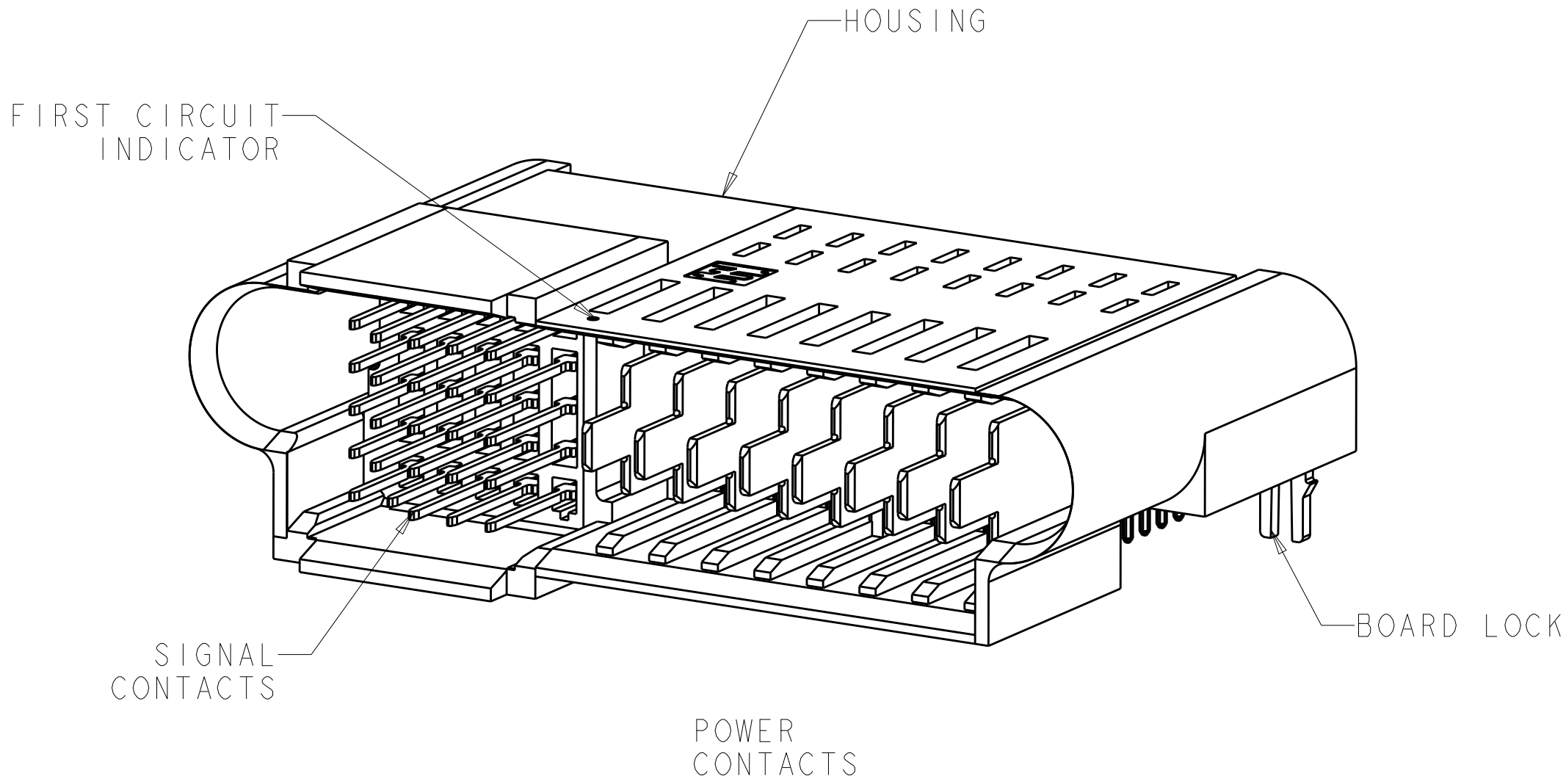
