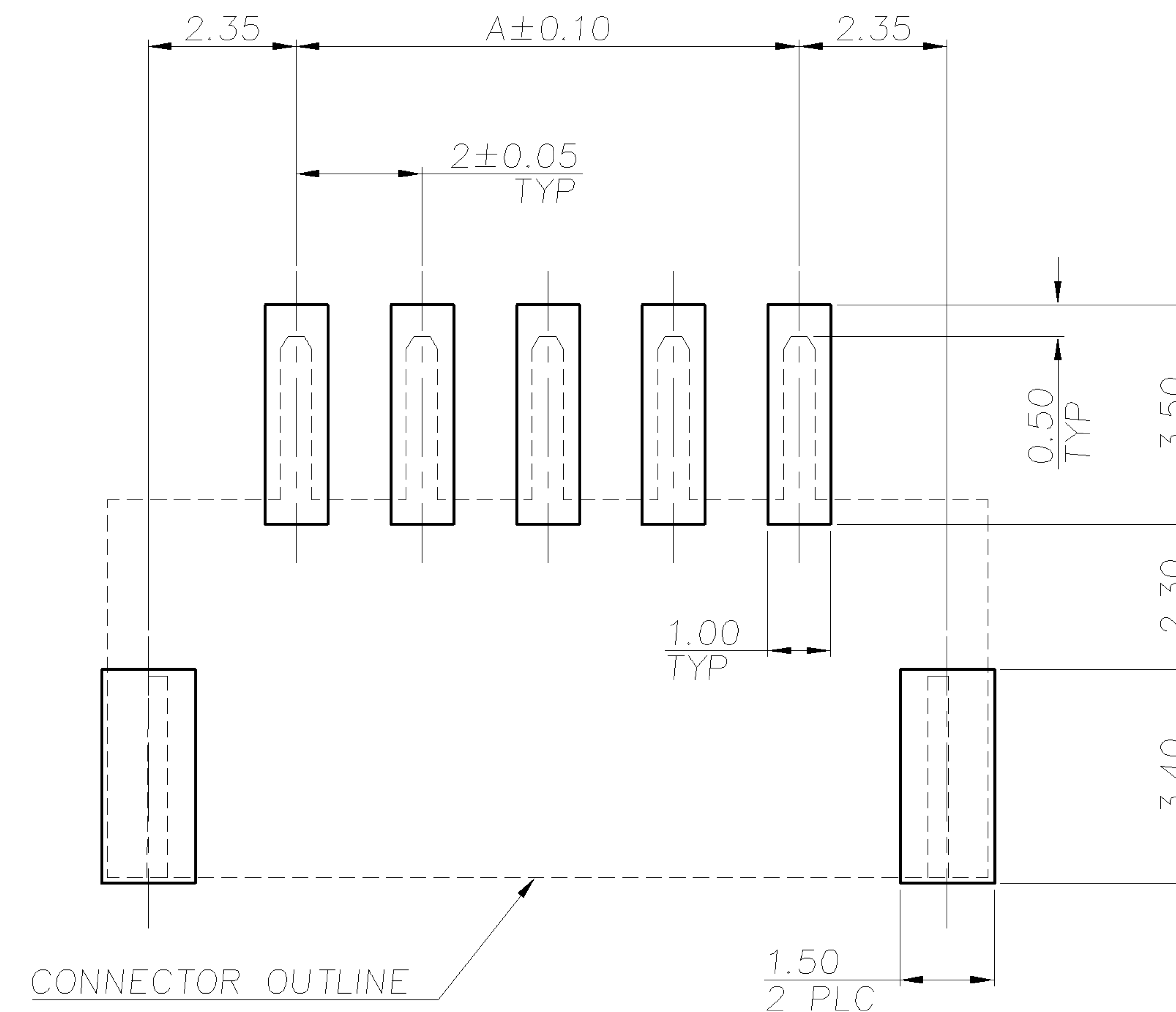
