

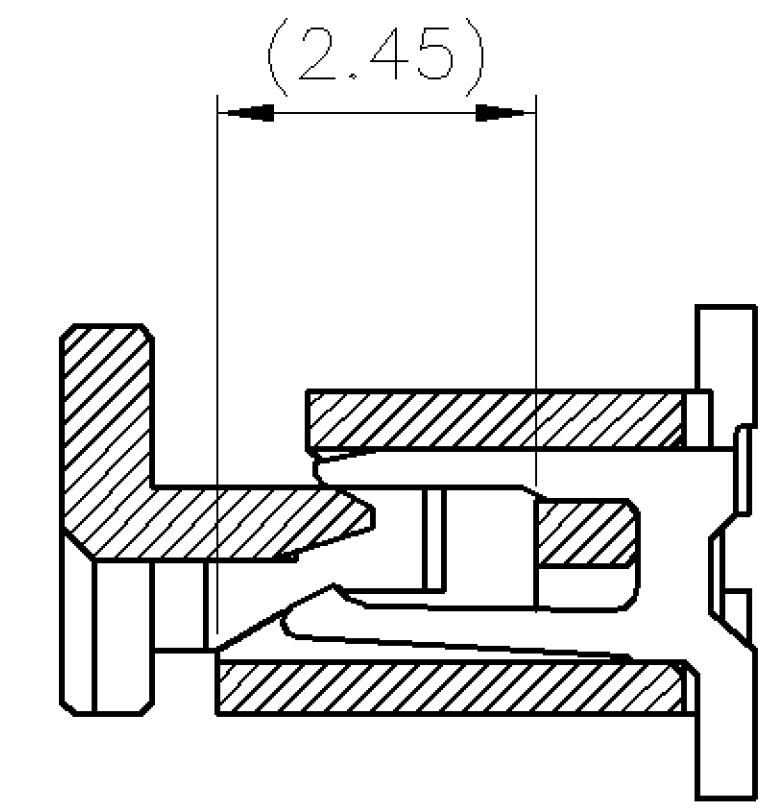
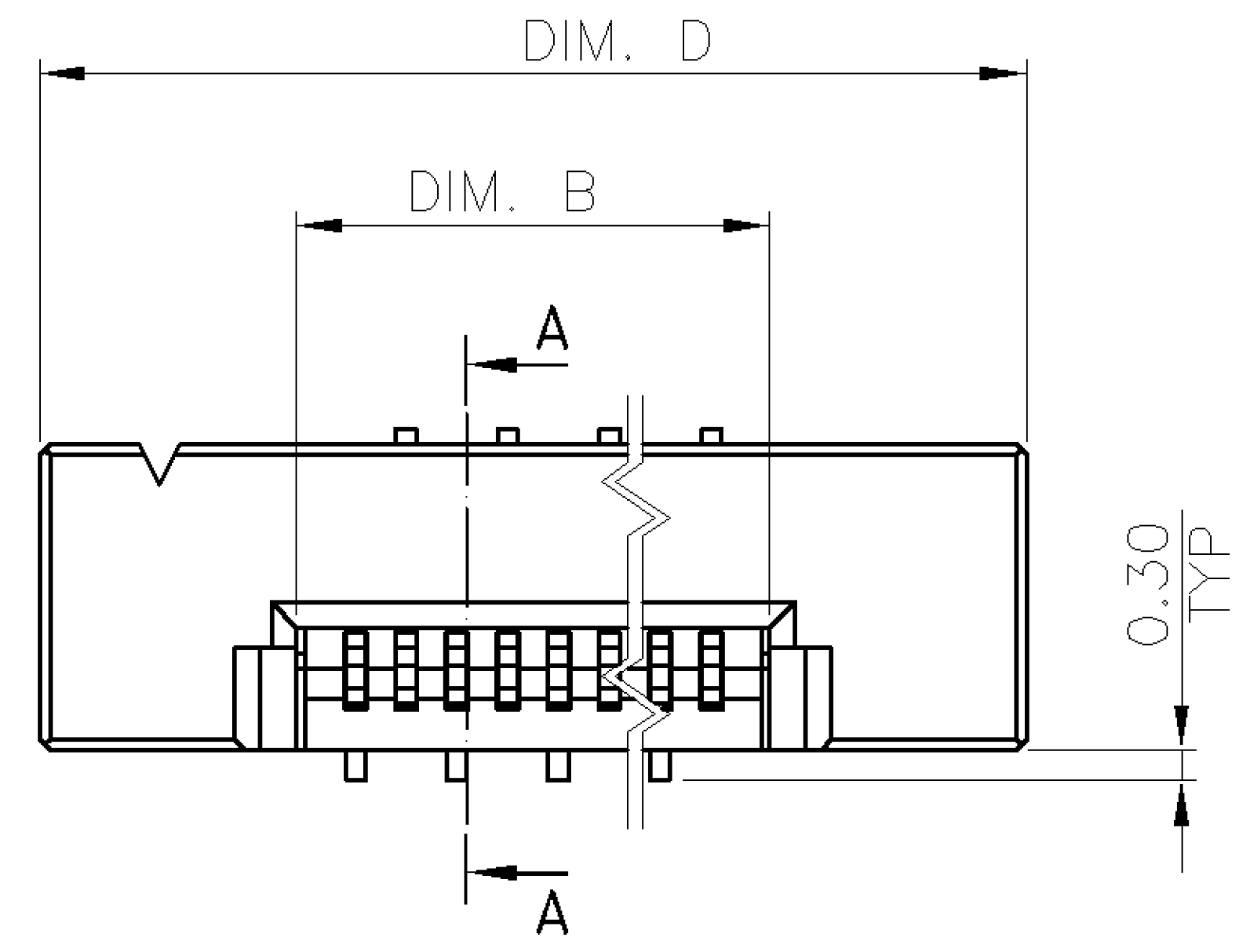
NUMBER  
C-1734742