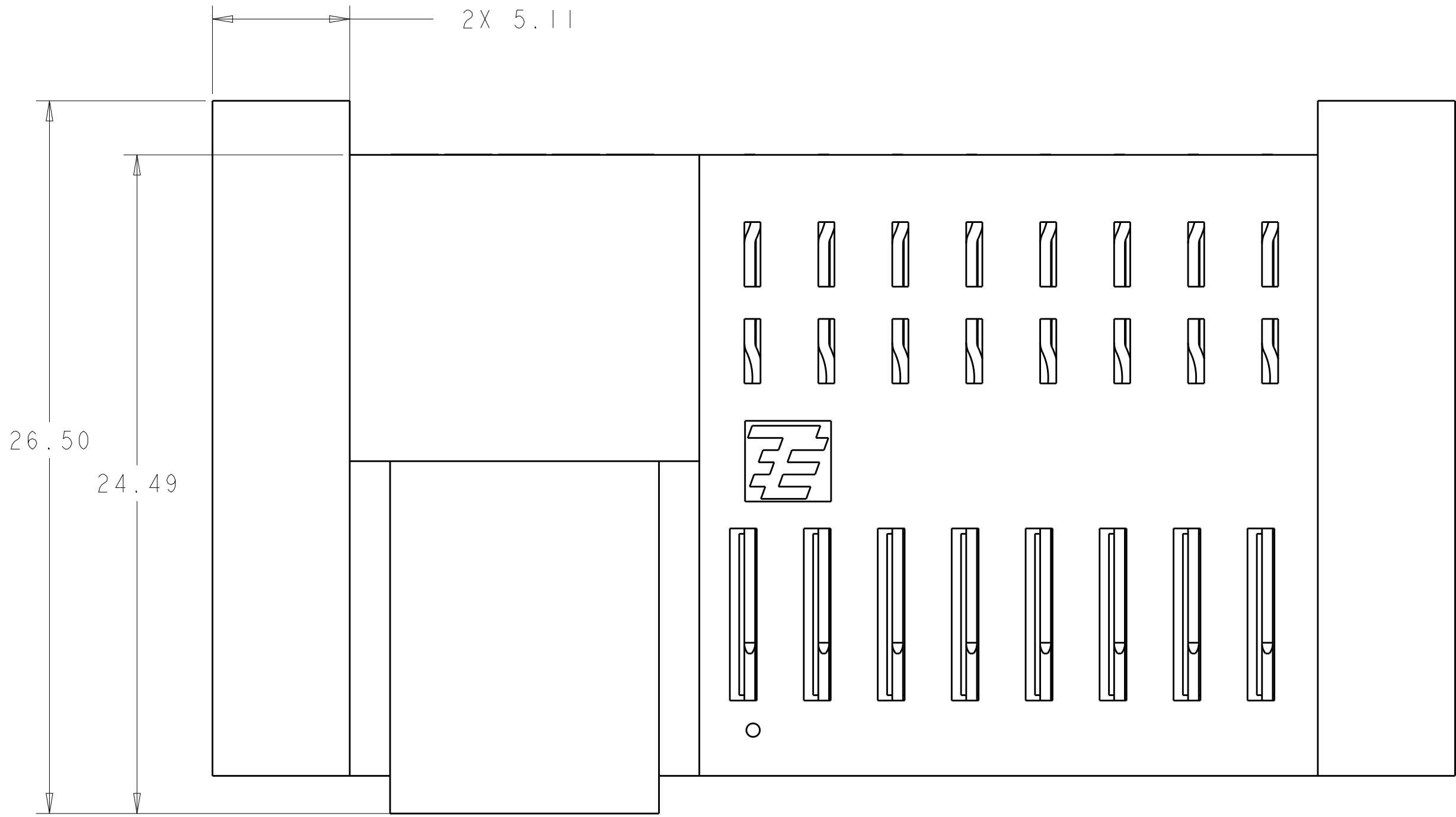
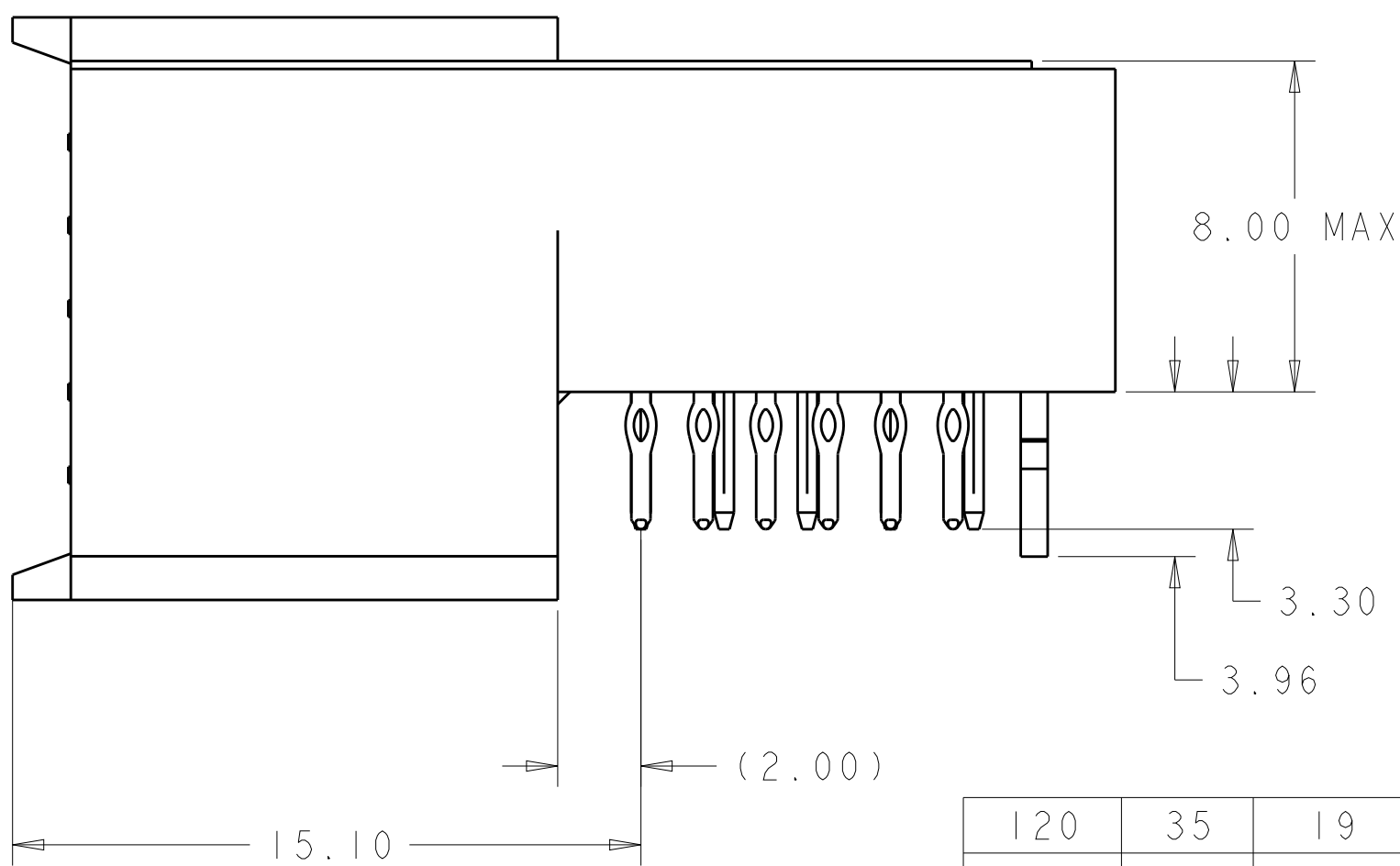
