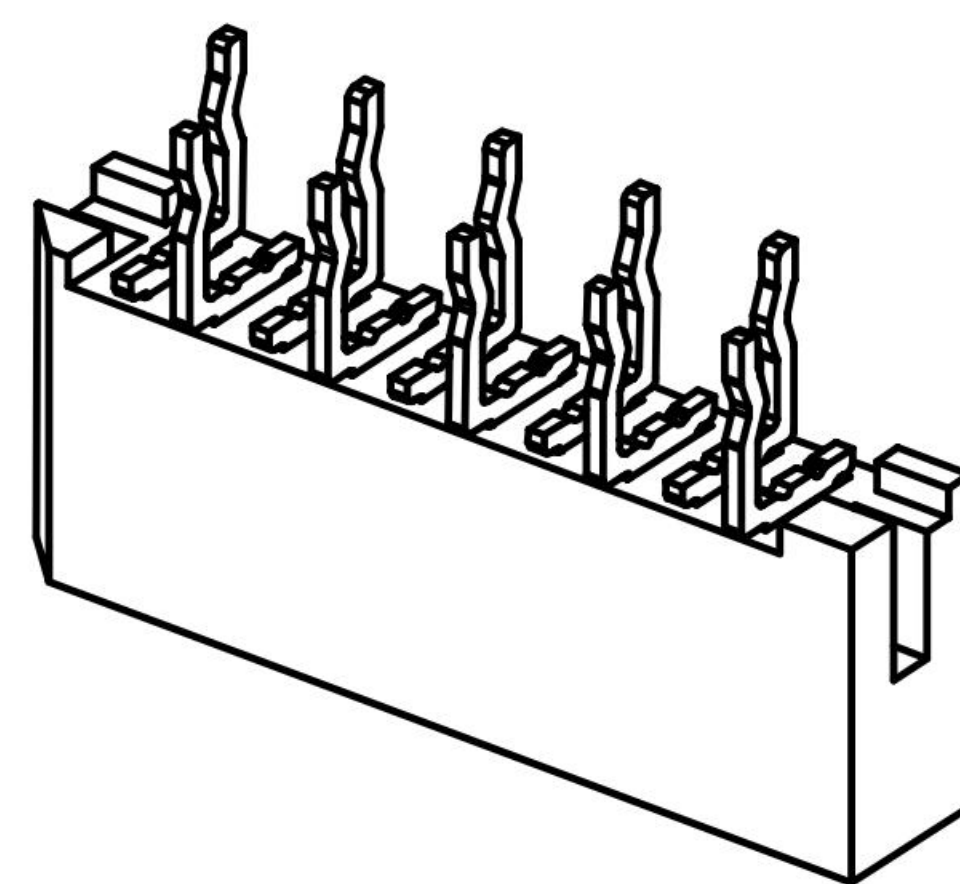
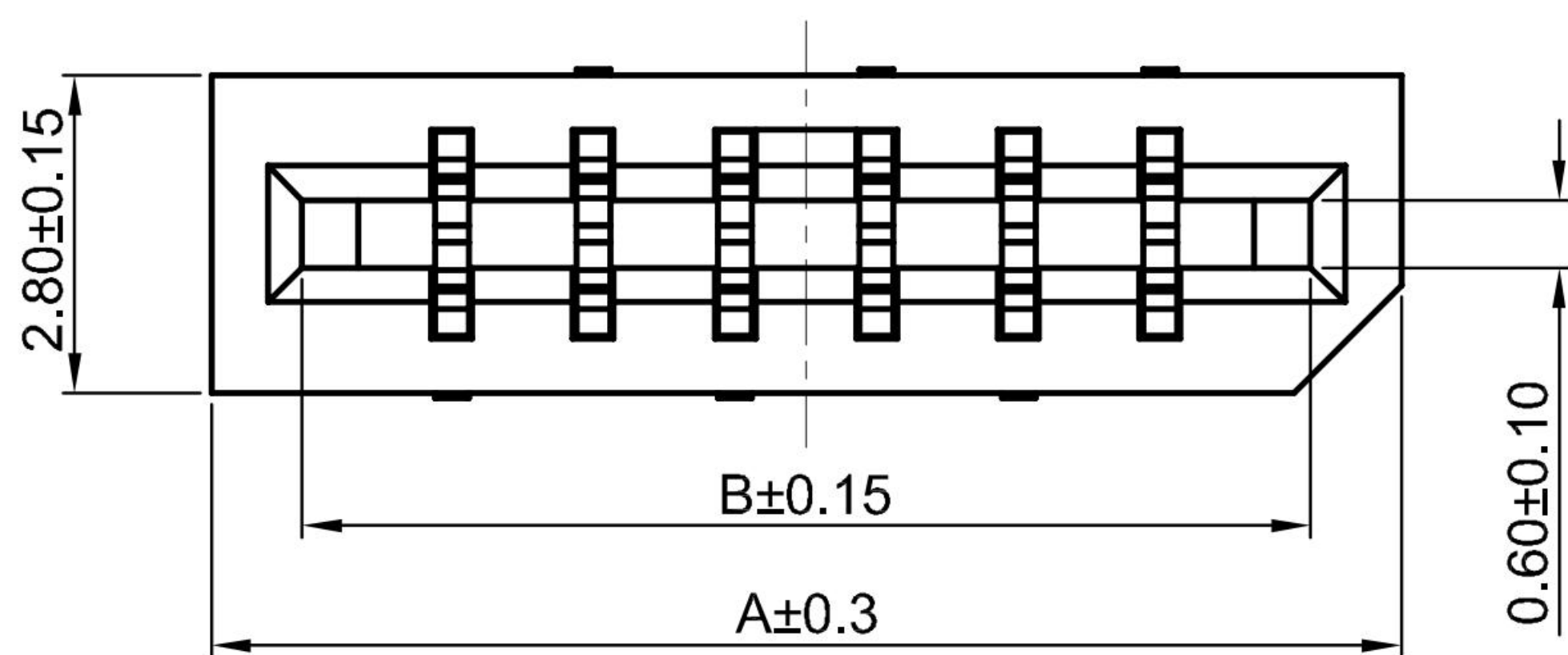


