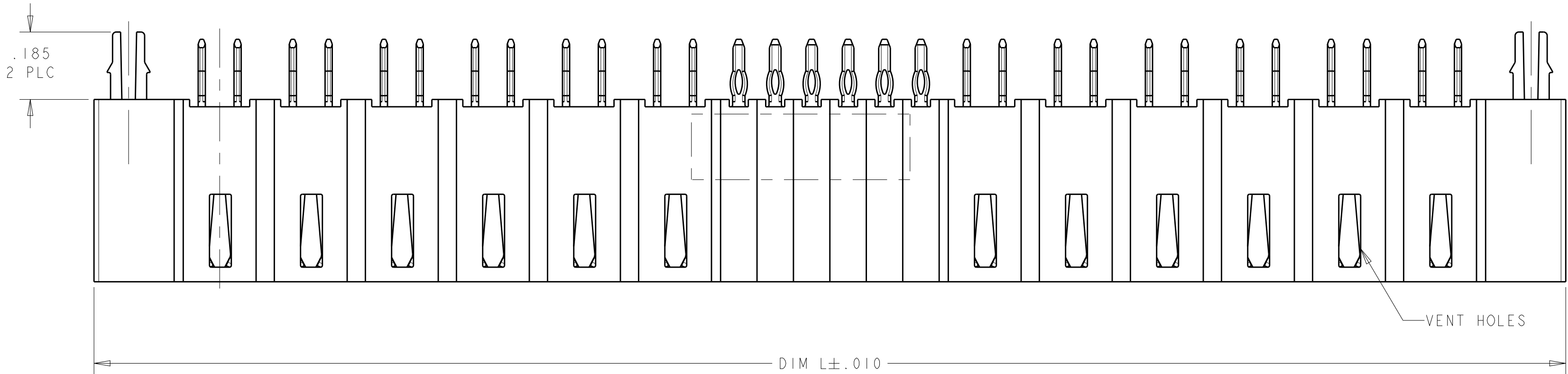
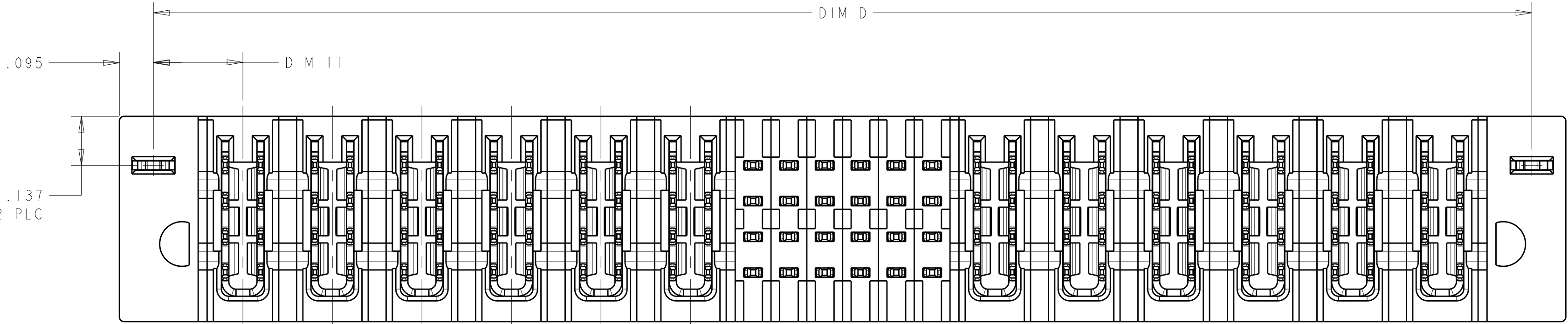
OF  
20