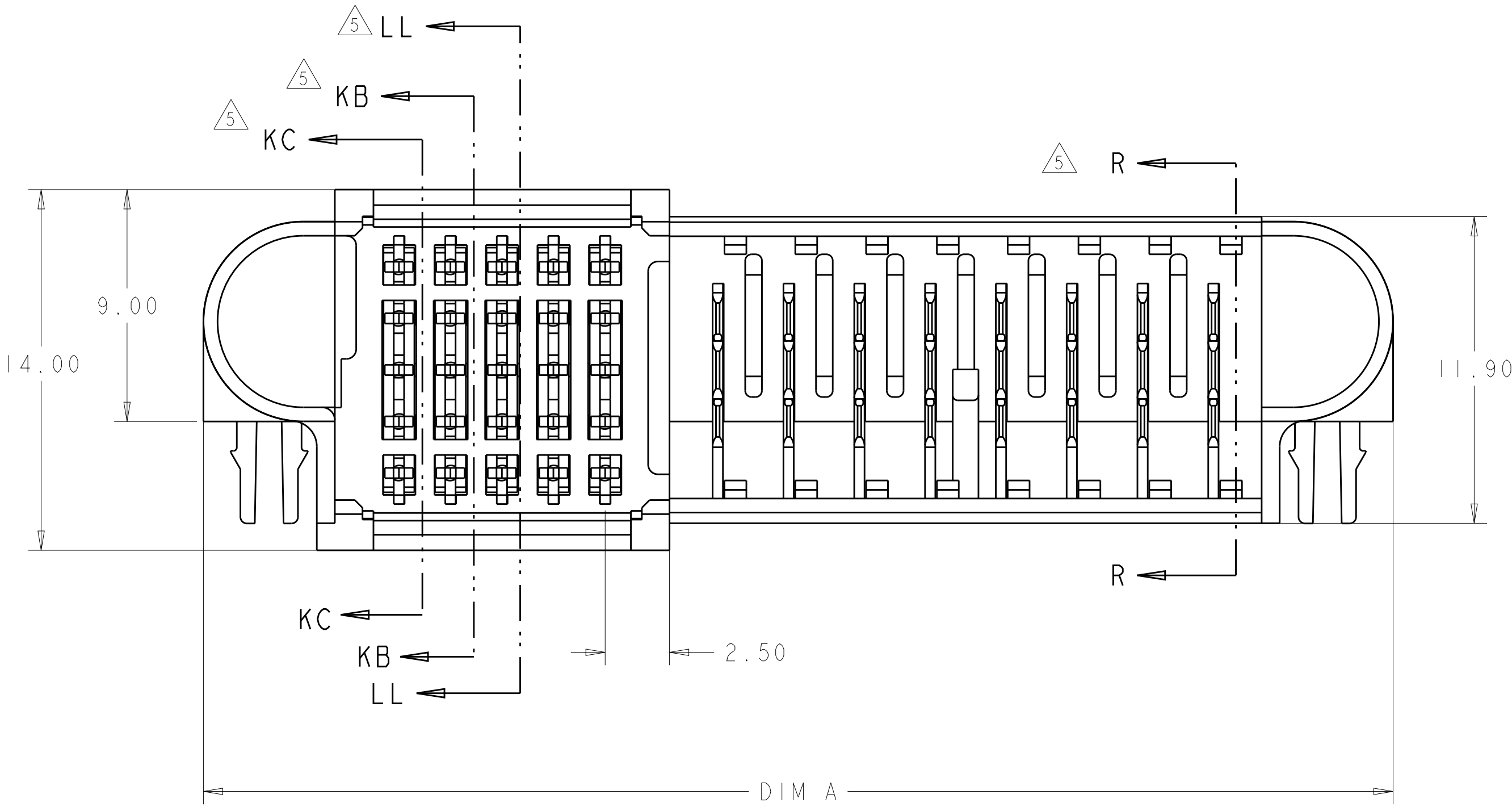