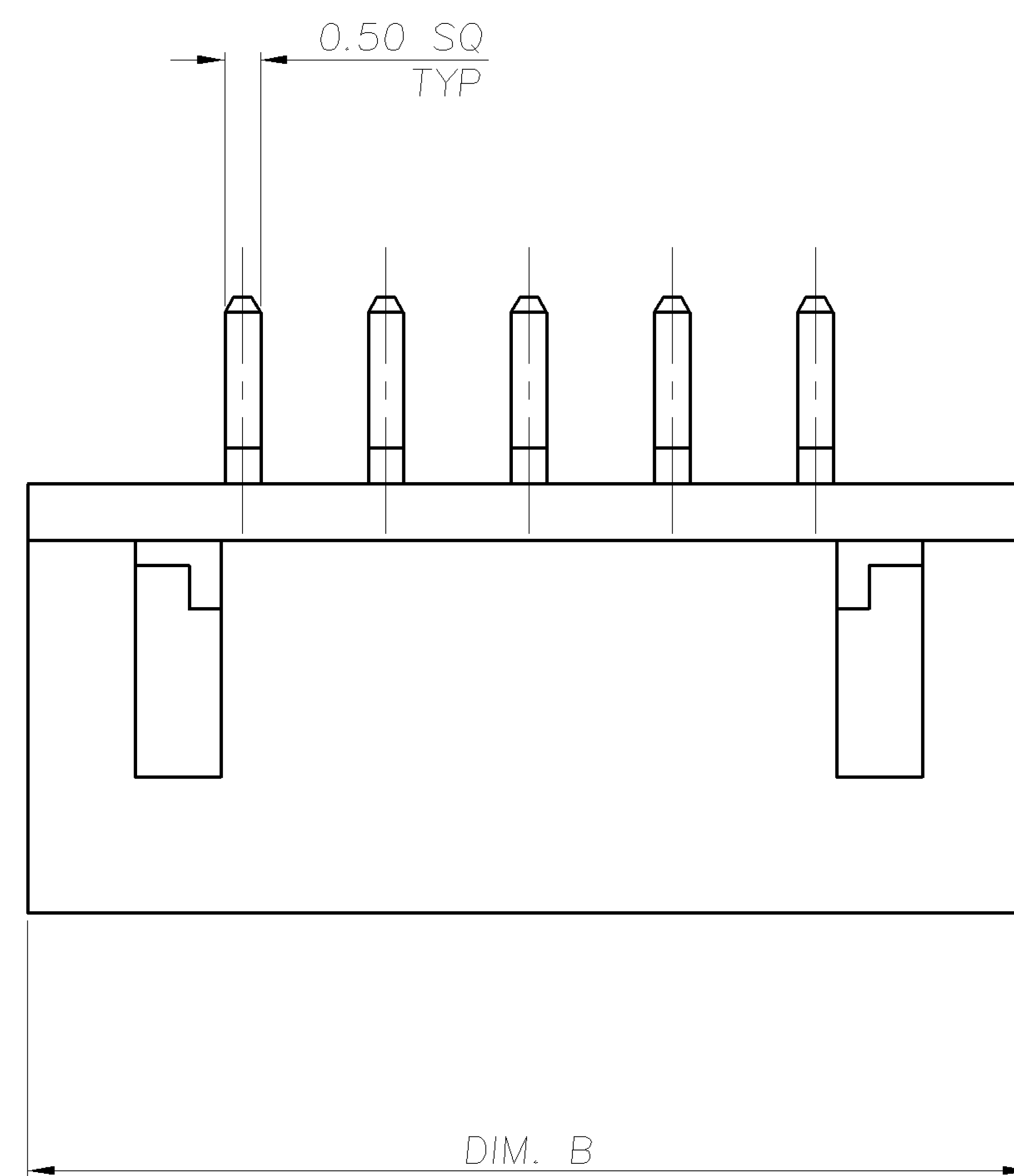