REV  
G8

TE Connectivity



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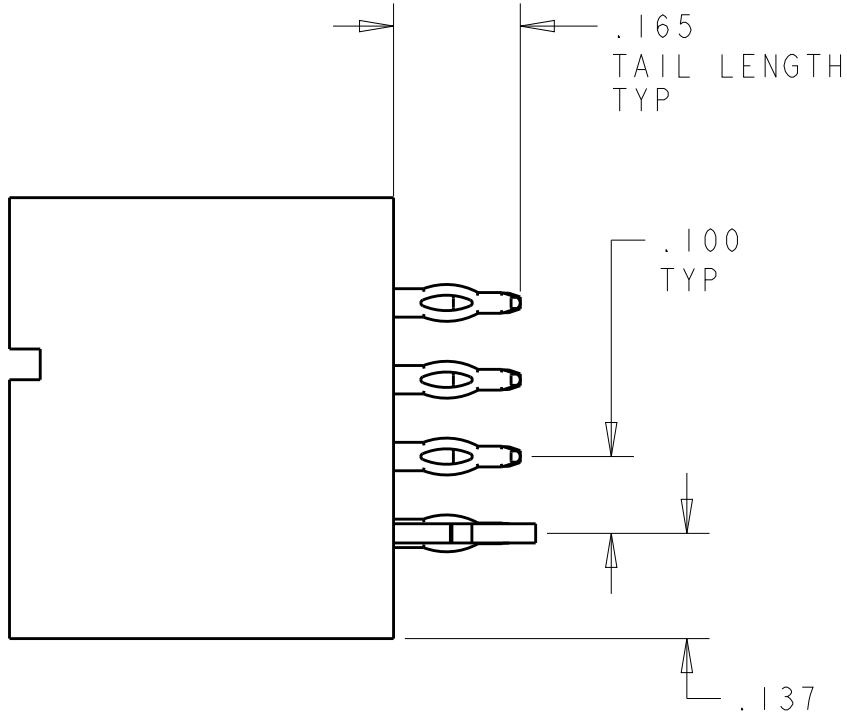
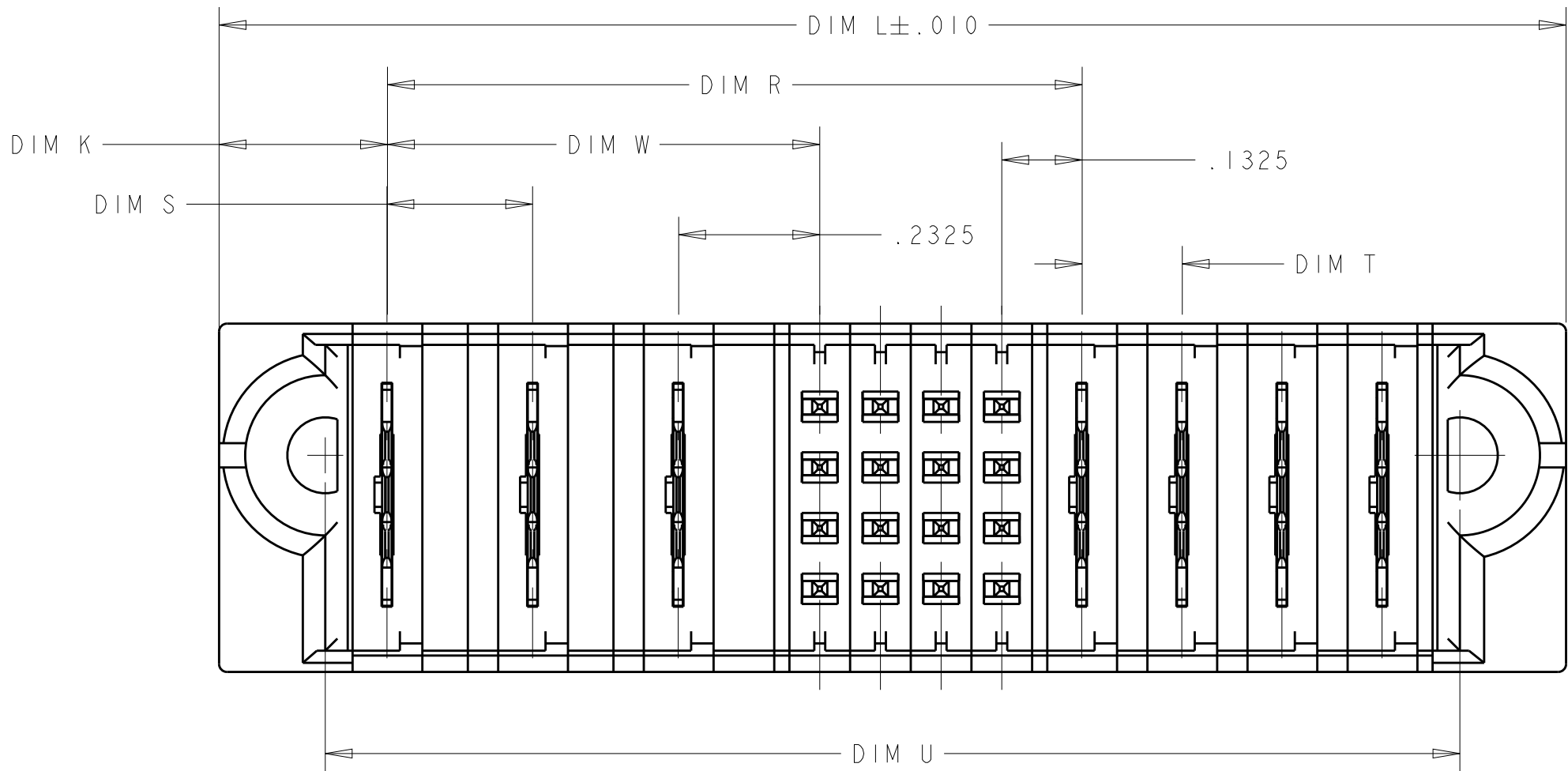
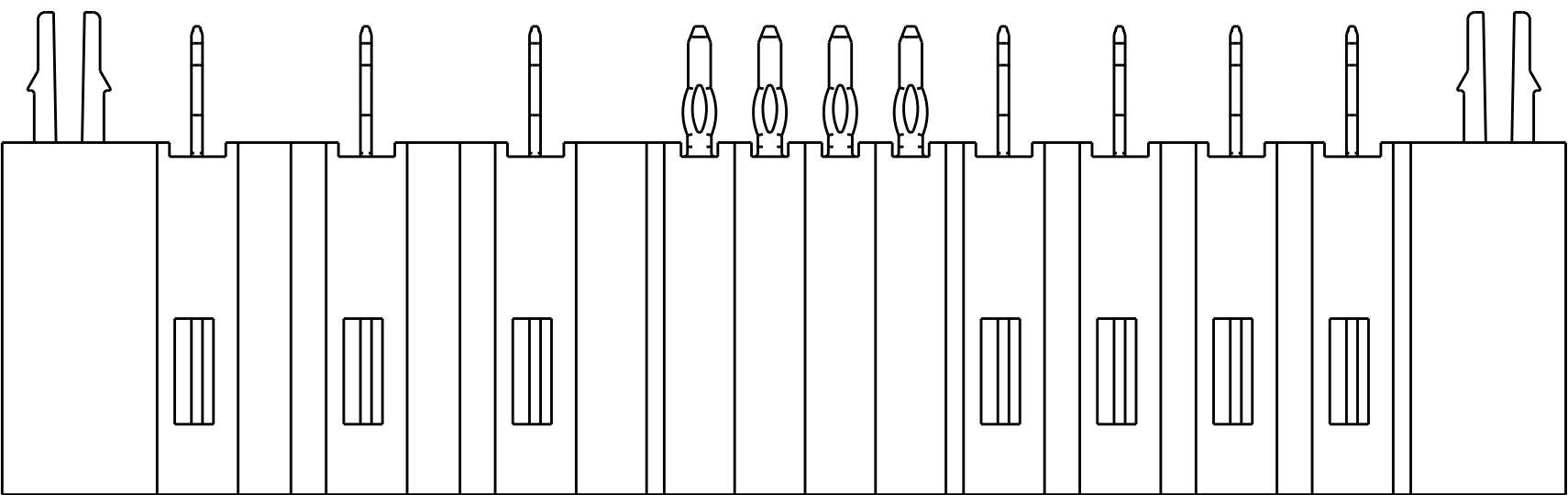
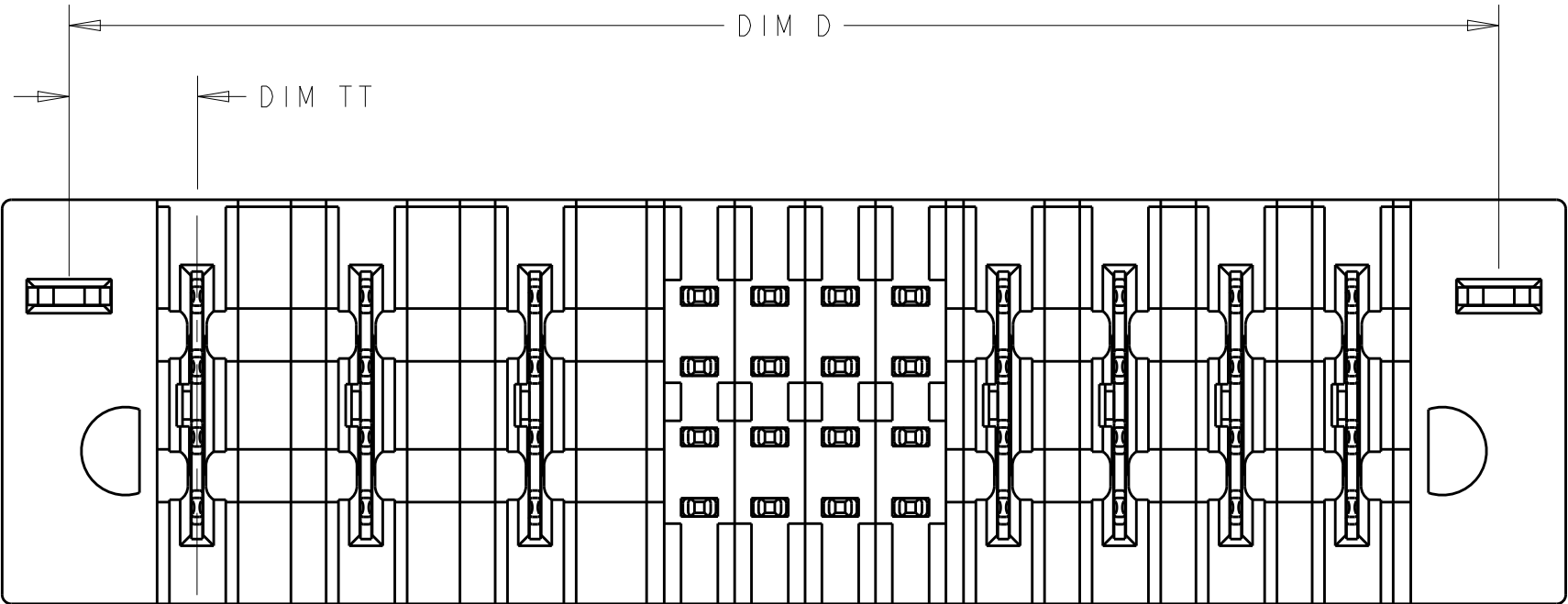