| LOC |  | DIST |  | REVISIONS |     |                 |           |     |      |
|-----|--|------|--|-----------|-----|-----------------|-----------|-----|------|
| GP  |  | 00   |  | P         | LTR | DESCRIPTION     | DATE      | DWN | APVD |
|     |  |      |  |           | F7  | ADD NEW PART -5 | 18NOV2013 | OL  | SZ   |
|     |  |      |  |           |     |                 |           |     |      |
|     |  |      |  |           |     |                 |           |     |      |
|     |  |      |  |           |     |                 |           |     |      |



ISOMETRIC FRONT VIEW



|          |          |            |            |         |         |                  |             |
|----------|----------|------------|------------|---------|---------|------------------|-------------|
| 120      | 35       | 19         | 6          | 78.10   | 83.21   | 35S X 20P        | 1926734-5   |
| 60       | 25       | 9          | 4          | 46.60   | 51.71   | 25S X 10P        | 1926734-4   |
| 108      | 35       | 17         | 6          | 72.60   | 77.71   | 35S X 18P        | 1926734-3   |
| 60       | 25       | 9          | 4          | 46.60   | 51.71   | 25S X 10P        | 1926734-2   |
| 48       | 25       | 7          | 4          | 41.10   | 46.21   | 25S X 8P         | 1926734-1   |
| "F" QTY. | "E" QTY. | "D" SPACES | "C" SPACES | DIM "B" | DIM "A" | NO. OF POSITIONS | PART NUMBER |

|                                        |  |  |  |                  |           |                 |  |
|----------------------------------------|--|--|--|------------------|-----------|-----------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  |  |  | DWN              | 03JUN2008 | TE Connectivity |  |
|                                        |  |  |  | CHK              | 06JUN2008 |                 |  |
|                                        |  |  |  | APVD             | 06JUN2008 | NAME            |  |
|                                        |  |  |  | PRODUCT SPEC     |           |                 |  |
|                                        |  |  |  | APPLICATION SPEC |           | SIZE            |  |
|                                        |  |  |  | WEIGHT           |           |                 |  |
|                                        |  |  |  | Customer Drawing |           | SCALE           |  |
|                                        |  |  |  |                  |           | SHEET           |  |
|                                        |  |  |  |                  |           | OF              |  |
|                                        |  |  |  |                  |           | 5               |  |
|                                        |  |  |  |                  |           | REV             |  |
|                                        |  |  |  |                  |           | F7              |  |