1



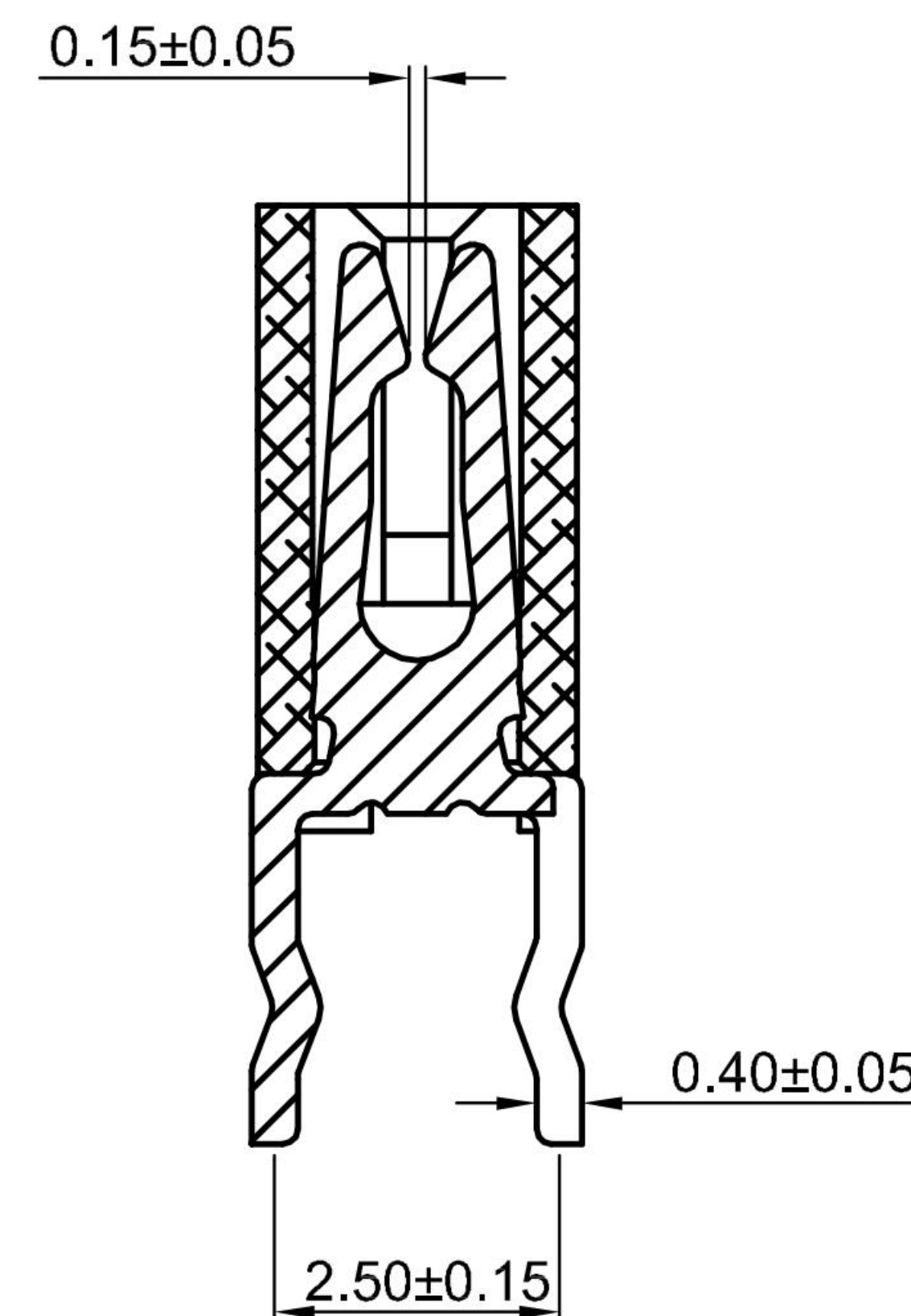