9 FOR THE CONFIGURATION WITH VENT  
PART NO. 1-6450820-1

|                                        |  |                                           |           |                                                                                       |  |
|----------------------------------------|--|-------------------------------------------|-----------|---------------------------------------------------------------------------------------|--|
| 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 ±.0020                              |           | 114-13251                                                                             |  |
|                                        |  | ANGLES ±2°                                |           | WEIGHT                                                                                |  |
| MATERIAL                               |  | FINISH                                    |           | Customer Drawing                                                                      |  |
|                                        |  |                                           |           | 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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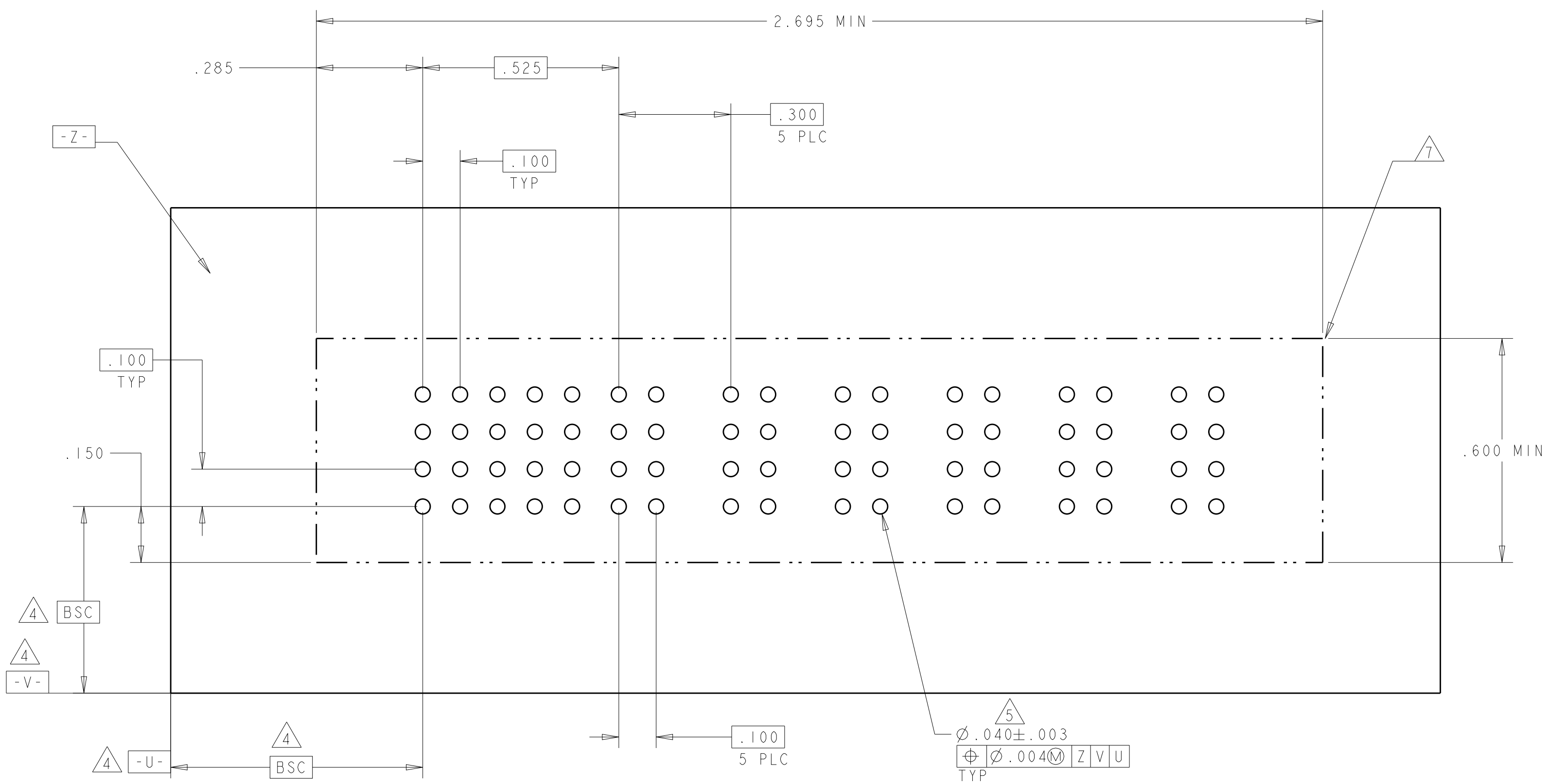
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| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>D. ZHU                                                                                 | 15NOV2007 | TE Connectivity  |  |
|                                        |  | CHK<br>S. ZHAO                                                                                | 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           |  |







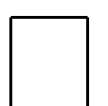
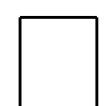
| PART NUMBER | ROWS |                                                                                     | SIGNAL |    |    |    |    | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------|------|-------------------------------------------------------------------------------------|--------|----|----|----|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|             |      |                                                                                     | 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 |    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|             | EV   |                                                                                     | EV     | EV | EV | EV |    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|             | ES   |                                                                                     | EV     | EV | EV | EV |    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 20S + 6ACP  |      |                                                                                     |        |    |    |    |    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

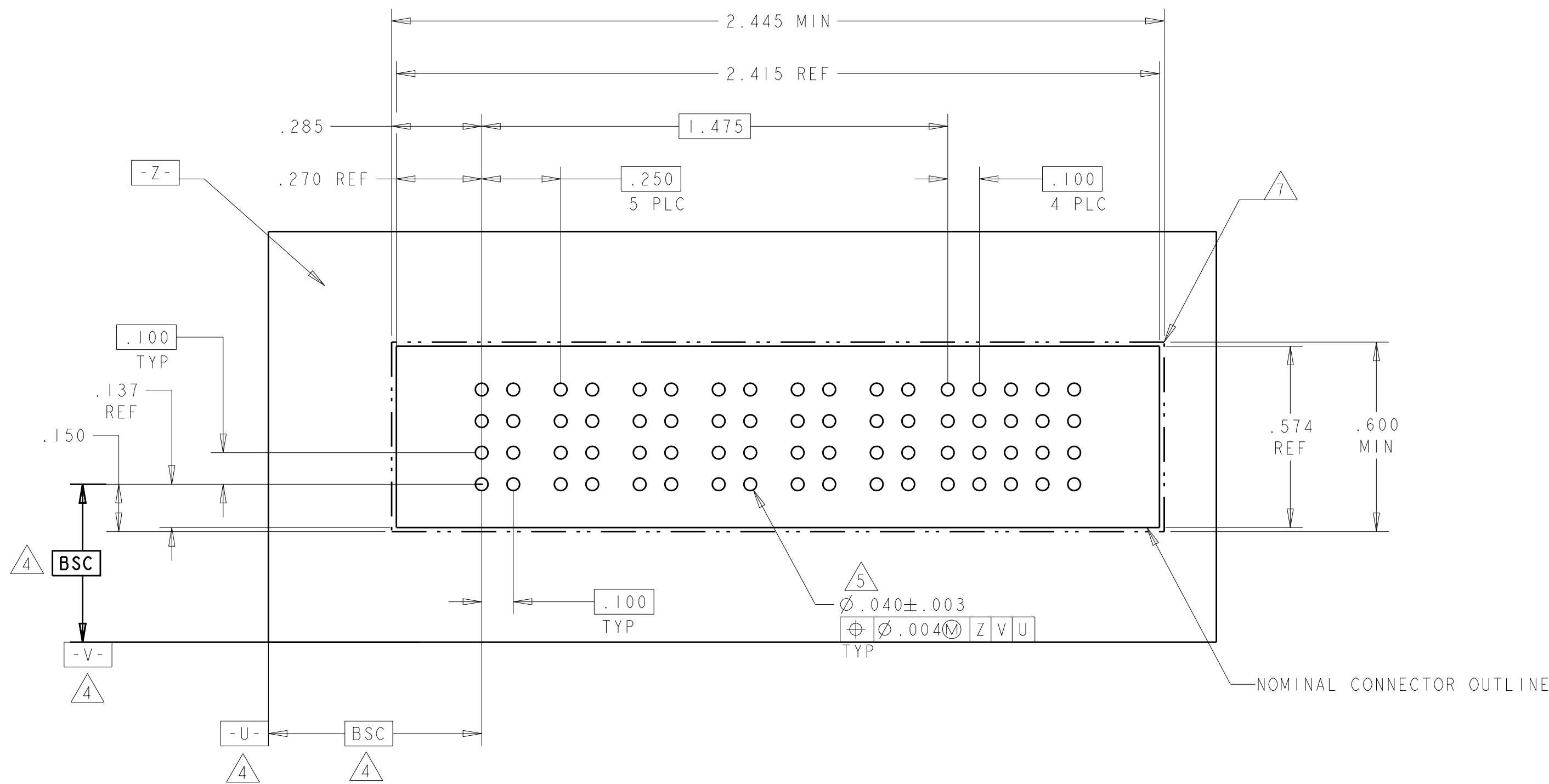


|             |                   |       |      |
|-------------|-------------------|-------|------|
| .165"       | LOW POWER CONTACT | MFBLL | LZF  |
| .165"       | LOW POWER CONTACT |       | LZ   |
| .165"       | SIGNAL CONTACT    | MFBLL | EF   |
| -           | HOLD DOWN         |       | HD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

4805 (3/11)