- △ HOUSING: GLASS FILLED LIQUID CRYSTAL POLYMER, COLOR: BLACK,  
UL 94V-0 RATED.  
SIGNAL CONTACT: PHOSPHOR BRONZE.  
SIGNAL OVERMOLD: GLASS FILLED POLYESTER.  
POWER CONTACT: COPPER ALLOY.  
BOARDLOCK: PHOSPHOR BRONZE.
- △ 2 SIGNAL CONTACT: 0.00127mm MIN NICKEL ALL OVER,  
MATING AREA: 0.00076mm MIN GOLD OR 0.00008mm MIN GOLD OVER  
0.00076mm MIN PALLADIUM-NICKEL  
TAIL AREA: 0.0005mm MIN MATTE TIN.  
POWER CONTACT: 0.00127mm MIN NICKEL ALL OVER,  
MATING AREA: 0.00076mm MIN GOLD OR  
0.00008mm MIN GOLD OVER 0.00076mm MIN PALLADIUM-NICKEL,  
TAIL AREA: 0.0005mm MIN MATTE TIN.  
BOARDLOCK: 0.00076mm MIN MATTE TIN OVER  
0.00127mm MIN NICKEL.
- 3 CONTACT MATING AREA LUBRICATED WITH BELLCORE APPROVED LUBRICANT,  
TECHNICAL REFERENCE: GR-1217-CORE, ISSUE 1, NOVEMBER 1995.
- 4 CONNECTOR ASSEMBLY MARKED WITH PART NUMBER AND DATE CODE.
- △ 5 CUSTOMER TO SPECIFY LOAD PATTERN, USE WORKSHEET ON SHEET 3,  
FOR EXISTING PART NUMBERS ALREADY LOADED SEE SHEET 4.  
LOAD PATTERNS SHOWN ON SHEETS 1 & 3 ILLUSTRATES CHOICES,  
DOES NOT MATCH ANY DASH PART NUMBERS.
- △ 6 DATUMS AND BASIC DIMENSIONS TO BE ESTABLISHED BY CUSTOMER.
- △ 7 PC BOARD THICKNESS 1.4mm MIN.  
FOR WAVE SOLDER PC BOARD THICKNESS 2.62mm MAX.
- △ 8 FOR WAVE SOLDER: FINISHED HOLE DIAMETER: 0.90+/-0.05mm  
FOR PRESS FIT: DRILL HOLE DIAMETER: 0.70 +/-0.02mm  
FINISHED HOLE DIAMETER: 0.61mm REF  
PAD DIAMETER: 0.90 +/-0.05mm  
Cu PLATING THICKNESS: 0.025-0.050mm  
WITH A SURFACE FINISH AND THICKNESS OF EITHER:  
HASL SnPb: 0.004-0.015mm  
IMMERSION Sn: 0.0005mm MIN.  
OSP: 0.0002-0.0005mm  
IMMERSION Ag: 0.0001mm MIN.  
IMMERSION Au/Ni: 0.0001-0.0005mm Au, 0.004-0.0076mm Ni
- 9 SEE CUSTOMER DRAWING 1926733 FOR MATING RECEPTACLE CONNECTOR.
- △ 10 DIMENSION IS TO FIRST ROW OF PLATED THRU HOLES ON RECEPTACLE PCB.
- △ 11 UNPLATED HOLES
12. THIS CONNECTOR EMPLOYS UL RECOGNIZED Z-PACK 2mm HM CONNECTOR  
AT SIGNALS

|                                                                                       |  |                                        |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN 03JUN2008<br>G. PETERS             |  |  TE Connectivity |  |
|                                                                                       |  | CHN 06JUN2008<br>N. REESER             |  |                                                                                                       |  |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | NAME<br>ASSEMBLY, RIGHT ANGLE, PLUG,<br>SIGNAL/POWER, PASSIVE GUIDE,<br>-                             |  |
| mm                                                                                    |  |                                        |  |                                                                                                       |  |
|  |  | 0 PLC ±.2                              |  | PRODUCT SPEC<br>-<br>APPLICATION SPEC<br>-                                                            |  |
|                                                                                       |  | 1 PLC ±.2                              |  |                                                                                                       |  |
|                                                                                       |  | 2 PLC ±.25                             |  |                                                                                                       |  |
|                                                                                       |  | 3 PLC ±.2                              |  |                                                                                                       |  |
| 4 PLC ±.2                                                                             |  | 4 PLC ±.2                              |  | SIZE CASE CODE DRAWING NO<br>A 100779 C-1926734                                                       |  |
| ANGLES ±.2                                                                            |  |                                        |  |                                                                                                       |  |
| MATERIAL                                                                              |  | FINISH                                 |  | RESTRICTED TO                                                                                         |  |
| -                                                                                     |  | -                                      |  | -                                                                                                     |  |
| Customer Drawing                                                                      |  |                                        |  | SCALE 1:1 SHEET 2 OF 5 REV F7                                                                         |  |

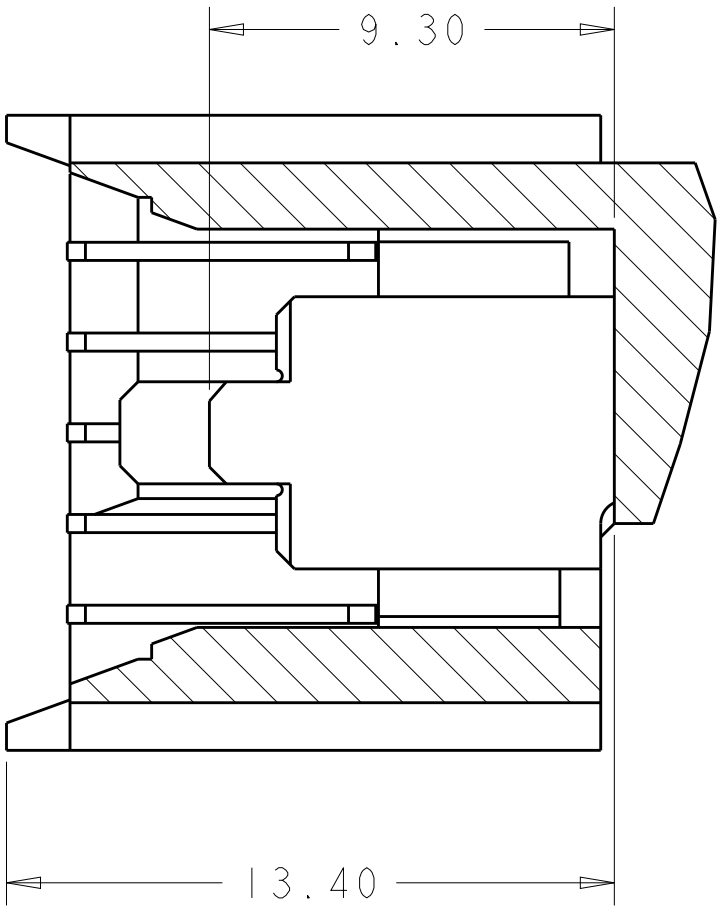
| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| GP  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      | -         | -   | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |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