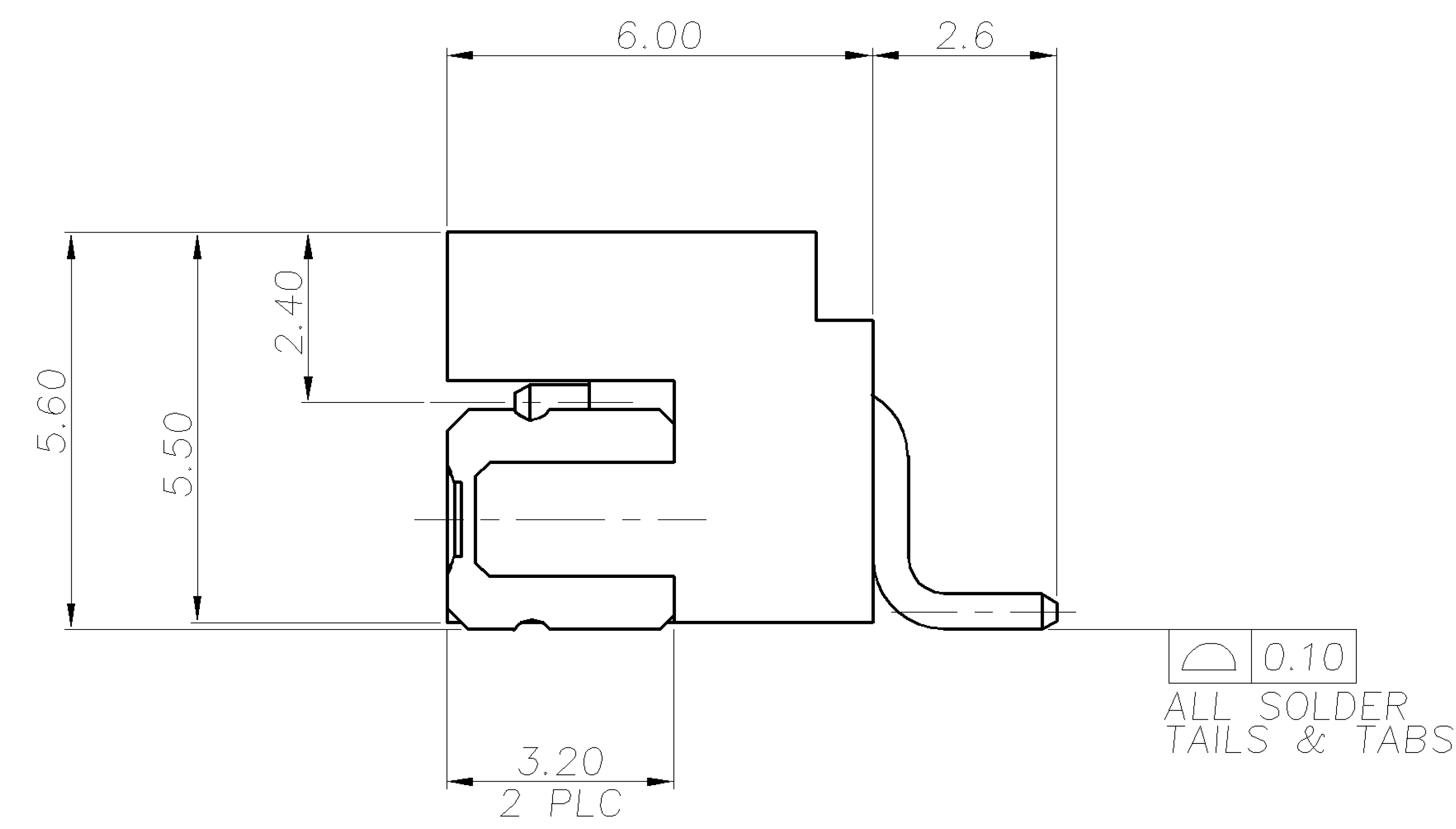