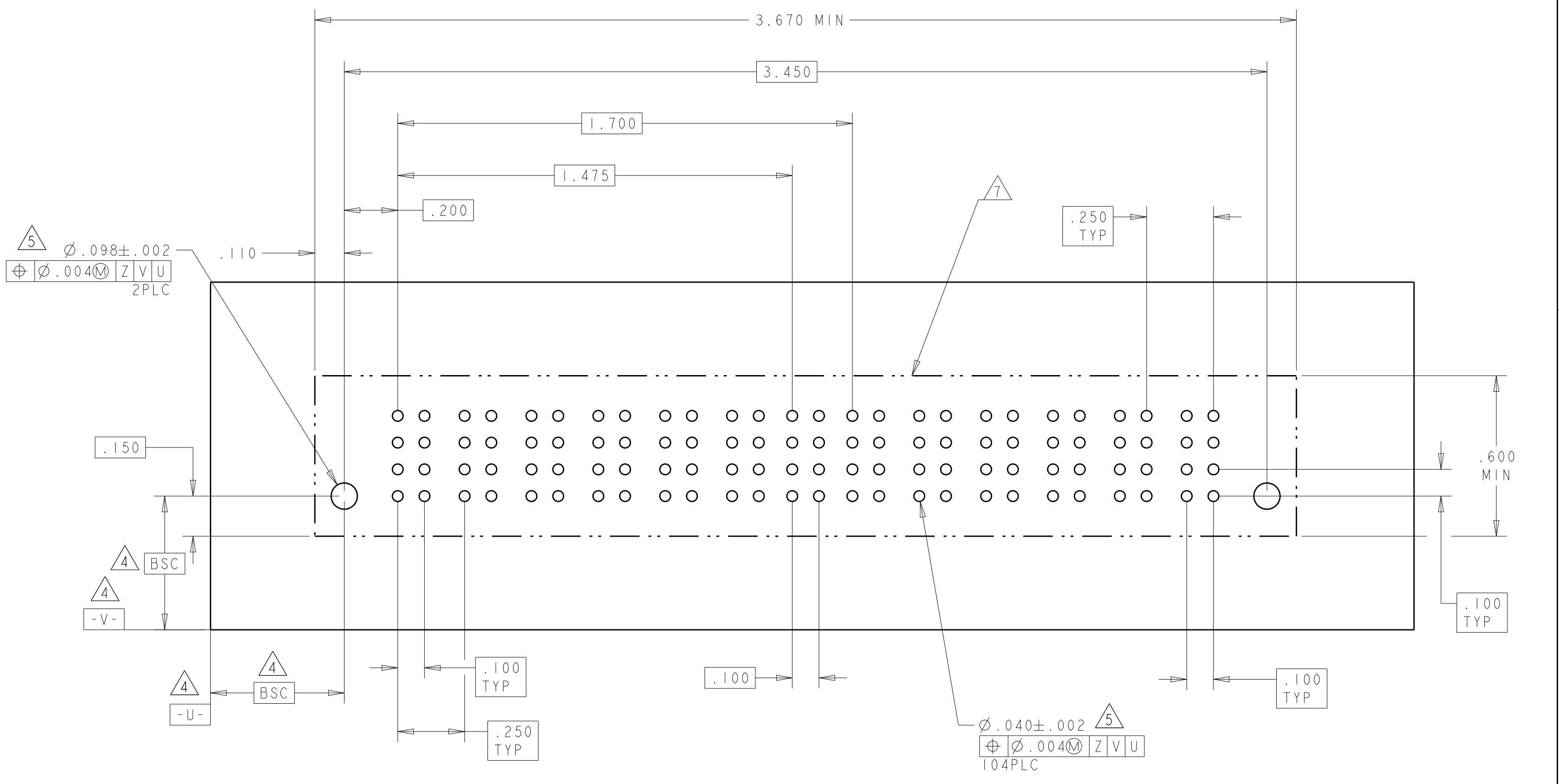


| PART NUMBER | ROWS             |                                                                                     | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 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)



D

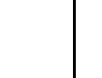
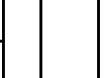
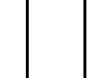
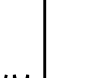
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8

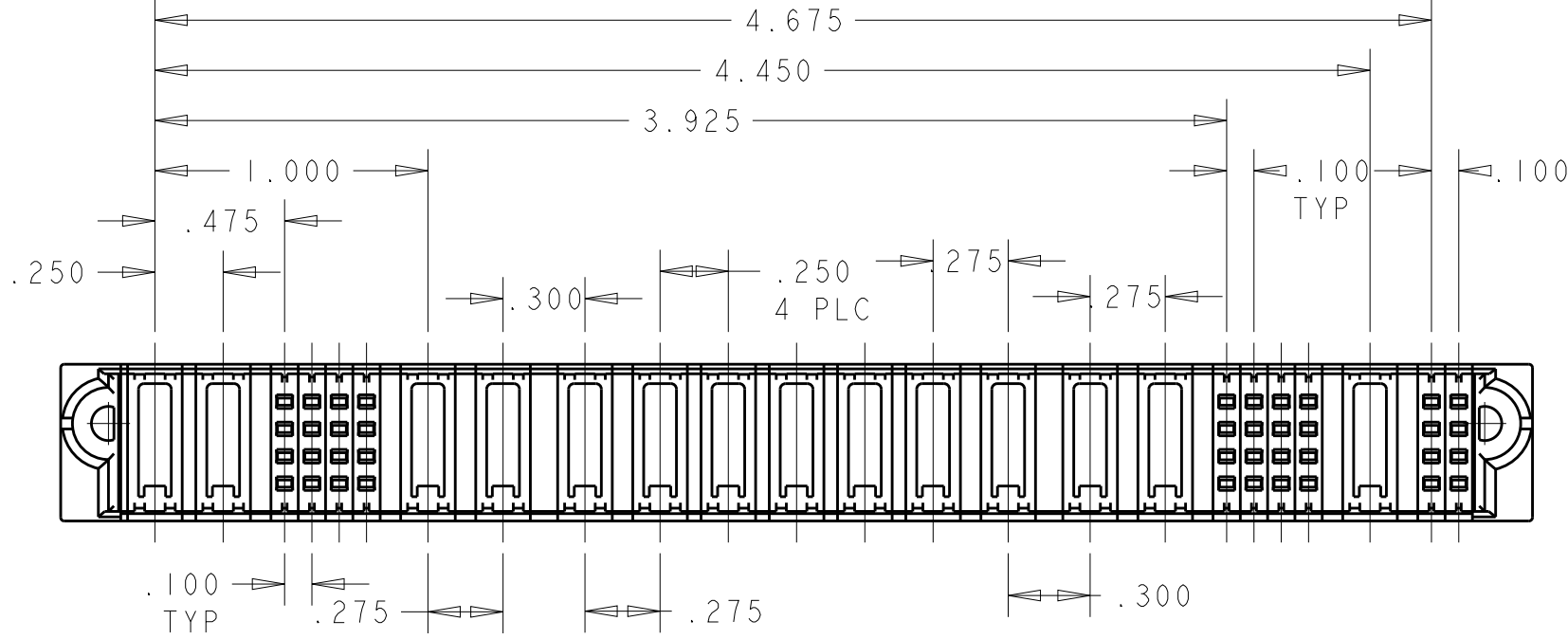
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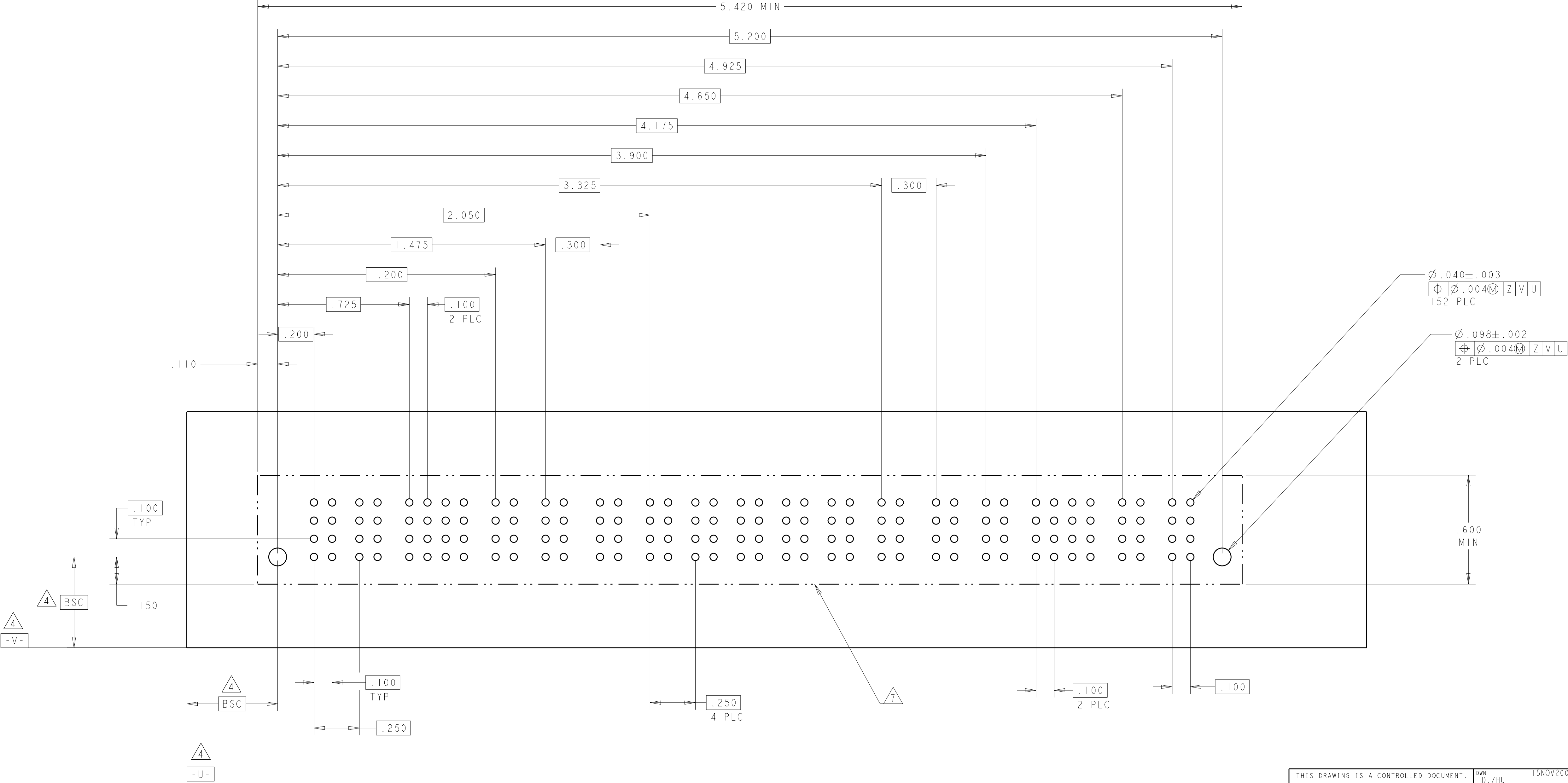
| LOC | DIST | REVISIONS |     |             |      |     |      |
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| ES  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      | -         |     | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |             |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