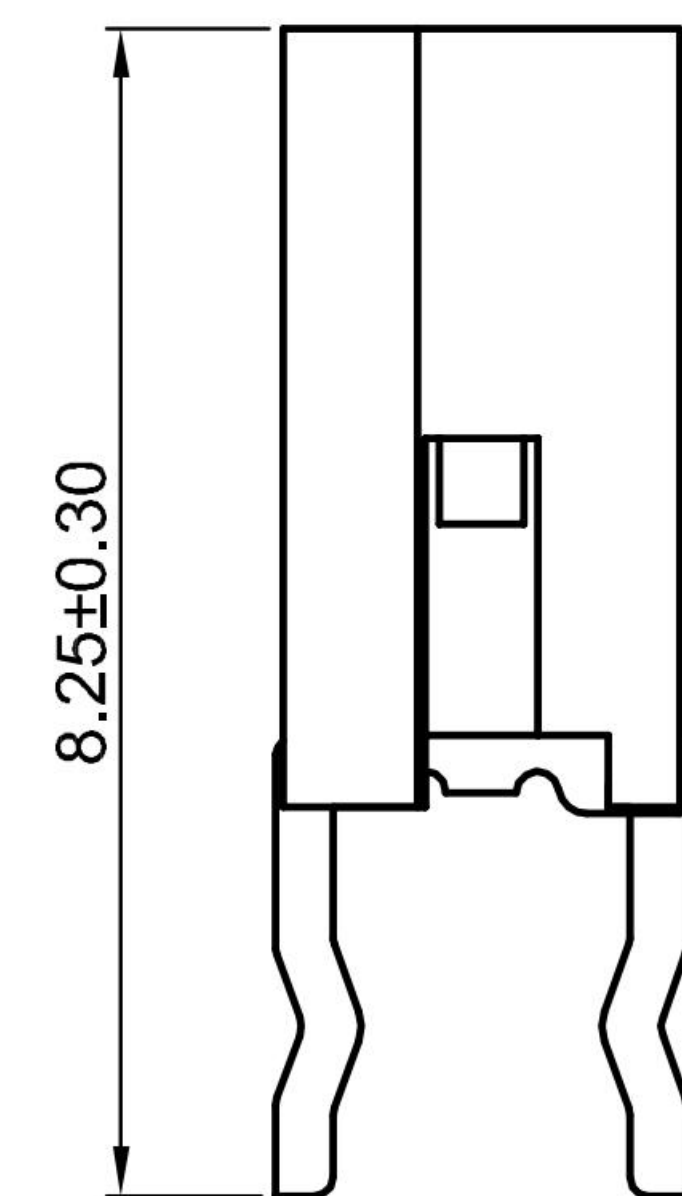