| CUSTOM LOADING WORKSHEET FOR SIGNAL & POWER SEQUENCING LEVELS |                   |   |   |   |   |   |   |   |         |                  |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------------------------------------------|-------------------|---|---|---|---|---|---|---|---------|------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| MINIPAK HDL - MATING FACE OF PLUG CONNECTOR***                |                   |   |   |   |   |   |   |   |         |                  |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| E                                                             |                   |   |   |   |   |   |   |   | COLUMNS |                  |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| D                                                             |                   |   |   |   |   |   |   |   |         |                  |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| C                                                             |                   |   |   |   |   |   |   |   |         |                  |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| B                                                             |                   |   |   |   |   |   |   |   |         |                  |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| A                                                             |                   |   |   |   |   |   |   |   |         |                  |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ROWS                                                          | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |         | 1                | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|                                                               | SIGNAL CHICKLETS* |   |   |   |   |   |   |   |         | POWER CONTACTS** |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

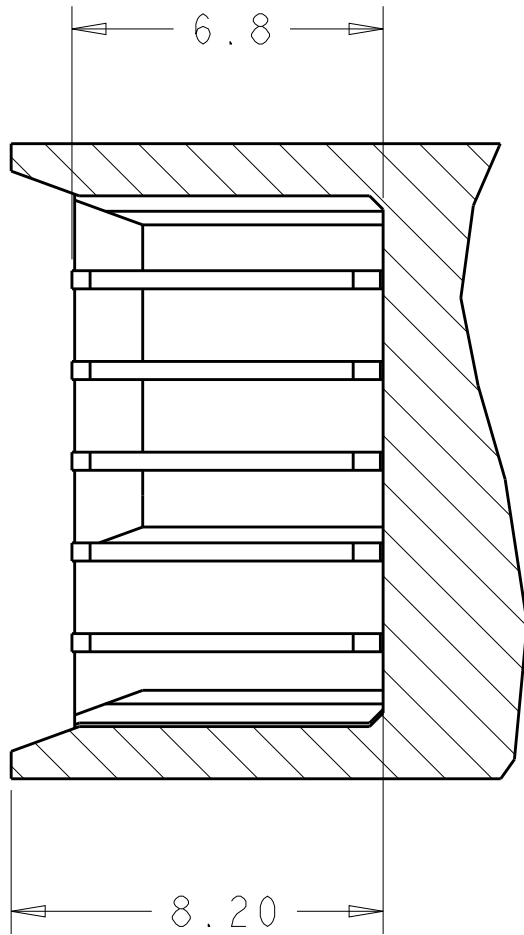
\*LOAD WITH CHOICE OF 3 CHICKLETS  
SEE SECTIONS KA, KB, & KC FOR  
AVAILABLE LENGTH OPTIONS.

\*\* LOAD WITH CHOICE OF 2 POWER  
CONTACT MATING LENGTHS, SEE SEC.  
MM FOR AVAILABLE LENGTH OPTIONS.

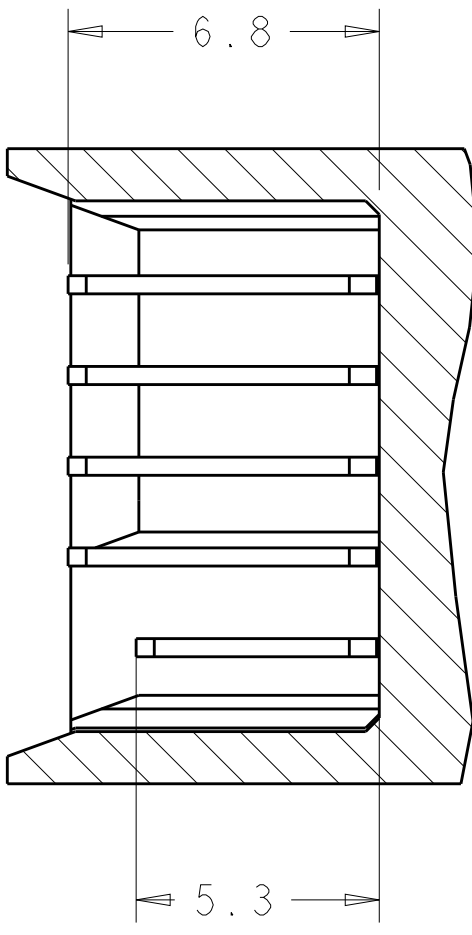
\*\*\*CUSTOM LOADING WORKSHEET SHOWN AT MAXIMUM SIZE CONFIGURABLE (40S X 24P),  
SIGNALS AVAILABLE IN 2,3,4 THRU 8 POSITIONS, POWERS AVAILABLE IN 4,6,8,  
10,THRU 24 POSITIONS IN EVEN QUANTITIES ONLY.