3RD ANGLE PROJECTION

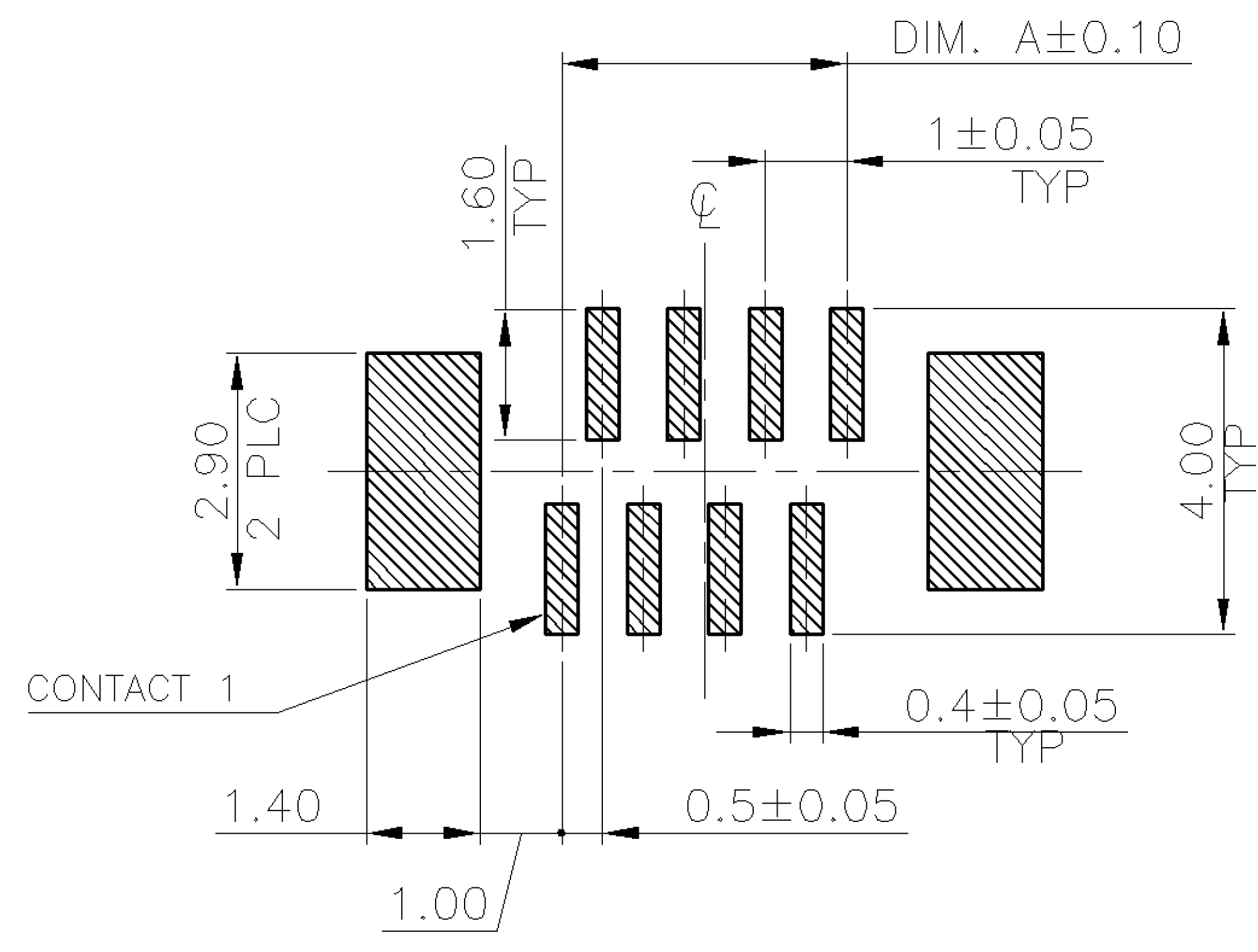