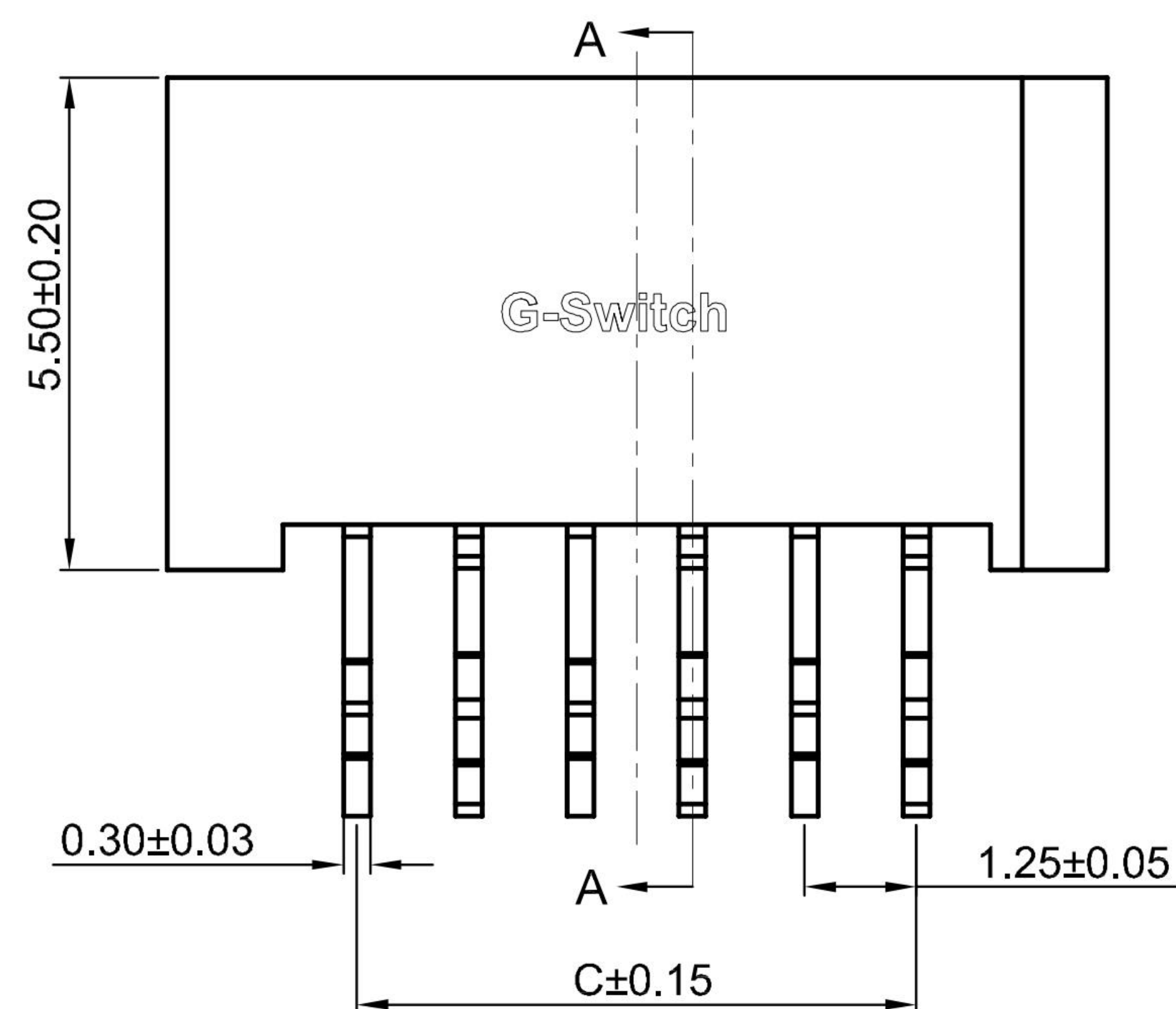
### G-Switch Specification:

- 1.Current rated: 1.0A AC/DC
- 2.Voltage rating: 125V AC/DC
- 3.Withstanding voltage: 500V AC
- 4.Contact resistance: 50mΩ max.
- 5.Insulation resistance: 100MΩ min
- 6.Durability cycle: 20Cycles
- 7.Removal force: 0.05kgf/Pin min
- 8.Operating temperature range: -25°C ~ +85°C



1

2



SECTION:A-A

GT-F1251 D V 55 -XX X XX 01

G-Switch

Series No

Termipoint  
D-DIP

Angle  
V-180°

Terminal Plating  
BT-Bright Tin

Housing Colour  
B-Black

Pin Q' PY  
04~40

Height  
55-5.50mm

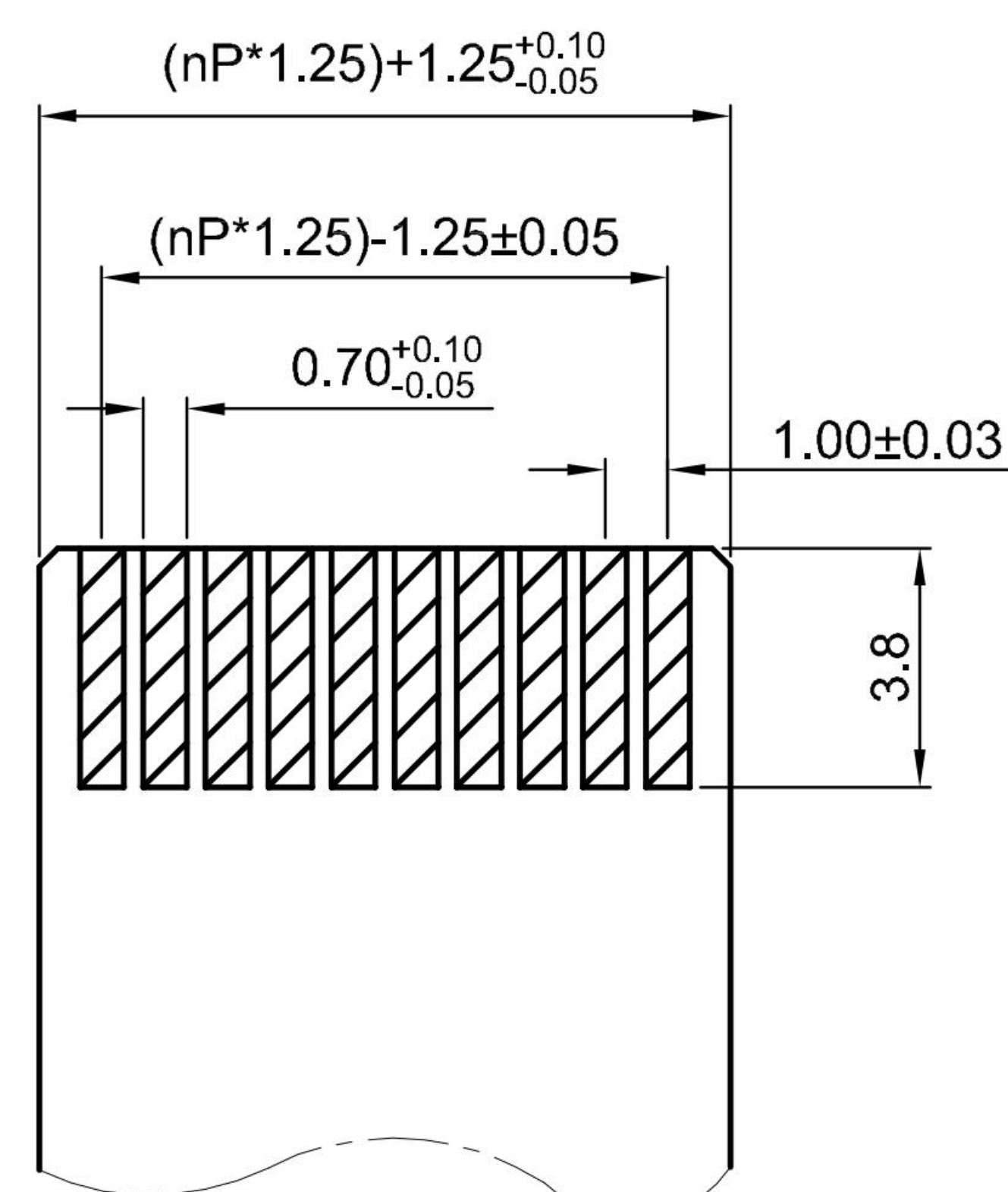
2

3

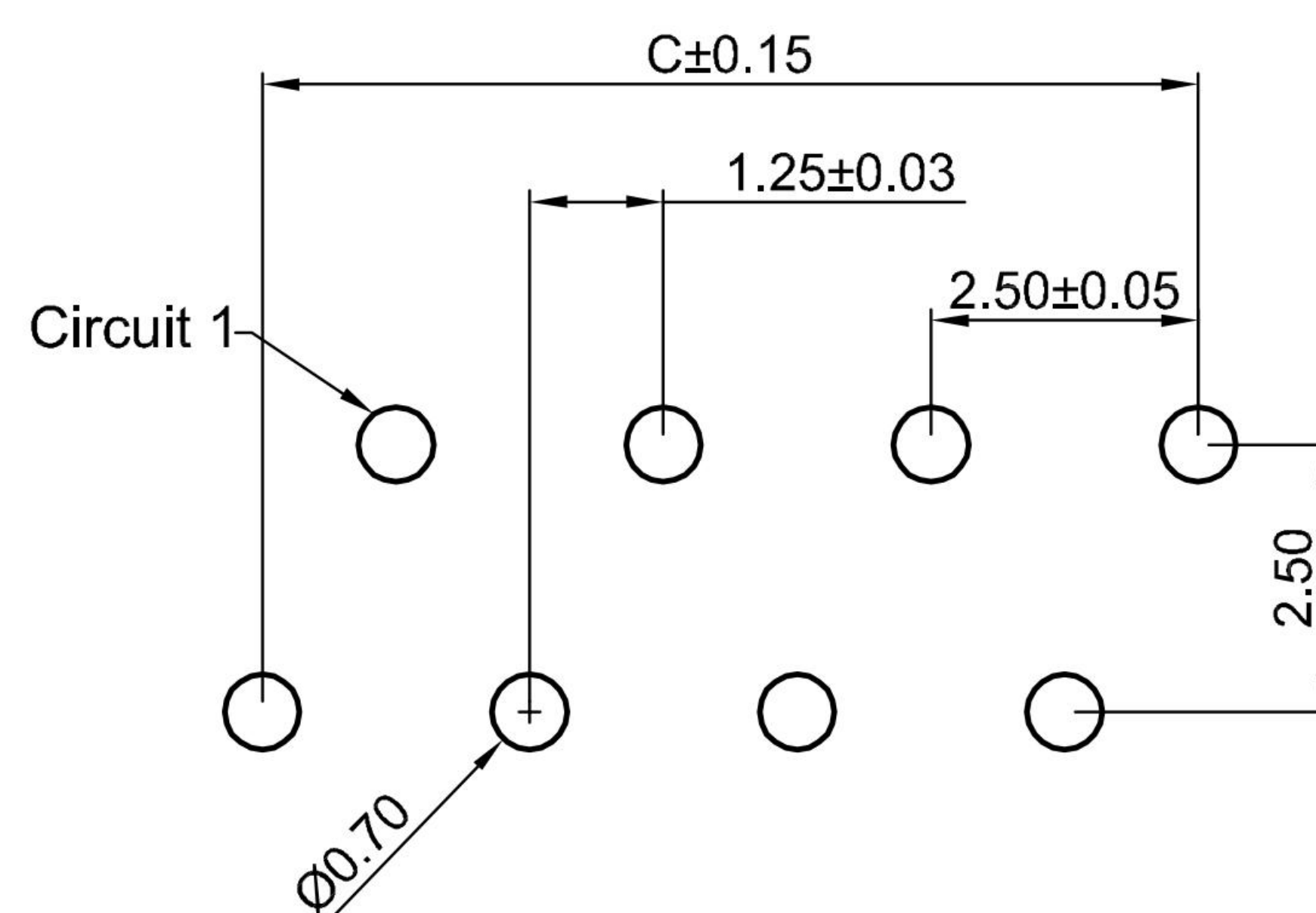
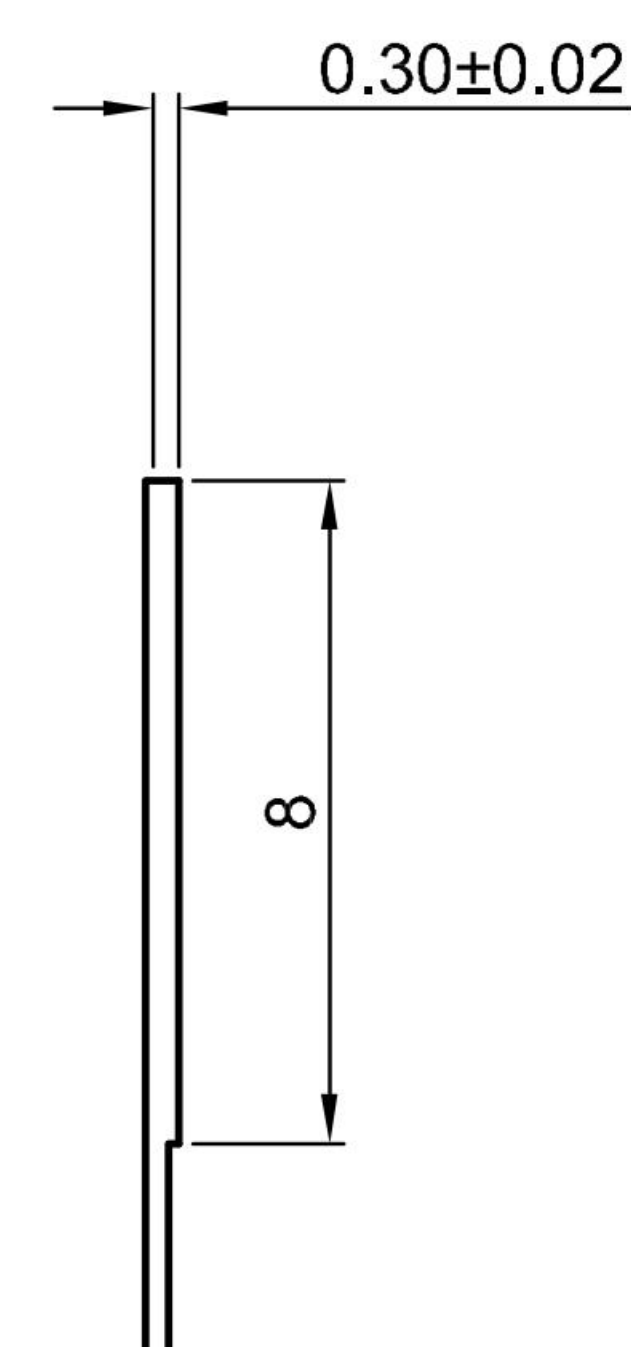
3