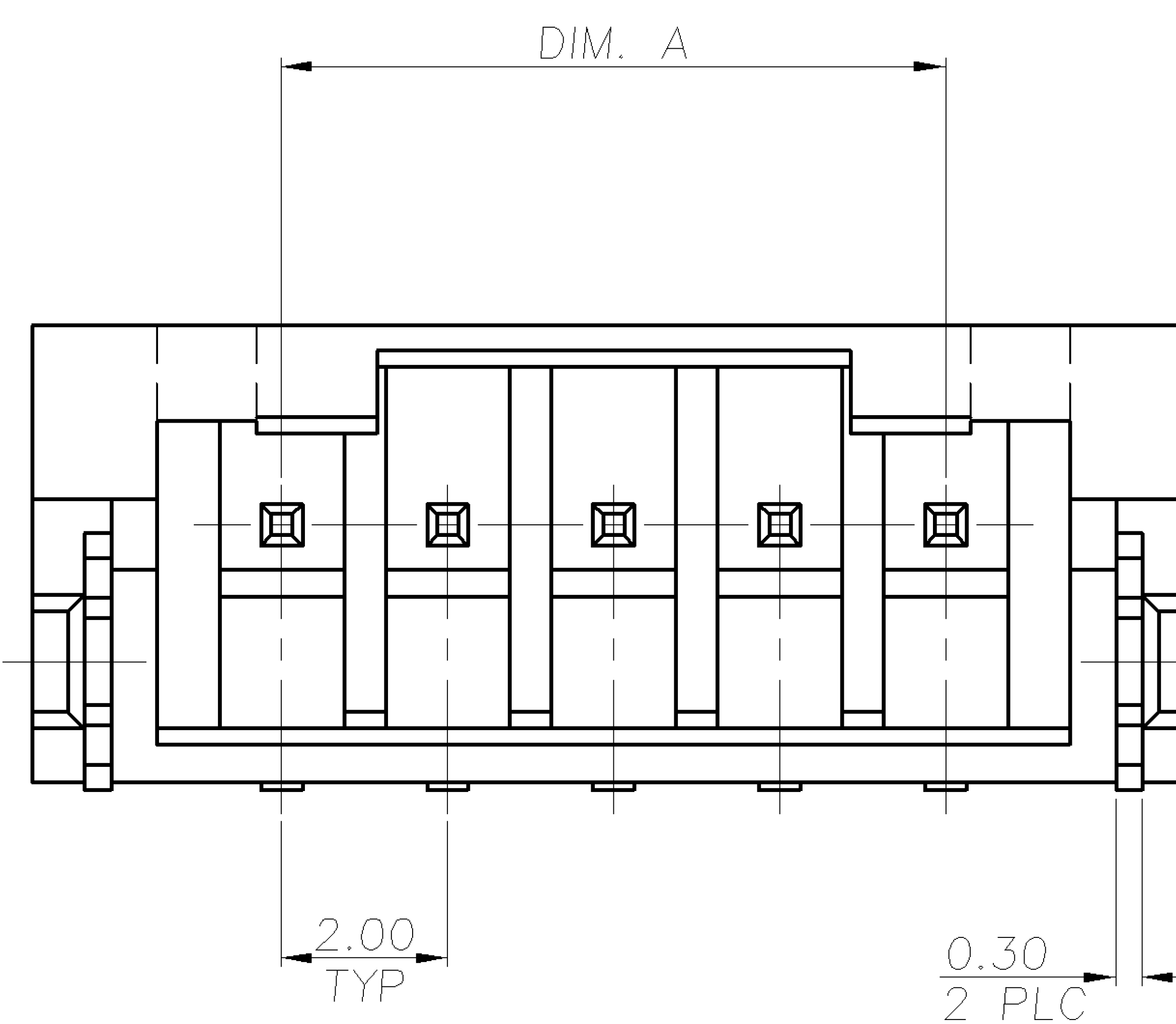