| 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



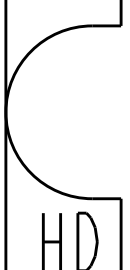
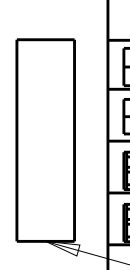
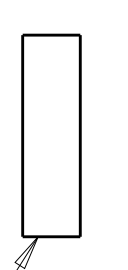
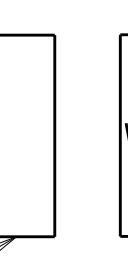
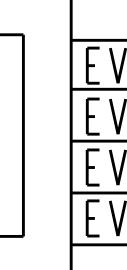
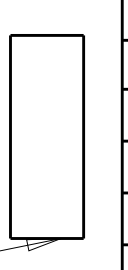
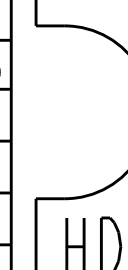
SCALE 3:2  
6450820-6



|                                        |  |                                                                                               |           |                                                                                 |  |
|----------------------------------------|--|-----------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>D. ZHU                                                                                 | 15NOV2007 | TE Connectivity                                                                 |  |
| DIMENSIONS:<br>INCHES                  |  | CHK<br>S. ZHAO                                                                                | 15NOV2007 |                                                                                 |  |
|                                        |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                        |           | NAME<br>VERTICAL HEADER ASSEMBLY W/ SHORT END MODULES, PRESS FIT MULTI-BEAM XLE |  |
|                                        |  | 0 PLC ±.01<br>1 PLC ±.01<br>2 PLC ±.01<br>3 PLC ±.005<br>4 PLC ±.002<br>ANGLES ±.2°<br>FINISH |           | PRODUCT SPEC<br>108-2292<br>APPLICATION SPEC<br>114-13251                       |  |
| MATERIAL                               |  | WEIGHT                                                                                        |           | SIZE<br>A100779                                                                 |  |
|                                        |  | Customer Drawing                                                                              |           | RESTRICTED TO<br>G8                                                             |  |

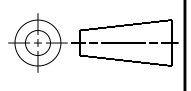


| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| ES  | 00   | -         | -   | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |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

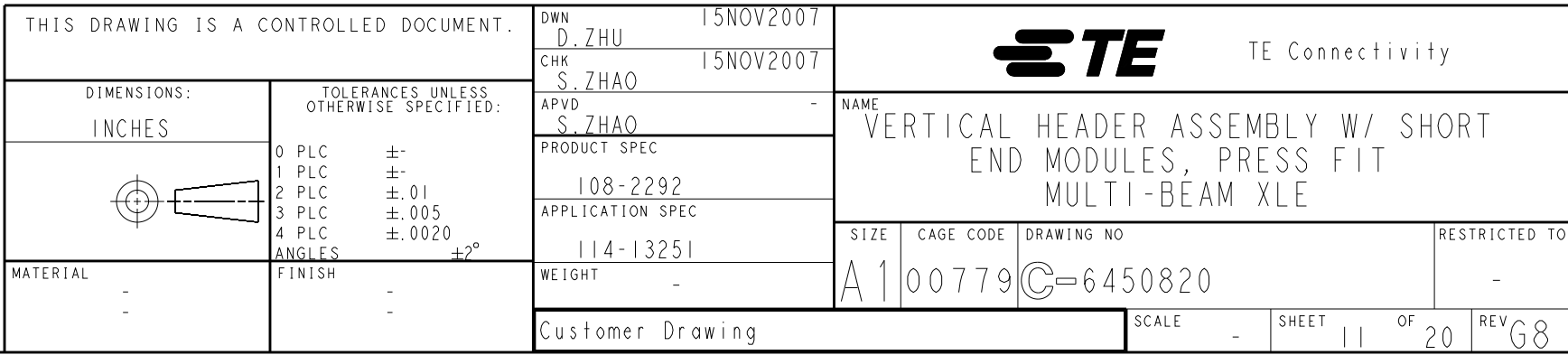
| PART NUMBER | ROWS             |                                                                                   | POWER                               |                                                                                   | SIGNAL |    |    |    | POWER                                                                               |    |    |                                                                                     |    |                                                                                     |    |                                                                                     |     |     |                                                                                     |    |    | 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 | EV | EF |    |    |    |    |    |    |    |    |    |    |    |    |
|             |                  |                                                                                   |                                     |                                                                                   | EF     | 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    |                                                                                     | EV | EV | EV | 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<br>D. ZHU                          | 15NOV2007 |  TE Connectivity |  |
|                                                                                       |  | CHK<br>S. ZHAO                         | 15NOV2007 |                                                                                                       |  |
| DIMENSIONS:<br>INCHES                                                                 |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |           | NAME                                                                                                  |  |
|  |  | 0 PLC                                  | ±"        | PRODUCT SPEC                                                                                          |  |
|                                                                                       |  | 1 PLC                                  | ±.01      | 108-2292                                                                                              |  |
|                                                                                       |  | 2 PLC                                  | ±.01      | APPLICATION SPEC                                                                                      |  |
|                                                                                       |  | 3 PLC                                  | ±.005     | 114-13251                                                                                             |  |
| MATERIAL                                                                              |  | 4 PLC                                  | ±.0020    | WEIGHT                                                                                                |  |
|                                                                                       |  | ANGLES                                 | ±2°       | Customer Drawing                                                                                      |  |
|                                                                                       |  | FINISH                                 | -         | SCALE                                                                                                 |  |
|                                                                                       |  |                                        | -         | SHEET 10 OF 20                                                                                        |  |
|                                                                                       |  |                                        |           | REV G8                                                                                                |  |