4

4



PROPER CABLE



RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05

### Ordering Information:

| Circuit | Dimensions(mm) |       |       | Circuit | Dimensions(mm) |       |       | Circuit | Dimensions(mm) |       |       |
|---------|----------------|-------|-------|---------|----------------|-------|-------|---------|----------------|-------|-------|
|         | A              | B     | C     |         | A              | B     | C     |         | A              | B     | C     |
| 04      | 8.00           | 6.40  | 3.75  | 17      | 24.25          | 22.65 | 20.00 | 30      | 40.50          | 38.90 | 36.25 |
| 05      | 9.25           | 7.65  | 5.00  | 18      | 25.50          | 23.90 | 21.25 | 31      | 41.75          | 40.15 | 37.50 |
| 06      | 10.50          | 8.90  | 6.25  | 19      | 26.75          | 25.15 | 22.50 | 32      | 43.00          | 41.40 | 38.75 |
| 07      | 11.75          | 10.15 | 7.50  | 20      | 28.00          | 26.40 | 23.75 | 33      | 44.25          | 42.65 | 40.00 |
| 08      | 13.00          | 11.40 | 8.75  | 21      | 29.25          | 27.65 | 25.00 | 34      | 45.50          | 43.90 | 41.25 |
| 09      | 14.25          | 12.65 | 10.00 | 22      | 30.50          | 28.90 | 26.25 | 35      | 46.75          | 45.15 | 42.50 |
| 10      | 15.50          | 13.90 | 11.25 | 23      | 31.75          | 30.15 | 27.50 | 36      | 48.00          | 46.40 | 43.75 |
| 11      | 16.75          | 15.15 | 12.50 | 24      | 33.00          | 31.40 | 28.75 | 37      | 49.25          | 47.65 | 45.00 |
| 12      | 18.00          | 16.40 | 13.75 | 25      | 34.25          | 32.65 | 30.00 | 38      | 50.50          | 48.90 | 46.25 |
| 13      | 19.25          | 17.65 | 15.00 | 26      | 35.50          | 33.90 | 31.25 | 39      | 51.75          | 50.15 | 47.50 |
| 14      | 20.50          | 18.90 | 16.25 | 27      | 36.75          | 35.15 | 32.50 | 40      | 53.00          | 51.40 | 48.75 |
| 15      | 21.75          | 20.15 | 17.50 | 28      | 38.00          | 36.40 | 33.75 | ---     | ---            | ---   | ---   |
| 16      | 23.00          | 21.40 | 18.75 | 29      | 39.25          | 37.65 | 35.00 | ---     | ---            | ---   | ---   |

SCALE: 1:1 UNIT: mm  
SIZE: A4 Title:

Title: FPC Pitch 1.25mm 180° DIP Double Row  
Double Sided Welding

Unless otherwise  
General Tolerance:  
Molde Code:

X ±0.40  
X.x ±0.30  
X.xx ±0.20  
X° ±5°  
X.x° ±3°

Molde Code: GT-F1251DV55-XXXXX01

|       |         |          |            |
|-------|---------|----------|------------|
| DRAWN | CHECKED | APPROVED | DATE       |
| Jiang | Hu      | Chen     | 2022.11.18 |

品赞科技®  
**b-Switch**  
www.dg-switch.com

REV: A0 SHEET: 1/1

5

5

|     |           |                 |            |
|-----|-----------|-----------------|------------|
| 2   | CONTACT   | PHOSPHOR BRONZE | BRIGHT Tin |
| 1   | HOUSING   | PA6T,94V-0      | BLACK      |
| NO. | PART NAME | MATERIAL        | REMARK     |

A

B

C

D

E