DIMENSIONS IN MILLIMETERS. DO NOT SCALE PRINT.

PRINT DIST  
DW |



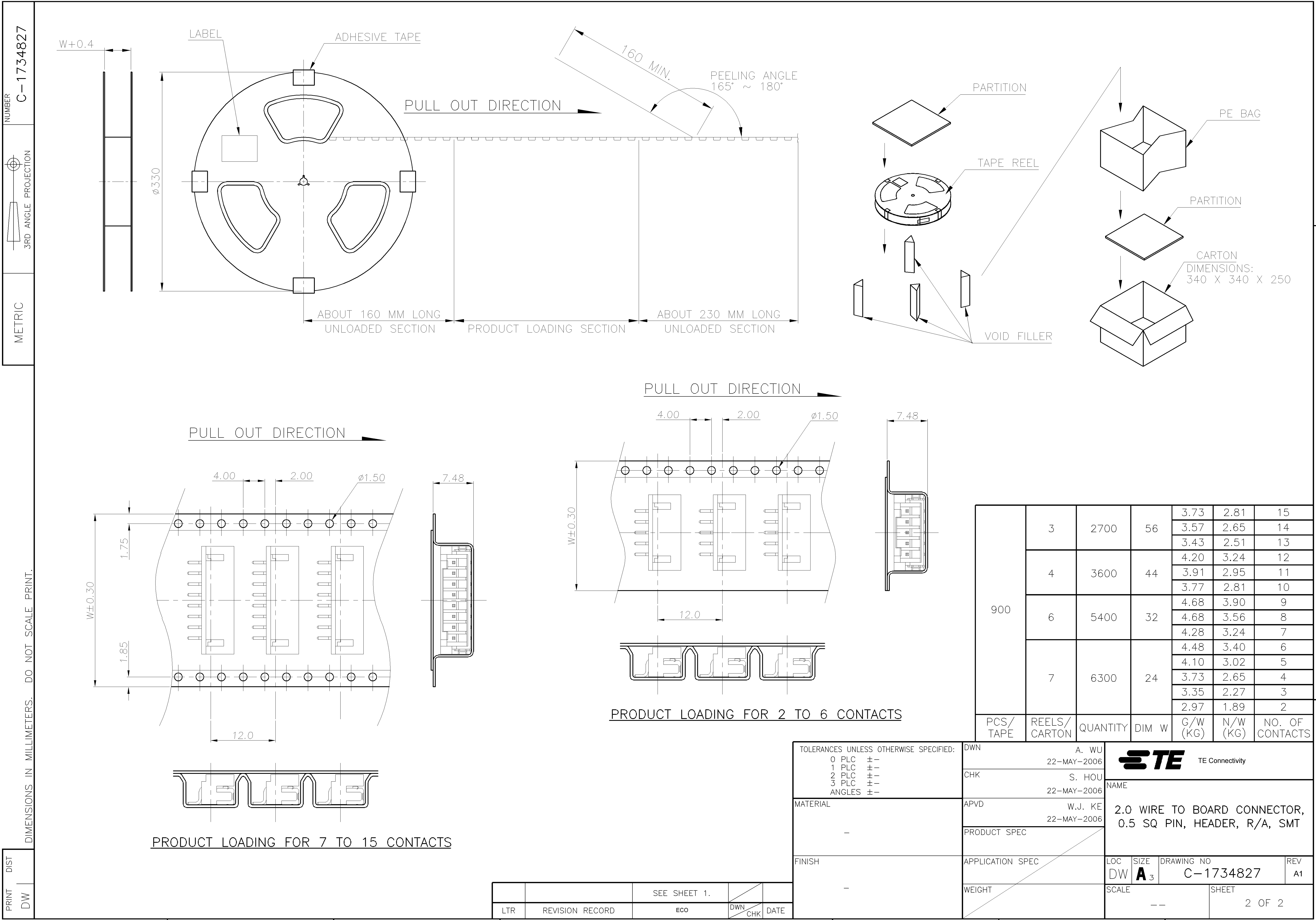
## RECOMMENDED PCB LAYOUT



1. MATERIAL:  
HOUSING: THERMOPLASTIC (PA9T) WITH 33% GF, UL 94V-0, NATURE COLOR.  
CONTACTS: BRASS.  
TABS: PHOSPHOR BRONZE.
2. FINISH:  
CONTACTS:  $2.54\mu\text{m}$  [ $100\mu''$ ] MIN. MATTE-TIN OVER  $1.27\mu\text{m}$  [ $50\mu''$ ] MIN.  
NICKEL ON ENTIRE CONTACT.  
TABS:  $2.54\mu\text{m}$  [ $100\mu''$ ] MIN. OVER  $1.27\mu\text{m}$  [ $50\mu''$ ] NICKEL PLATED.
3. REFLOW SOLDER CAPABLE TO 260°C AS PER **TE Connectivity** SPEC. 109-201,  
CONDITION B.
4. NO TYCO LOGO AND DATE CODE ON THE PRODUCT.