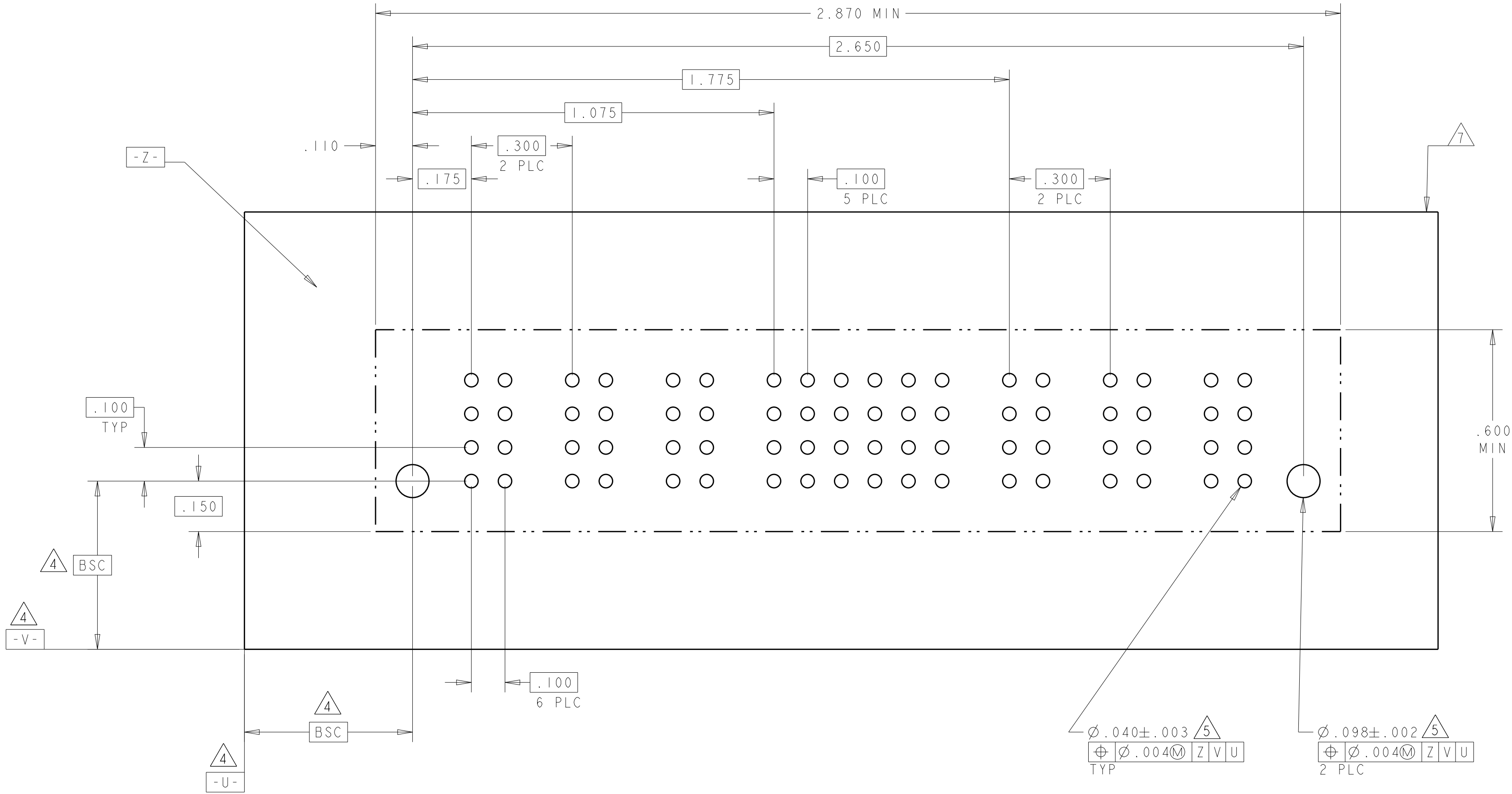
Technical drawing of a rectangular plate with a grid of holes. The drawing includes dimensions for overall size (4.070 MIN x .600 MIN), hole spacing (2.300, 1.675, .200, .250 TYP), and hole diameter (Ø.040 ± .003). It also shows feature control frames for BSC (Burr Free) and PLCC (Plastic Lead Ceramic Carrier) with various tolerances and material specifications.

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

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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  
A100779

CAGE CODE  
C=6450820

DRAWING NO  
114-13251

RESTRICTED TO  
-

SCALE  
-

SHEET  
13

OF  
20

REV  
G8

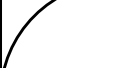
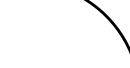
TE Connectivity

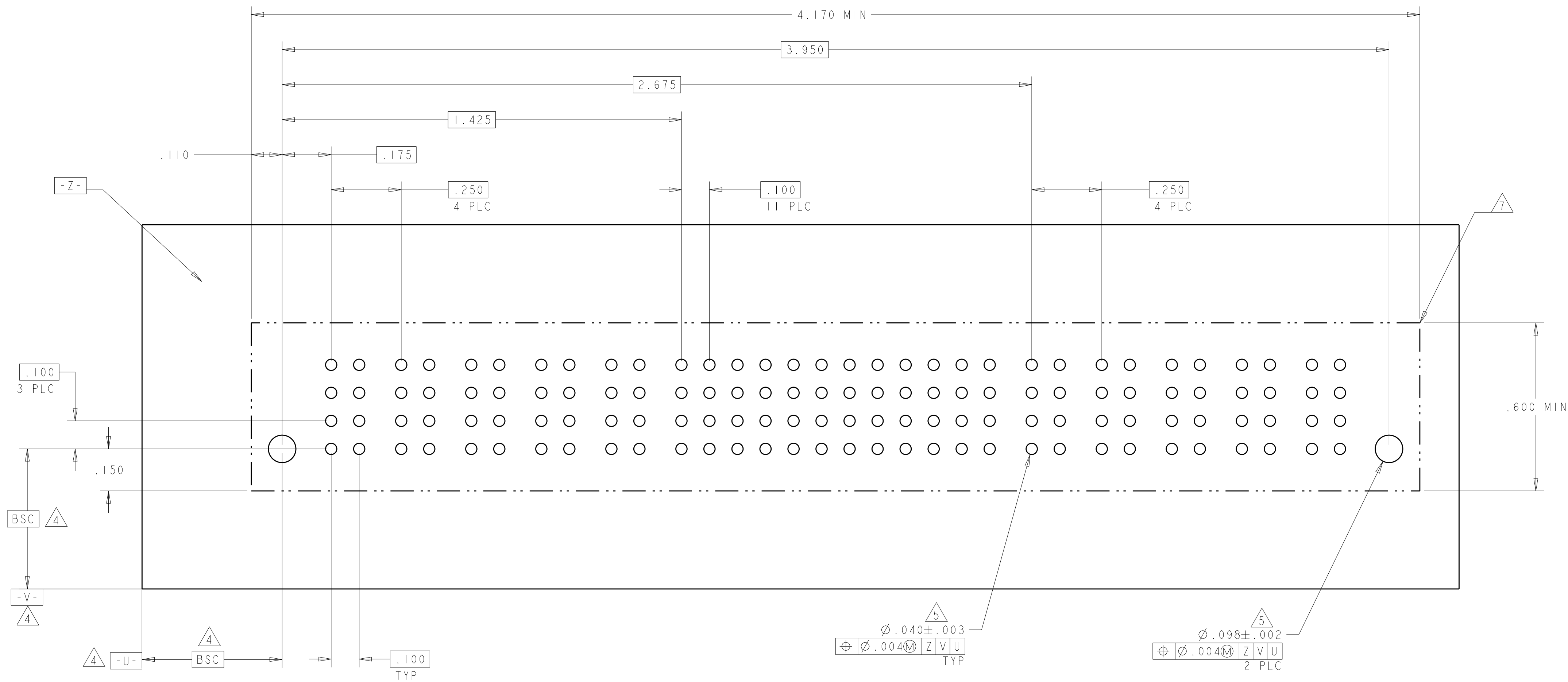
TE



[illegible]4805 (3/11)