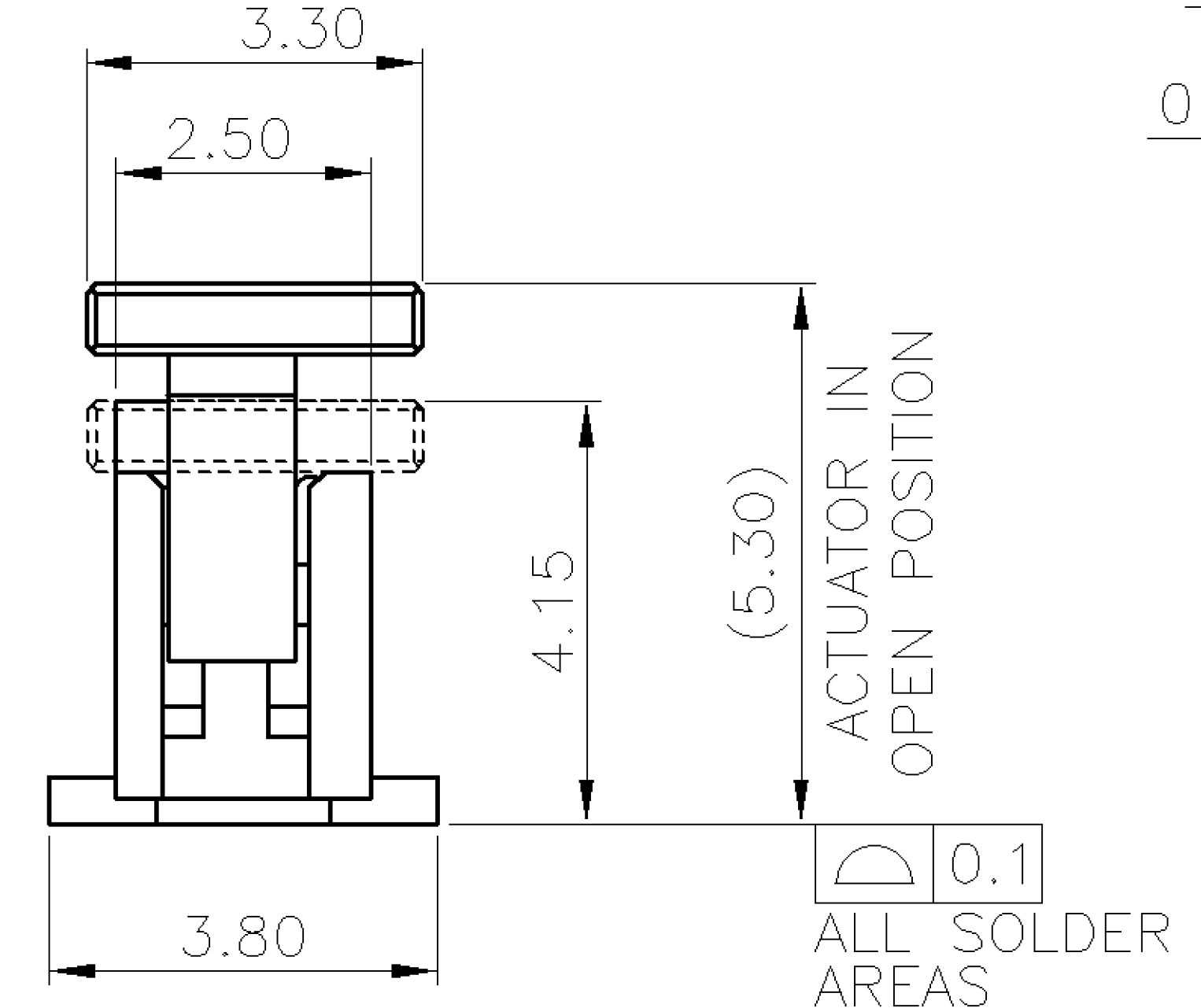
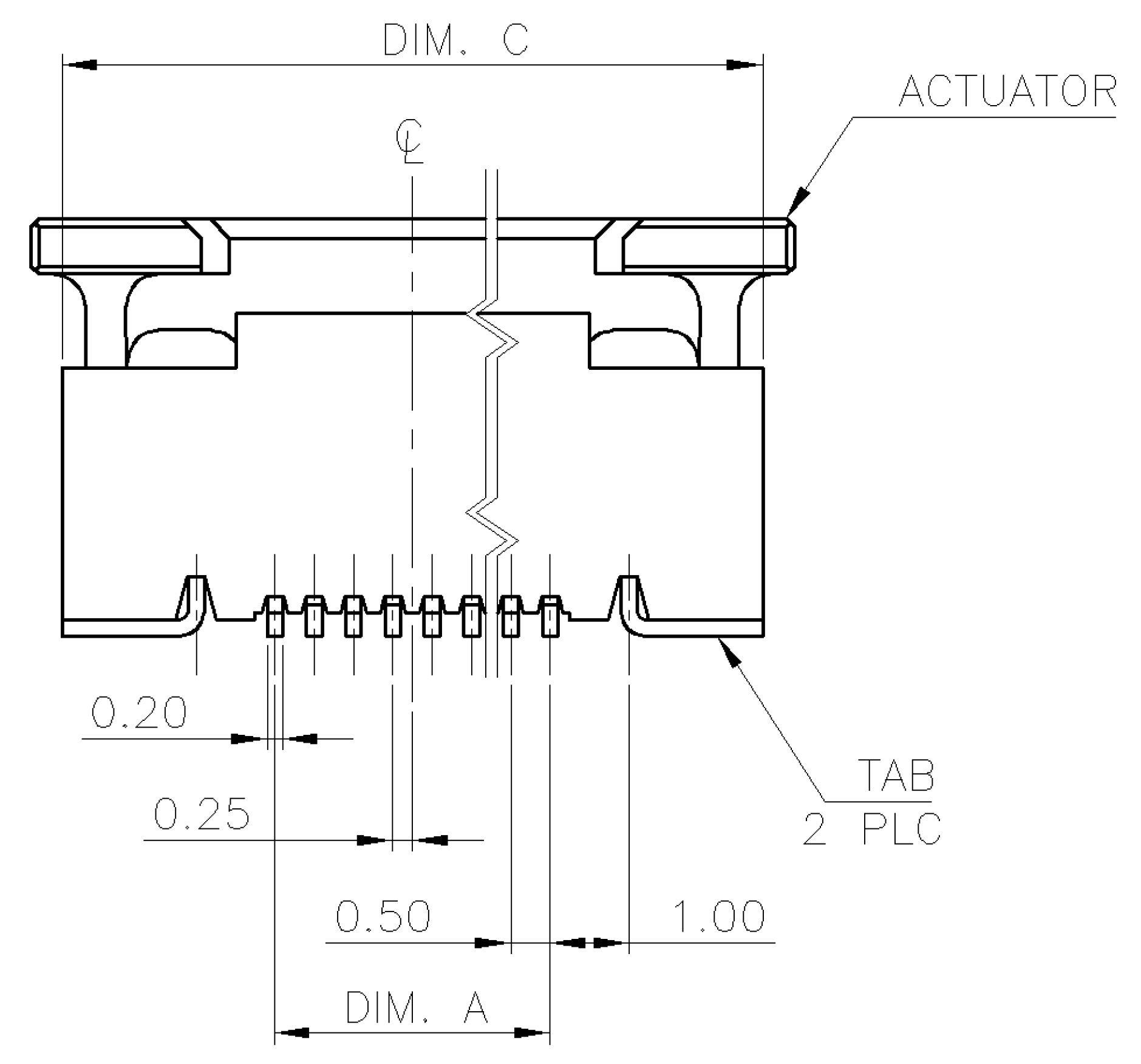
METRIC