|        |            |       |                 |             |
|--------|------------|-------|-----------------|-------------|
| 1.04g  | 34.00      | 28.00 | 15              | 1-1734827-5 |
| 0.98g  | 32.00      | 26.00 | 14              | 1-1734827-4 |
| 0.93g  | 30.00      | 24.00 | 13              | 1-1734827-3 |
| 0.90g  | 28.00      | 22.00 | 12              | 1-1734827-2 |
| 0.82g  | 2600       | 20.00 | 11              | 1-1734827-1 |
| 0.78g  | 24.00      | 18.00 | 10              | 1-1734827-0 |
| 0.72g  | 22.00      | 16.00 | 9               | 1734827-9   |
| 0.66g  | 20.00      | 14.00 | 8               | 1734827-8   |
| 0.60g  | 18.00      | 12.00 | 7               | 1734827-7   |
| 0.54g  | 16.00      | 10.00 | 6               | 1734827-6   |
| 0.48g  | 14.00      | 8.00  | 5               | 1734827-5   |
| 0.42g  | 12.00      | 6.00  | 4               | 1734827-4   |
| 0.36g  | 10.00      | 4.00  | 3               | 1734827-3   |
| 0.30g  | 8.00       | 2.00  | 2               | 1734827-2   |
| WEIGHT | B          | A     | NO. OF CONTACTS | PART NUMBER |
|        | DIMENSIONS |       |                 |             |

|                                                                                                                  |  |                                        |  |                        |                        |                                                                                                       |           |
|------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|--|------------------------|------------------------|-------------------------------------------------------------------------------------------------------|-----------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±0.50<br>1 PLC ±0.38<br>2 PLC ±0.25<br>3 PLC ±0.15<br>ANGLES ±5° |  | DWN                                    |  | A. WU<br>22-MAY-2006   |                        |  TE Connectivity |           |
|                                                                                                                  |  | CHK                                    |  | S. HOU<br>22-MAY-2006  |                        |                                                                                                       |           |
| MATERIAL<br><br>SEE NOTE                                                                                         |  | APVD                                   |  | W.J. KE<br>22-MAY-2006 |                        | 2.0 WIRE TO BOARD CONNECTOR,<br>0.5 SQ PIN, HEADER, R/A, SMT                                          |           |
|                                                                                                                  |  | PRODUCT SPEC<br>108-57449              |  |                        |                        |                                                                                                       |           |
| FINISH<br><br>SEE NOTE                                                                                           |  | QUALIFICATION TEST REPORT<br>501-57517 |  | LOC<br>DW              | SIZE<br>A <sub>3</sub> | DRAWING NO<br>C-1734827                                                                               | REV<br>A1 |
|                                                                                                                  |  | WEIGHT<br>SEE TABLE                    |  | SCALE<br>--            |                        | SHEET<br>1 OF 2                                                                                       |           |