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



|                                                                                    |  |                                        |  |                                                                               |                       |
|------------------------------------------------------------------------------------|--|----------------------------------------|--|-------------------------------------------------------------------------------|-----------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                             |  | DWN<br>D_ZHU<br>15NOV2007              |  | TE Connectivity                                                               |                       |
| DIMENSIONS:<br>INCHES                                                              |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | NAME                                                                          |                       |
|                                                                                    |  | S_ZHAO<br>APVD<br>S_ZHAO               |  | VERTICAL HEADER ASSEMBLY W/ SHORT<br>END MODULES, PRESS FIT<br>MULTI-BEAM XLE |                       |
|                                                                                    |  | PRODUCT SPEC                           |  | SIZE                                                                          |                       |
|                                                                                    |  | 108-2292                               |  | CAGE CODE                                                                     |                       |
|                                                                                    |  | APPLICATION SPEC                       |  | DRAWING NO                                                                    |                       |
| 0 PLC ±.<br>1 PLC ±.<br>2 PLC ±.01<br>3 PLC ±.005<br>4 PLC ±.0020<br>ANGLES $\neq$ |  | 114-13251                              |  | RESTRICTED TO                                                                 |                       |
| MATERIAL                                                                           |  | FINISH                                 |  | WEIGHT                                                                        |                       |
| -                                                                                  |  | -                                      |  | A100779 ©6450820                                                              |                       |
| Customer Drawing                                                                   |  |                                        |  | SCALE                                                                         | SHEET 15 of 20 REV G8 |

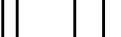
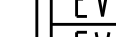
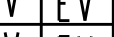
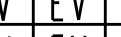


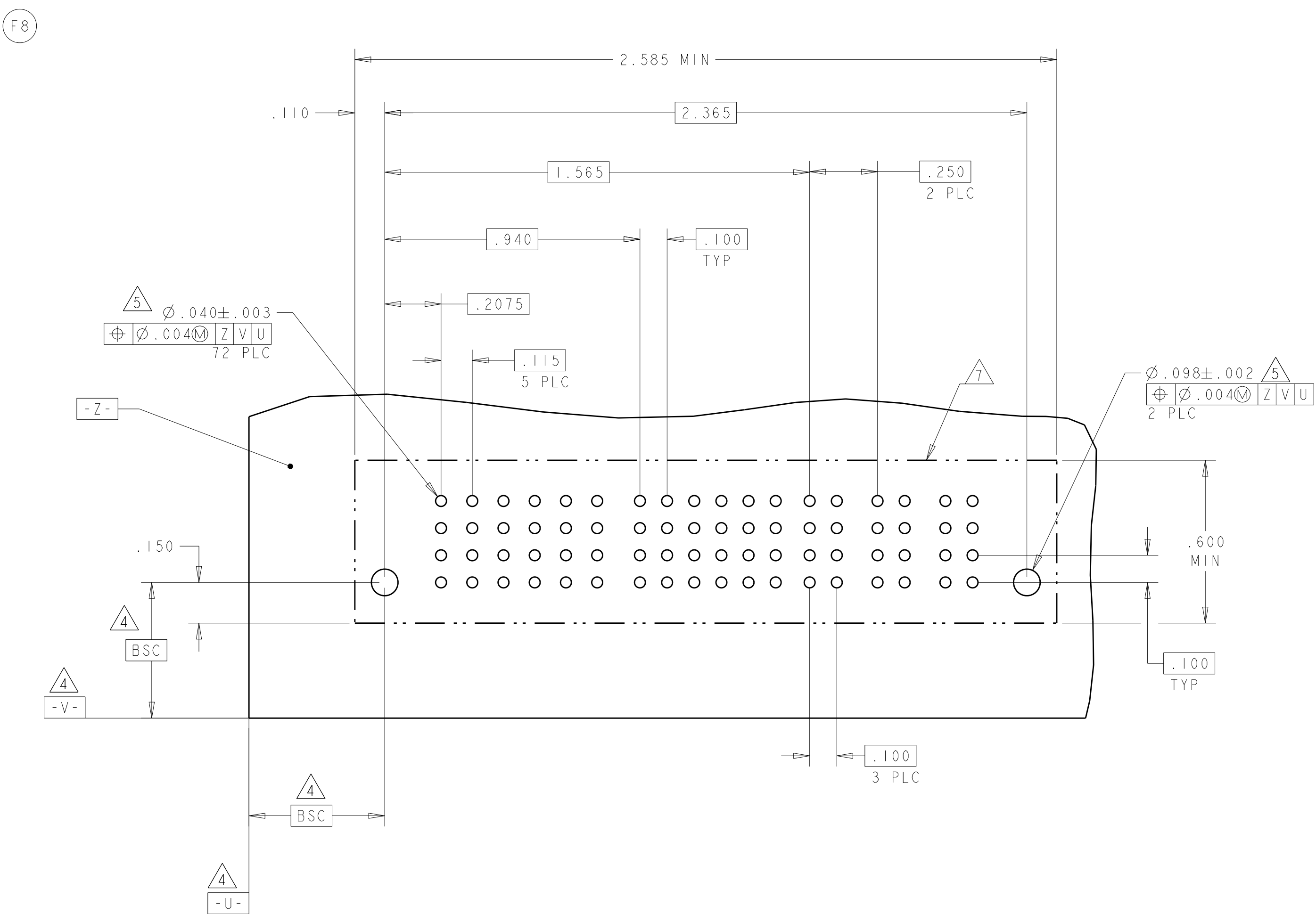
Technical drawing of a rectangular plate with dimensions and features. The overall width is 3.570 MIN. The overall height is .600 MIN. The drawing includes a grid of 20 columns and 4 rows of holes. Key dimensions and features include:

- Overall width: 3.570 MIN
- Overall height: .600 MIN
- Grid of 20 columns and 4 rows of holes.
- Dimensions for hole positions: 1.425, 2.050, 3.350, .110, .200, .250, .100, .250, .100.
- Labels: 4 PLC, TYP, 3 PLC, BSC, -V-, -U-, -Z-.
- Surface finish symbols: 4, 5, 7.
- Surface finish specifications: .040 ± .003, .098 ± .002.
- Surface finish materials: Z|V|U, Z|V|U.
- Surface finish quantities: 2 PLC.

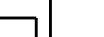
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| PART NUMBER    | ROWS             |                                                                                     | LOW POWER                                                                           |                                      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