PRINT DIST  
DW

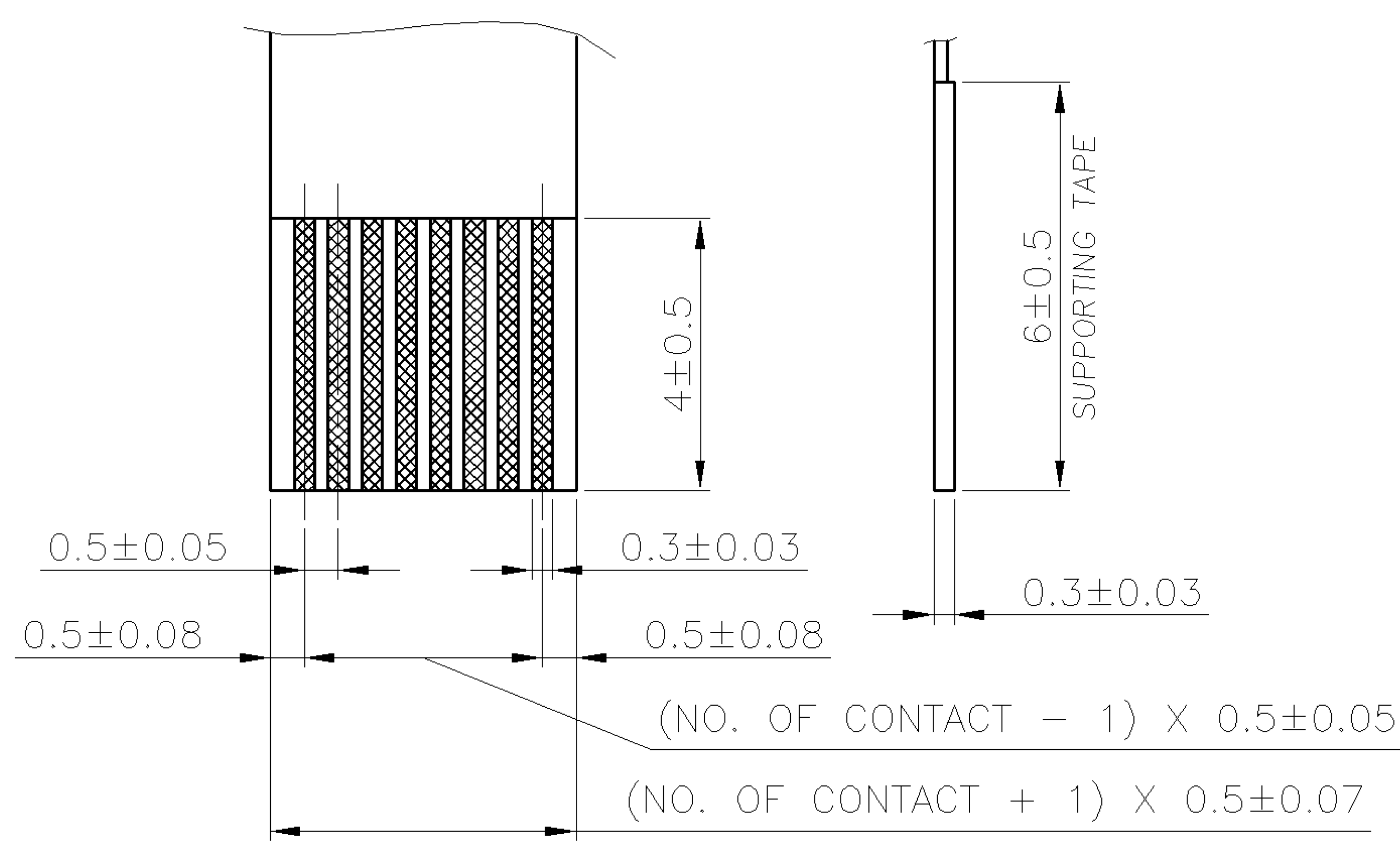
8 7 6 5 4 3 2 1



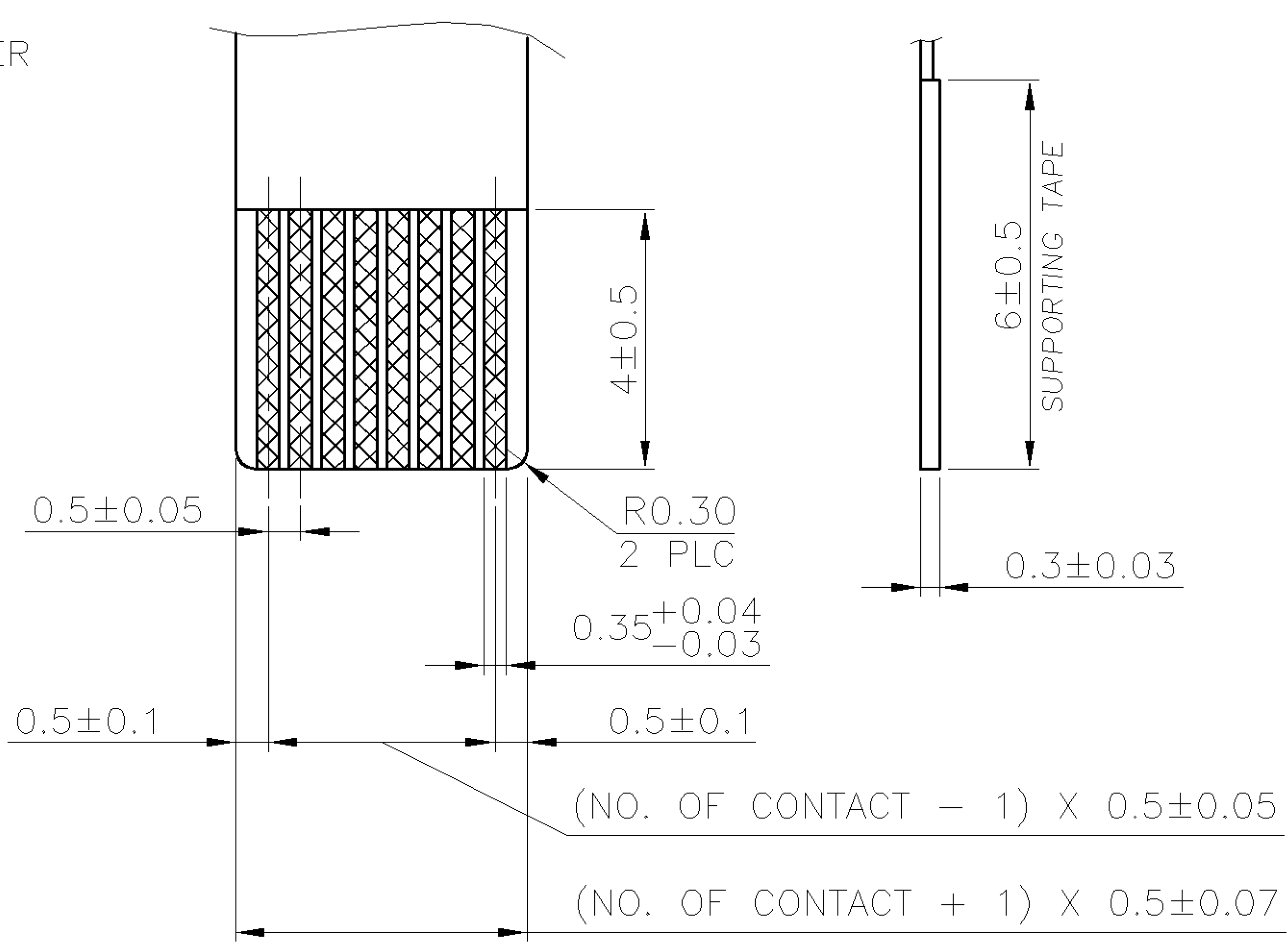
SECTION A-A



RECOMMENDED PCB LAYOUT (TYPE A)  
(TOLERANCE: ±0.05)