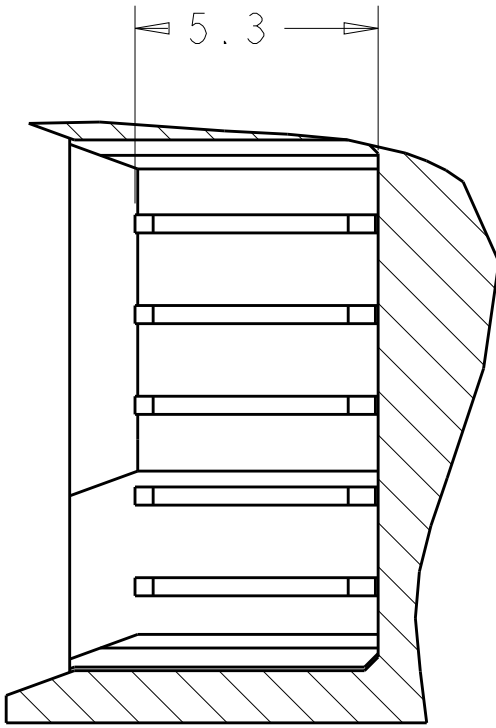
SECTION R-R  
(LEVEL 2, SHORTEST, & LEVEL 3  
LONGEST, MATING CONTACTS)



SECTION LL-LL  
(LEVEL 2: ALL LONGEST CONTACT)

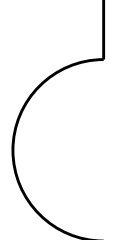


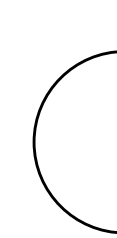
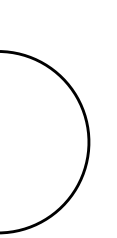
SECTION KB-KB  
(LEVEL 12222:  
LEVEL 1 ROW "A" ONLY  
LEVEL 2 ROWS "B" THRU "E")

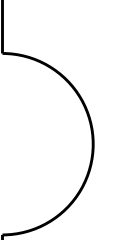


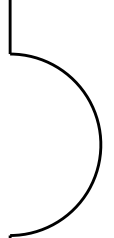
SECTION KC-KC  
(LEVEL 1: SHORTEST CONTACT)

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

| PART NUMBER | ROWS |                                                                                   | SIGNALS |   |       |   |   | POWERS |   |   |   |   |   |   |   |                                                                                     |  |
|-------------|------|-----------------------------------------------------------------------------------|---------|---|-------|---|---|--------|---|---|---|---|---|---|---|-------------------------------------------------------------------------------------|--|
|             |      |                                                                                   | 1       | 2 | 3     | 4 | 5 | 1      | 2 | 3 | 4 | 5 | 6 | 7 | 8 |                                                                                     |  |
| 1926734-1   | A    |  | 2       | 2 | 12222 | 2 | 2 | 3      | 3 | 3 | 3 | 2 | 2 | 2 | 2 |  |  |
|             | B    |                                                                                   |         |   |       |   |   |        |   |   |   |   |   |   |   |                                                                                     |  |
|             | C    |                                                                                   |         |   |       |   |   |        |   |   |   |   |   |   |   |                                                                                     |  |
|             | D    |                                                                                   |         |   |       |   |   |        |   |   |   |   |   |   |   |                                                                                     |  |
|             | E    |                                                                                   |         |   |       |   |   |        |   |   |   |   |   |   |   |                                                                                     |  |
| 25S X 8P    |      |                                                                                   |         |   |       |   |   |        |   |   |   |   |   |   |   |                                                                                     |  |

| PART NUMBER | ROWS |                                                                                   | SIGNALS |   |   |   |   | POWERS |   |   |   |   |   |   |   |   |    |   |                                                                                     |
|-------------|------|-----------------------------------------------------------------------------------|---------|---|---|---|---|--------|---|---|---|---|---|---|---|---|----|---|-------------------------------------------------------------------------------------|
|             |      |                                                                                   | 1       | 2 | 3 | 4 | 5 | 1      | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |   |                                                                                     |
| 1926734-2   | A    |  | 2       | 2 | 2 | 2 | 1 | 2      | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2  | 2 |  |
|             | B    |                                                                                   |         |   |   |   |   |        |   |   |   |   |   |   |   |   |    |   |                                                                                     |
|             | C    |                                                                                   |         |   |   |   |   |        |   |   |   |   |   |   |   |   |    |   |                                                                                     |
|             | D    |                                                                                   |         |   |   |   |   |        |   |   |   |   |   |   |   |   |    |   |                                                                                     |
|             | E    |                                                                                   |         |   |   |   |   |        |   |   |   |   |   |   |   |   |    |   |                                                                                     |
| 25S X 10P   |      |                                                                                   |         |   |   |   |   |        |   |   |   |   |   |   |   |   |    |   |                                                                                     |