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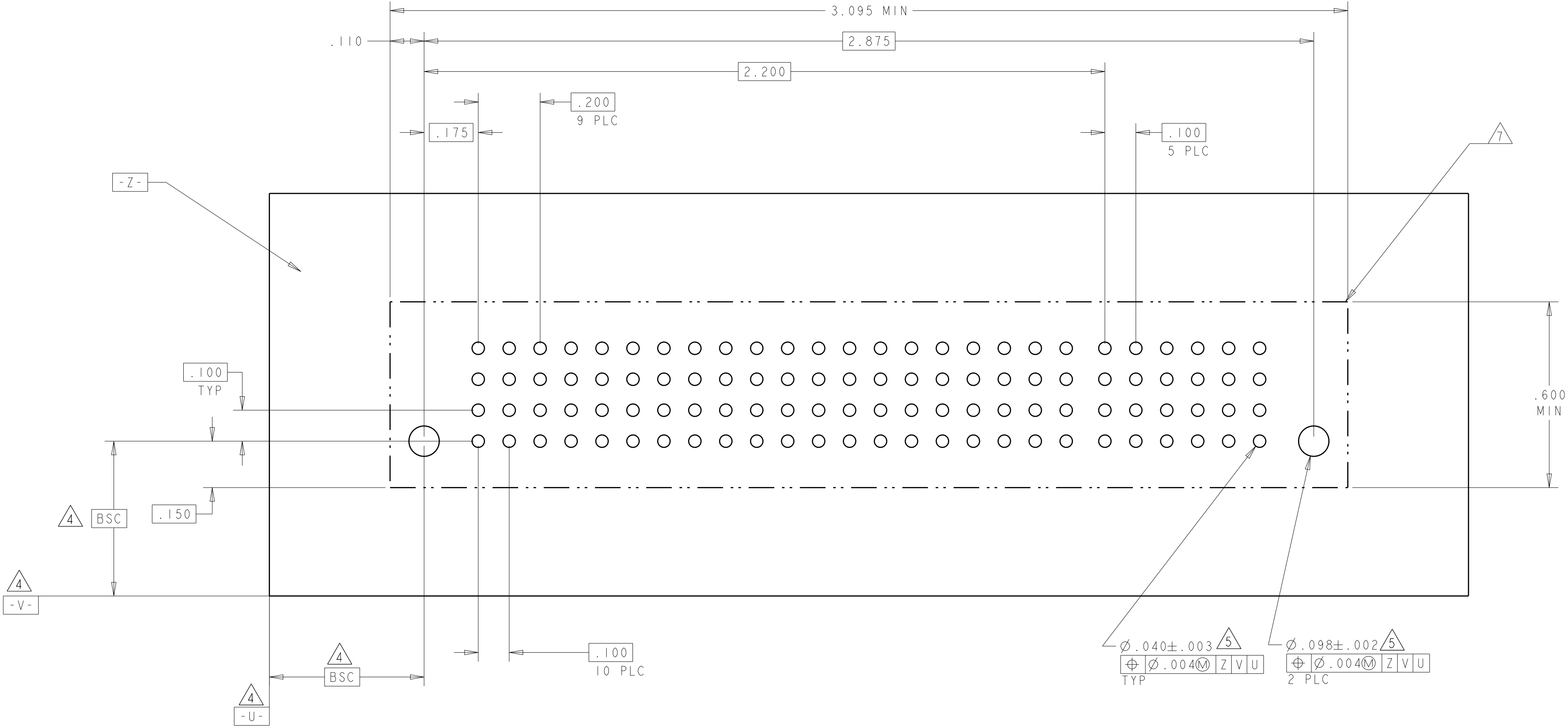
| PART NUMBER   | ROWS             |  | POWER |    |    |    |    |    |    |    | SIGNAL |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | POWER |     |     |     |     |     |     |     |  |    |    |    |    |    |    |    |    |
|---------------|------------------|-------------------------------------------------------------------------------------|-------|----|----|----|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----|-----|-----|-----|-----|-----|-----|-------------------------------------------------------------------------------------|----|----|----|----|----|----|----|----|
|               |                  |                                                                                     | 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 |  | VM    | VM | VM | 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 | 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 |                  |                                                                                     |       |    |    |    |    |    |    |    |        |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |     |     |     |     |     |     |     |                                                                                     |    |    |    |    |    |    |    |    |

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

| PART NUMBER | ROWS |                                                                      | POWER         |               |               |               |               |               |               |               |               |               | SIGNAL        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |            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 |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |       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|               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |  |
|-------------|------|----------------------------------------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------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|             |      |                                                                      | P1            | P2            | P3            | P4            | P5            | P6            | P7            | P8            | P9            | P10           | 1             | 2             | 3             | 4             | 5             | 6             |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |            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        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               |  |
| 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>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>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>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>VM</div> | <div>VM</div> | <div>VM</div> | <div>VM</div> | 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DWN: D. ZHU  
CHK: S. ZHAO  
APVD: S. ZHAO

DATE: 15NOV2007

DIMENSIONS:  
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
0 PLC ±.  
1 PLC ±.  
2 PLC ±.01  
3 PLC ±.005  
4 PLC ±.0020  
ANGLES ±2°  
FINISH

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  
00779

DRAWING NO  
6450820

RESTRICTED TO

SCALE

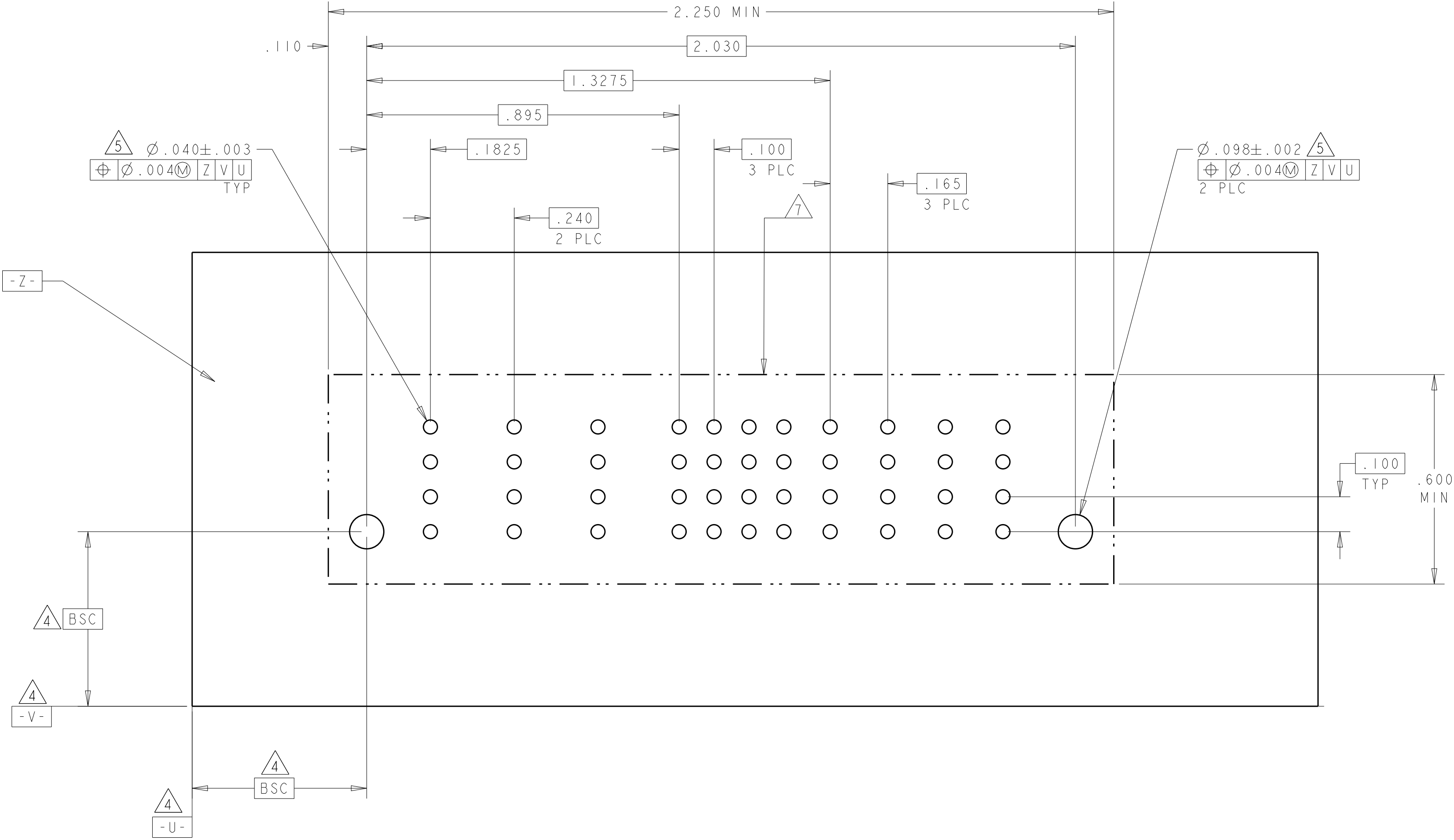
SHEET 19 OF 20

REV G8



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

| PART NUMBER     | ROWS |                                                                                   | POWER                                                                             |                                                                                   |                                                                                   | SIGNAL |    |    |   | POWER                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-----------------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------|----|----|---|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                 |      |                                                                                   | LP1                                                                               | LP2                                                                               | LP3                                                                               | 1      | 2  | 3  | 4 | LP4                                                                                | LP5                                                                                 | LP6                                                                                 | LP7                                                                                 |                                                                                     |
| 2-6450820-5     | D    |  |  |  |  |        |    |    |   |  |  |  |  |  |
|                 | EV   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | EV     | EV | ES |   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                 | EV   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | EV     | EV | EV |   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                 | EV   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | EV     | EV | EV |   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                 | EV   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | EV     | EV | EV |   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 3LP + 16S + 4LP |      |                                                                                   |                                                                                   |                                                                                   |                                                                                   |        |    |    |   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |



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6450820

RESTRICTED TO  
-

Customer Drawing

SCALE  
-

SHEET  
20

OF  
20

REV  
G8

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