RECOMMENDED FFC LAYOUT



RECOMMENDED FPC LAYOUT

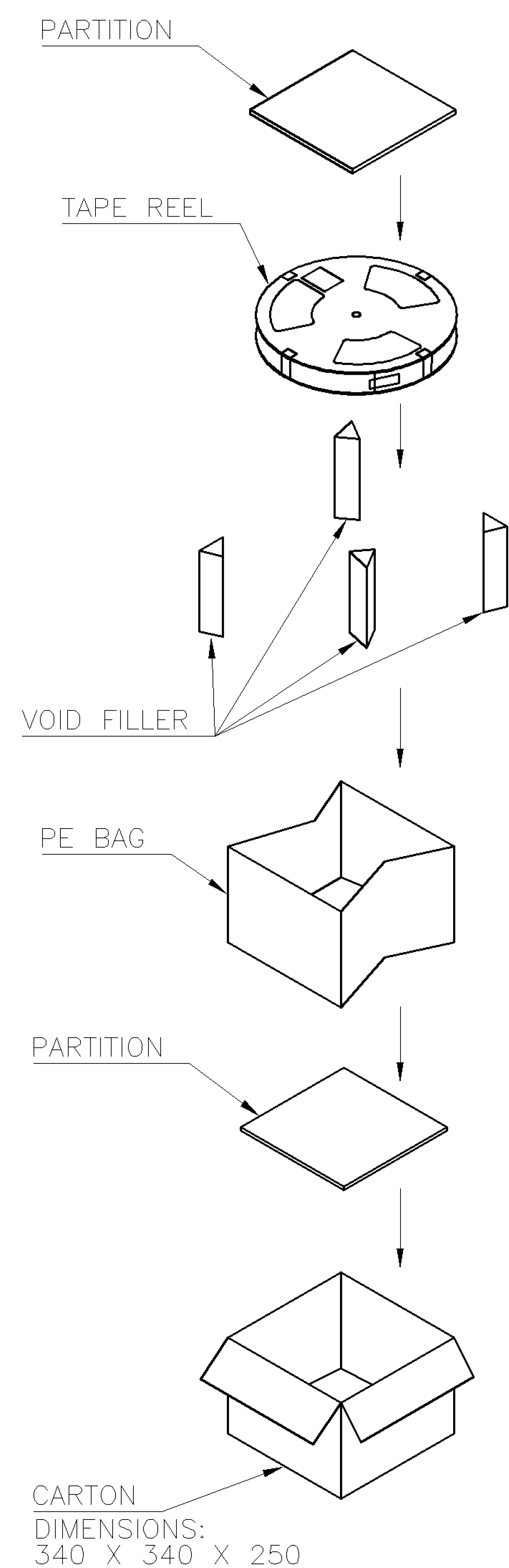
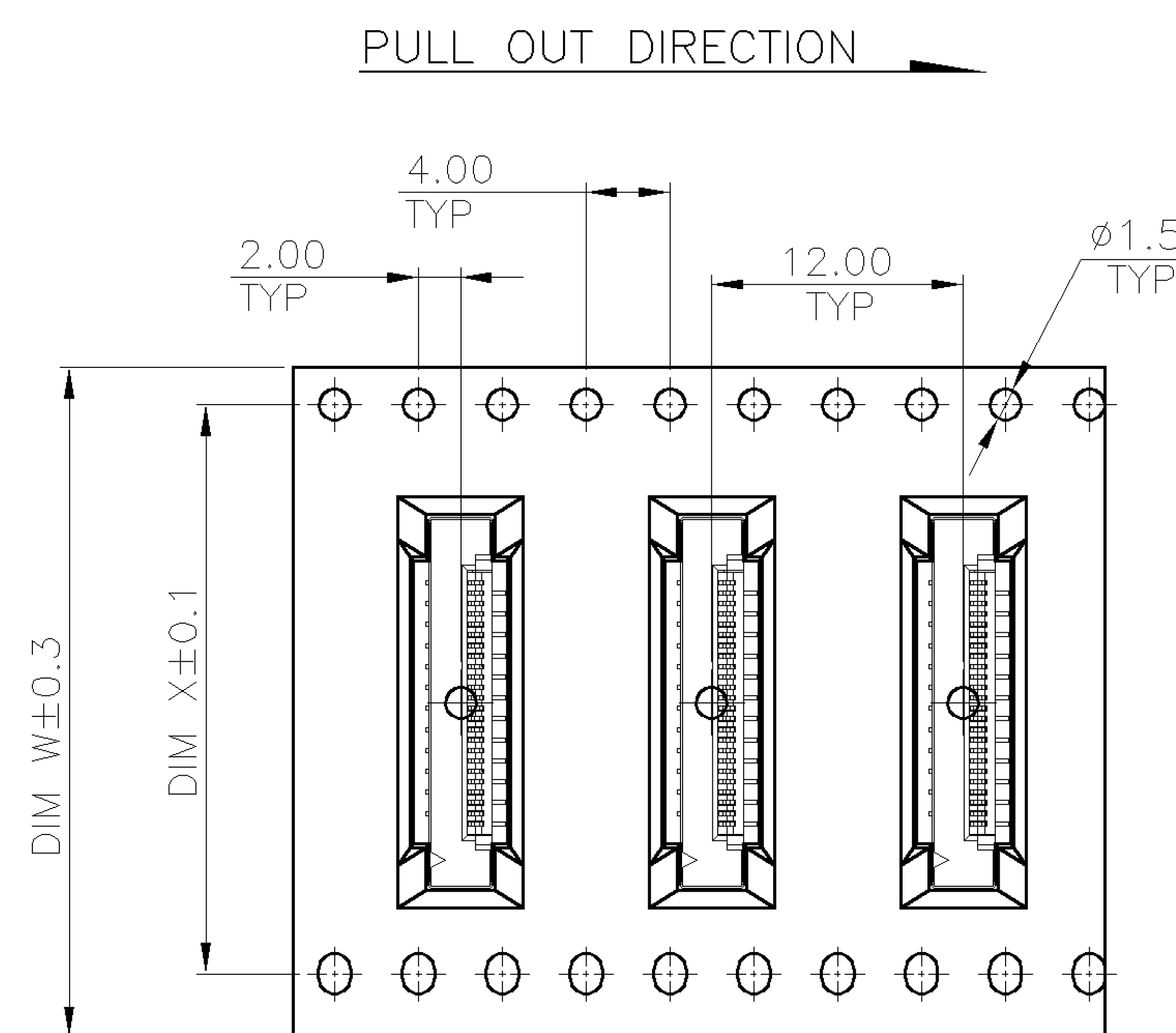
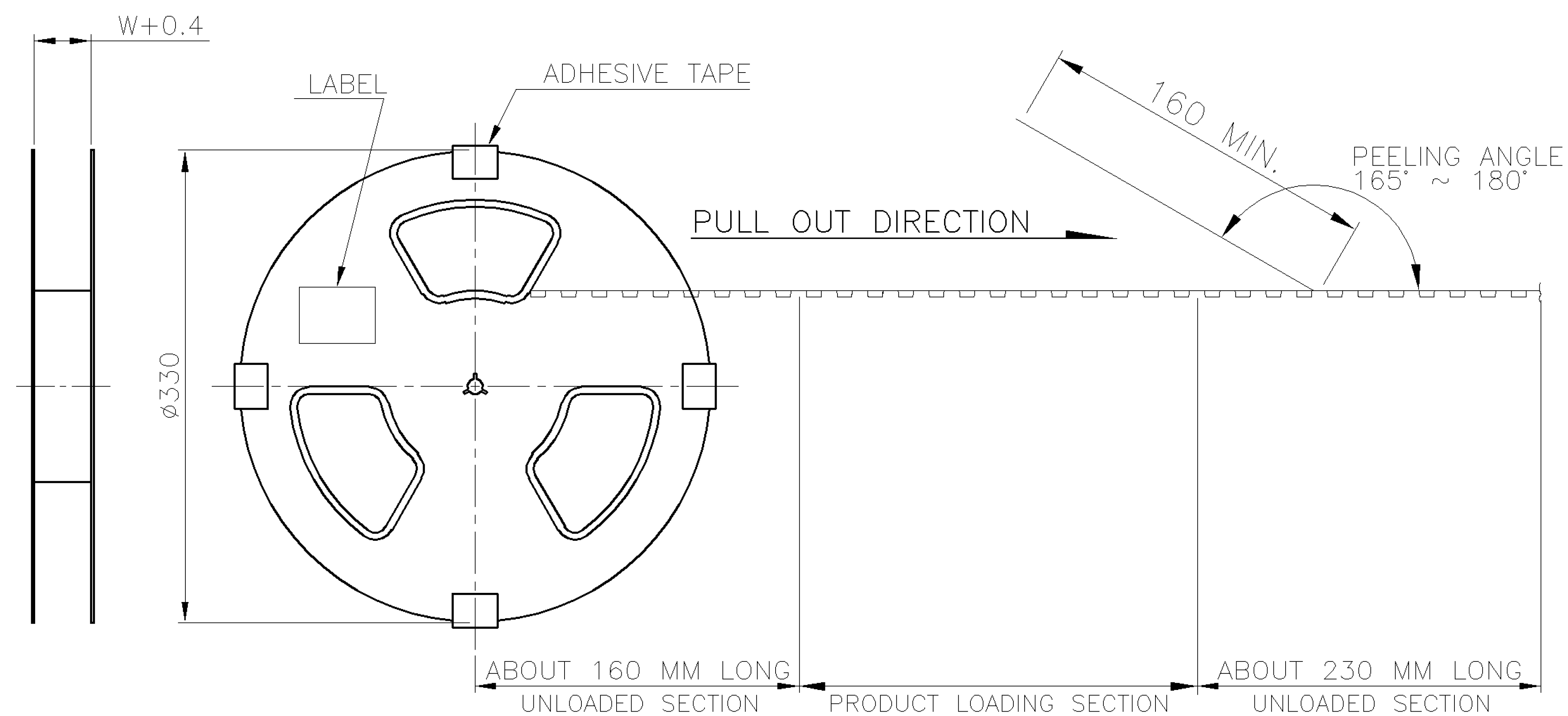
- NOTE:
- MATERIAL:  
HOUSING: THERMOPLASTIC WITH 33% GF, UL 94V-0, BLACK COLOR.  
ACTUATOR: THERMOPLASTIC, UL 94V-0, BROWN COLOR.  
CONTACTS: PHOSPHOR BRONZE.  
TABS: BRASS.
  - FINISH:  
CONTACTS: GOLD FLASH OVER 50μ" MIN. NICKEL ON ENTIRE CONTACT.  
CONTACTS: 30μ" MIN. GOLD ON CONTACT AREA, WITH GOLD FLASH OVER 50μ" MIN. NICKEL ON ENTIRE CONTACT.  
TABS: 120μ" MIN. MATTE-TIN OVER 50μ" MIN. NICKEL.
  - REFLOW SOLDER CAPABLE TO 260°C AS PER TE CONNECTIVITY SPEC. 109-201, CONDITION B.
  - NO TYCO LOGO AND DATE CODE ON THE PRODUCT.