| PART NUMBER | ROWS |                                                                                     | SIGNALS |   |   |   |   |   |   | POWERS |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |                                                                                       |
|-------------|------|-------------------------------------------------------------------------------------|---------|---|---|---|---|---|---|--------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|---------------------------------------------------------------------------------------|
|             |      |                                                                                     | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 1      | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |                                                                                       |
| 1926734-3   | A    |  | 1       | 1 | 1 | 1 | 1 | 1 | 1 | 2      | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |  |
|             | B    |                                                                                     |         |   |   |   |   |   |   |        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |                                                                                       |
|             | C    |                                                                                     |         |   |   |   |   |   |   |        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |                                                                                       |
|             | D    |                                                                                     |         |   |   |   |   |   |   |        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |                                                                                       |
|             | E    |                                                                                     |         |   |   |   |   |   |   |        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |                                                                                       |
| 35S X 18P   |      |                                                                                     |         |   |   |   |   |   |   |        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |                                                                                       |

| PART NUMBER | ROWS |                                                                                     | SIGNALS |   |   |   |   | POWERS |   |   |   |   |   |   |   |   |    |   |                                                                                       |
|-------------|------|-------------------------------------------------------------------------------------|---------|---|---|---|---|--------|---|---|---|---|---|---|---|---|----|---|---------------------------------------------------------------------------------------|
|             |      |                                                                                     | 1       | 2 | 3 | 4 | 5 | 1      | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |   |                                                                                       |
| 1926734-4   | A    |  | 2       | 2 | 1 | 2 | 2 | 2      | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2  | 2 |  |
|             | B    |                                                                                     |         |   |   |   |   |        |   |   |   |   |   |   |   |   |    |   |                                                                                       |
|             | C    |                                                                                     |         |   |   |   |   |        |   |   |   |   |   |   |   |   |    |   |                                                                                       |
|             | D    |                                                                                     |         |   |   |   |   |        |   |   |   |   |   |   |   |   |    |   |                                                                                       |
|             | E    |                                                                                     |         |   |   |   |   |        |   |   |   |   |   |   |   |   |    |   |                                                                                       |
| 25S X 10P   |      |                                                                                     |         |   |   |   |   |        |   |   |   |   |   |   |   |   |    |   |                                                                                       |

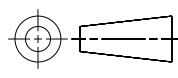
VIEWED FROM MATING FACE



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm



MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.1

1 PLC ±.2

2 PLC ±.25

3 PLC ±.1

4 PLC ±.1

ANGLES #2

FINISH -

WEIGHT

-

DWN G.PETERS 03JUN2008

CHK N.REESER 06JUN2008

APVD N.REESER 06JUN2008

PRODUCT SPEC

APPLICATION SPEC

Customer Drawing

NAME

ASSEMBLY, RIGHT ANGLE, PLUG, SIGNAL/POWER, PASSIVE GUIDE, -

SIZE A1

CAGE CODE 00779

DRAWING NO C=1926734

RESTRICTED TO -

SCALE 1:1

SHEET 4 OF 5

REV F7

TE Connectivity

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

| PART NUMBER | ROWS                  |                                                                                   | SIGNAL |   |   |   |   |   |   | POWER |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |                                                                                     |
|-------------|-----------------------|-----------------------------------------------------------------------------------|--------|---|---|---|---|---|---|-------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|-------------------------------------------------------------------------------------|
|             |                       |                                                                                   | 1      | 2 | 3 | 4 | 5 | 6 | 7 | 1     | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |                                                                                     |
| 1926734-5   | A<br>B<br>C<br>D<br>E |  | 1      | 1 | 1 | 1 | 1 | 1 | 1 | 2     | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |  |
| 35S X 20P   |                       |                                                                                   |        |   |   |   |   |   |   |       |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |                                                                                     |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

G.PETERS

03JUN2008

CHK

N.REESER

06JUN2008

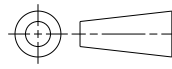
APVD

N.REESER

06JUN2008

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.2

1 PLC ±.2

2 PLC ±.25

3 PLC ±.

4 PLC ±.

ANGLES ±.2

FINISH -

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

Customer Drawing

NAME

ASSEMBLY, RIGHT ANGLE, PLUG, SIGNAL/POWER, PASSIVE GUIDE, -

SIZE

A1

CAGE CODE

00779

DRAWING NO

©=1926734

RESTRICTED TO

-

SCALE

1:1

SHEET

5

OF

5

REV

F7

TE Connectivity