NUMBER  
C-1734827

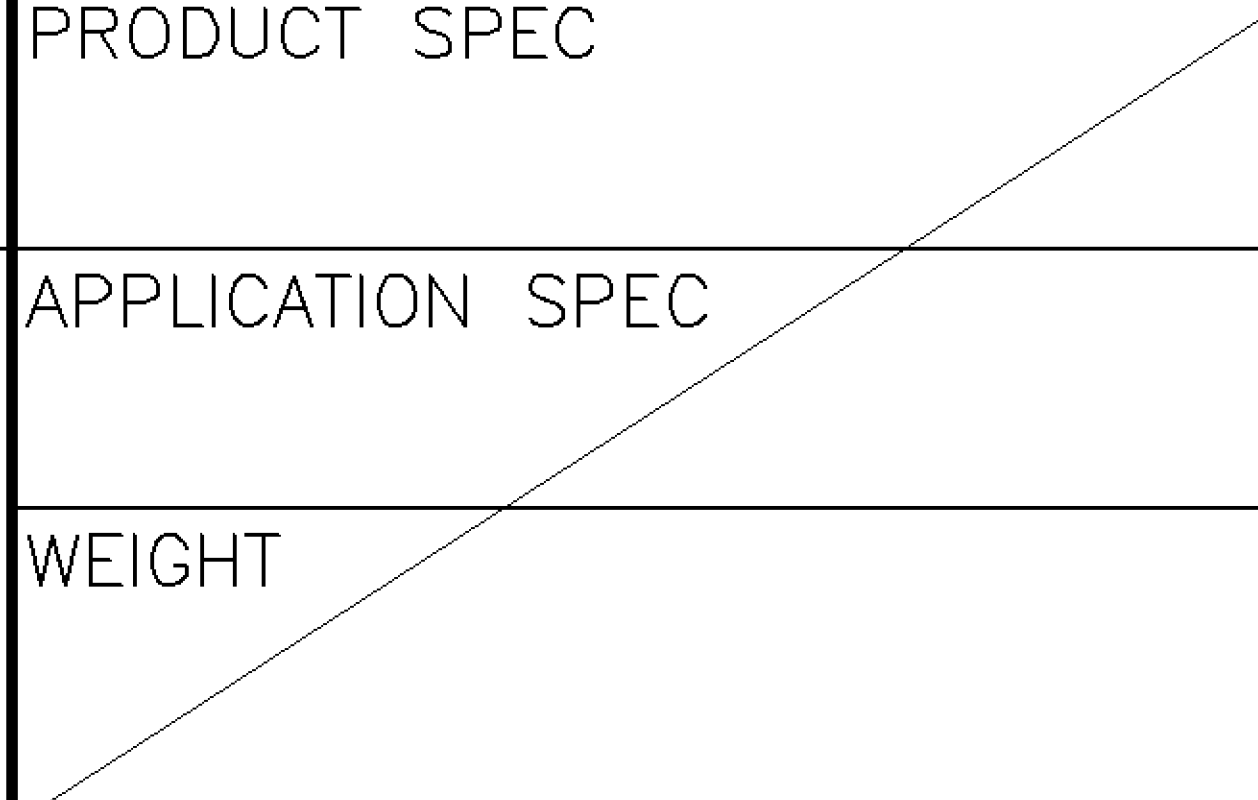
METRIC  
3RD ANGLE PROJECTION

PRINT  
DW

DIMENSIONS IN MILLIMETERS. DO NOT SCALE PRINT.

PRINT  
DW

|     |                 |              |            |      |
|-----|-----------------|--------------|------------|------|
| LTR | REVISION RECORD | SEE SHEET 1. | DWN<br>CHK | DATE |
| 5   |                 | ECO          |            |      |

|                                        |  |                  |  |                                                                                       |  |       |  |                                                                                                       |  |            |  |        |  |
|----------------------------------------|--|------------------|--|---------------------------------------------------------------------------------------|--|-------|--|-------------------------------------------------------------------------------------------------------|--|------------|--|--------|--|
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | DWN              |  | A. WU                                                                                 |  |       |  |  TE Connectivity |  |            |  |        |  |
| 0 PLC ±-                               |  |                  |  | 22-MAY-2006                                                                           |  |       |  |                                                                                                       |  |            |  |        |  |
| 1 PLC ±-                               |  | CHK              |  | S. HOU                                                                                |  |       |  | NAME                                                                                                  |  |            |  |        |  |
| 2 PLC ±-                               |  |                  |  | 22-MAY-2006                                                                           |  |       |  |                                                                                                       |  |            |  |        |  |
| 3 PLC ±-                               |  | APVD             |  | W.J. KE                                                                               |  |       |  | 2.0 WIRE TO BOARD CONNECTOR,<br>0.5 SQ PIN, HEADER, R/A, SMT                                          |  |            |  |        |  |
| ANGLES ±-                              |  |                  |  |                                                                                       |  |       |  |                                                                                                       |  |            |  |        |  |
| MATERIAL                               |  |                  |  |                                                                                       |  |       |  |                                                                                                       |  |            |  |        |  |
| -                                      |  | PRODUCT SPEC     |  |  |  |       |  |                                                                                                       |  |            |  |        |  |
| FINISH                                 |  | APPLICATION SPEC |  |                                                                                       |  | LOC   |  | SIZE                                                                                                  |  | DRAWING NO |  |        |  |
| -                                      |  |                  |  |                                                                                       |  | DW    |  | A <sub>3</sub>                                                                                        |  | C-1734827  |  | REV    |  |
|                                        |  | WEIGHT           |  |                                                                                       |  |       |  |                                                                                                       |  |            |  | A1     |  |
|                                        |  |                  |  |                                                                                       |  | SCALE |  |                                                                                                       |  | SHEET      |  |        |  |
|                                        |  |                  |  |                                                                                       |  |       |  | --                                                                                                    |  |            |  | 2 OF 2 |  |

CUSTOMER DRAWING