|     |                 |                           |         |         |
|-----|-----------------|---------------------------|---------|---------|
|     |                 |                           |         |         |
| P   |                 | REVISED PER ECO-11-005301 | RK HMR  | 02APR11 |
| LTR | REVISION RECORD | ECO                       | DWN CHK | DATE    |

|                                                                                                             |                                        |                                                                                    |             |                     |                         |
|-------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------|-------------|---------------------|-------------------------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±-<br>1 PLC ±0.2<br>2 PLC ±0.1<br>3 PLC ±0.05<br>ANGLES ±3' | DWN A. WU<br>01-DEC-2005               | TE Connectivity<br>NAME<br>FPC/FFC CONN., 0.5 MM PITCH, ZIF, VERTICAL, SMT, TYPE A |             |                     |                         |
|                                                                                                             | CHK S. HOU<br>01-DEC-2005              |                                                                                    |             |                     |                         |
| MATERIAL<br>SEE NOTE                                                                                        | APVD W.J. KE<br>01-DEC-2005            | PRODUCT SPEC<br>108-57324                                                          |             |                     |                         |
| FINISH<br>SEE NOTE                                                                                          | QUALIFICATION TEST REPORT<br>501-57364 |                                                                                    | LOC DW      | SIZE A <sub>3</sub> | DRAWING NO<br>C-1734742 |
|                                                                                                             | WEIGHT<br>-                            |                                                                                    | SCALE<br>-- |                     | SHEET<br>1 OF 2         |

|                                                                                     |        |            |       |       |       |                 |             |
|-------------------------------------------------------------------------------------|--------|------------|-------|-------|-------|-----------------|-------------|
|  | 0.34g  | 17.70      | 16.90 | 12.65 | 11.50 | 24              | 6-1734742-0 |
|                                                                                     | 0.52g  | 25.70      | 24.90 | 20.65 | 19.50 | 40              | 4-1734742-0 |
|                                                                                     | 0.51g  | 25.20      | 24.40 | 20.15 | 19.00 | 39              | 3-1734742-9 |
|                                                                                     | 0.50g  | 24.70      | 23.90 | 19.65 | 18.50 | 38              | 3-1734742-8 |
|                                                                                     | 0.49g  | 24.20      | 23.40 | 19.15 | 18.00 | 37              | 3-1734742-7 |
|                                                                                     | 0.48g  | 23.70      | 22.90 | 18.65 | 17.50 | 36              | 3-1734742-6 |
|                                                                                     | 0.46g  | 23.20      | 22.40 | 18.15 | 17.00 | 35              | 3-1734742-5 |
|                                                                                     | 0.45g  | 22.70      | 21.90 | 17.65 | 16.50 | 34              | 3-1734742-4 |
|                                                                                     | 0.44g  | 22.20      | 21.40 | 17.15 | 16.00 | 33              | 3-1734742-3 |
|                                                                                     | 0.43g  | 21.70      | 20.90 | 16.65 | 15.50 | 32              | 3-1734742-2 |
|                                                                                     | 0.42g  | 21.20      | 20.40 | 16.15 | 15.00 | 31              | 3-1734742-1 |
|                                                                                     | 0.41g  | 20.70      | 19.90 | 15.65 | 14.50 | 30              | 3-1734742-0 |
|                                                                                     | 0.40g  | 20.20      | 19.40 | 15.15 | 14.00 | 29              | 2-1734742-9 |
|                                                                                     | 0.39g  | 19.70      | 18.90 | 14.65 | 13.50 | 28              | 2-1734742-8 |
|                                                                                     | 0.38g  | 19.20      | 18.40 | 14.15 | 13.00 | 27              | 2-1734742-7 |
|                                                                                     | 0.37g  | 18.70      | 17.90 | 13.65 | 12.50 | 26              | 2-1734742-6 |
|                                                                                     | 0.36g  | 18.20      | 17.40 | 13.15 | 12.00 | 25              | 2-1734742-5 |
|                                                                                     | 0.34g  | 17.70      | 16.90 | 12.65 | 11.50 | 24              | 2-1734742-4 |
|                                                                                     | 0.33g  | 17.20      | 16.40 | 12.15 | 11.00 | 23              | 2-1734742-3 |
|                                                                                     | 0.32g  | 16.70      | 15.90 | 11.65 | 10.50 | 22              | 2-1734742-2 |
|                                                                                     | 0.31g  | 16.20      | 15.40 | 11.15 | 10.00 | 21              | 2-1734742-1 |
|                                                                                     | 0.30g  | 15.70      | 14.90 | 10.65 | 9.50  | 20              | 2-1734742-0 |
|                                                                                     | 0.29g  | 15.20      | 14.40 | 10.15 | 9.00  | 19              | 1-1734742-9 |
|                                                                                     | 0.28g  | 14.70      | 13.90 | 9.65  | 8.50  | 18              | 1-1734742-8 |
|                                                                                     | 0.27g  | 14.20      | 13.40 | 9.15  | 8.00  | 17              | 1-1734742-7 |
|                                                                                     | 0.26g  | 13.70      | 12.90 | 8.65  | 7.50  | 16              | 1-1734742-6 |
|                                                                                     | 0.25g  | 13.20      | 12.40 | 8.15  | 7.00  | 15              | 1-1734742-5 |
|                                                                                     | 0.24g  | 12.70      | 11.90 | 7.65  | 6.50  | 14              | 1-1734742-4 |
|                                                                                     | 0.22g  | 12.20      | 11.40 | 7.15  | 6.00  | 13              | 1-1734742-3 |
|                                                                                     | 0.21g  | 11.70      | 10.90 | 6.65  | 5.50  | 12              | 1-1734742-2 |
|                                                                                     | 0.20g  | 11.20      | 10.40 | 6.15  | 5.00  | 11              | 1-1734742-1 |
|                                                                                     | 0.19g  | 10.70      | 9.90  | 5.65  | 4.50  | 10              | 1-1734742-0 |
|                                                                                     | 0.18g  | 10.20      | 9.40  | 5.15  | 4.00  | 9               | 1734742-9   |
|                                                                                     | 0.17g  | 9.70       | 8.90  | 4.65  | 3.50  | 8               | 1734742-8   |
|                                                                                     | 0.16g  | 9.20       | 8.40  | 4.15  | 3.00  | 7               | 1734742-7   |
|                                                                                     | 0.15g  | 8.70       | 7.90  | 3.65  | 2.50  | 6               | 1734742-6   |
|                                                                                     | WEIGHT | D          | C     | B     | A     | NO. OF CONTACTS | PART NUMBER |
|                                                                                     |        | DIMENSIONS |       |       |       |                 |             |

DIMENSIONS IN MILLIMETERS DO NOT SCALE PRINT



|              |                  |          |       |       |             |             |                    |
|--------------|------------------|----------|-------|-------|-------------|-------------|--------------------|
| 1000         | 4                | 4000     | 44.0  | 40.40 | 4.61        | 2.08        | 40                 |
|              |                  |          |       |       | 4.57        | 2.04        | 39                 |
|              |                  |          |       |       | 4.53        | 2.00        | 38                 |
|              |                  |          |       |       | 4.49        | 1.96        | 37                 |
|              |                  |          |       |       | 4.45        | 1.92        | 36                 |
|              |                  |          |       |       | 4.37        | 1.84        | 35                 |
|              |                  |          |       |       | 4.33        | 1.80        | 34                 |
|              |                  |          |       |       | 4.29        | 1.76        | 33                 |
|              |                  |          |       |       | 4.25        | 1.72        | 32                 |
|              | 4.21             | 1.68     | 31    |       |             |             |                    |
|              | 6                | 6000     | 32.0  | 28.40 | 6.05        | 2.46        | 30                 |
|              |                  |          |       |       | 5.99        | 2.40        | 29                 |
|              |                  |          |       |       | 5.93        | 2.34        | 28                 |
|              |                  |          |       |       | 5.87        | 2.28        | 27                 |
|              |                  |          |       |       | 5.81        | 2.22        | 26                 |
|              |                  |          |       |       | 5.75        | 2.16        | 25                 |
|              |                  |          |       |       | 5.63        | 2.04        | 24                 |
|              |                  |          |       |       | 5.57        | 1.98        | 23                 |
|              |                  |          |       |       | 5.51        | 1.92        | 22                 |
|              | 5.45             | 1.86     | 21    |       |             |             |                    |
|              | 7                | 7000     | 24.0  | -     | 5.58        | 2.10        | 20                 |
|              |                  |          |       |       | 5.51        | 2.03        | 19                 |
|              |                  |          |       |       | 5.44        | 1.96        | 18                 |
|              |                  |          |       |       | 5.37        | 1.89        | 17                 |
|              |                  |          |       |       | 5.30        | 1.82        | 16                 |
|              |                  |          |       |       | 5.23        | 1.75        | 15                 |
|              |                  |          |       |       | 5.16        | 1.68        | 14                 |
|              |                  |          |       |       | 5.02        | 1.54        | 13                 |
|              |                  |          |       |       | 4.95        | 1.47        | 12                 |
|              |                  |          |       |       | 4.88        | 1.40        | 11                 |
| 4.81         |                  |          |       |       | 1.33        | 10          |                    |
| 4.74         |                  |          |       |       | 1.26        | 9           |                    |
| 4.67         | 1.19             | 8        |       |       |             |             |                    |
| 4.60         | 1.12             | 7        |       |       |             |             |                    |
| 4.53         | 1.05             | 6        |       |       |             |             |                    |
| PCS/<br>REEL | REELS/<br>CARTON | QUANTITY | DIM W | DIM X | G/W<br>(KG) | N/W<br>(KG) | NO. OF<br>CONTACTS |

|                                                                                                     |                                |                                                                                                       |                               |                         |          |
|-----------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------|----------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±—<br>1 PLC ±—<br>2 PLC ±—<br>3 PLC ±—<br>ANGLES ±— | DWN<br>A. WU<br>01—DEC—2005    |  TE Connectivity |                               |                         |          |
|                                                                                                     | CHK<br>S. HOU<br>01—DEC—2005   |                                                                                                       |                               |                         |          |
| MATERIAL<br><br>—                                                                                   | APVD<br>W.J. KE<br>01—DEC—2005 | FPC/FFC CONN., 0.5 MM PITCH,<br>ZIF, VERTICAL, SMT, TYPE A                                            |                               |                         |          |
|                                                                                                     | PRODUCT SPEC                   |                                                                                                       |                               |                         |          |
| FINISH<br><br>—                                                                                     | APPLICATION SPEC               | LOC<br>DW                                                                                             | SIZE<br><b>A</b> <sub>3</sub> | DRAWING NO<br>C—1734742 | REV<br>P |
|                                                                                                     | WEIGHT                         | SCALE<br><br>— —                                                                                      |                               | SHEET<br><br>2 OF 2     |          |