

1

2

3

4

5

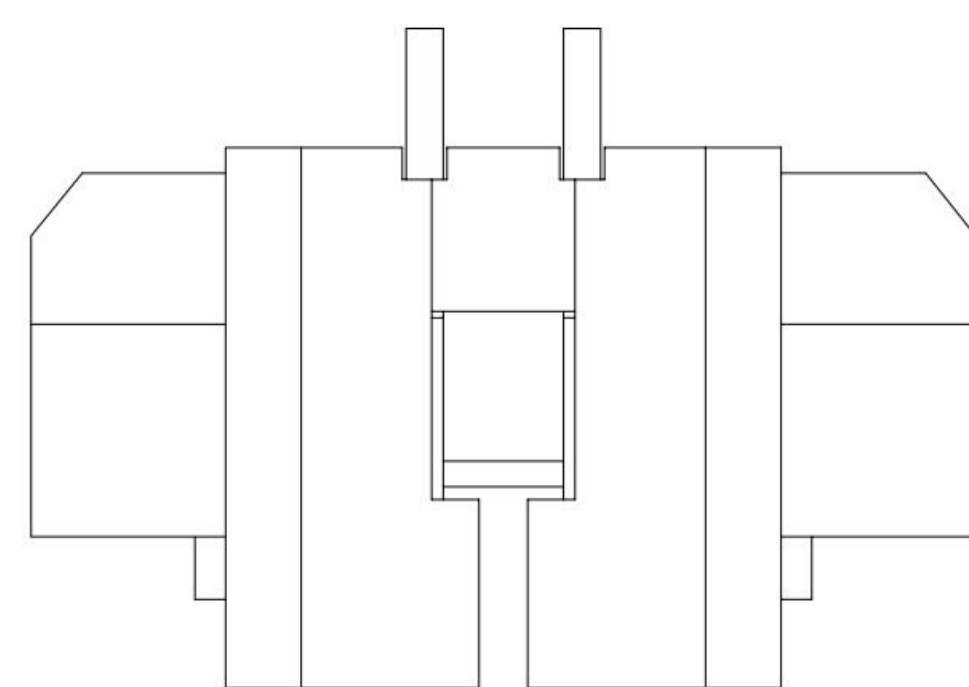
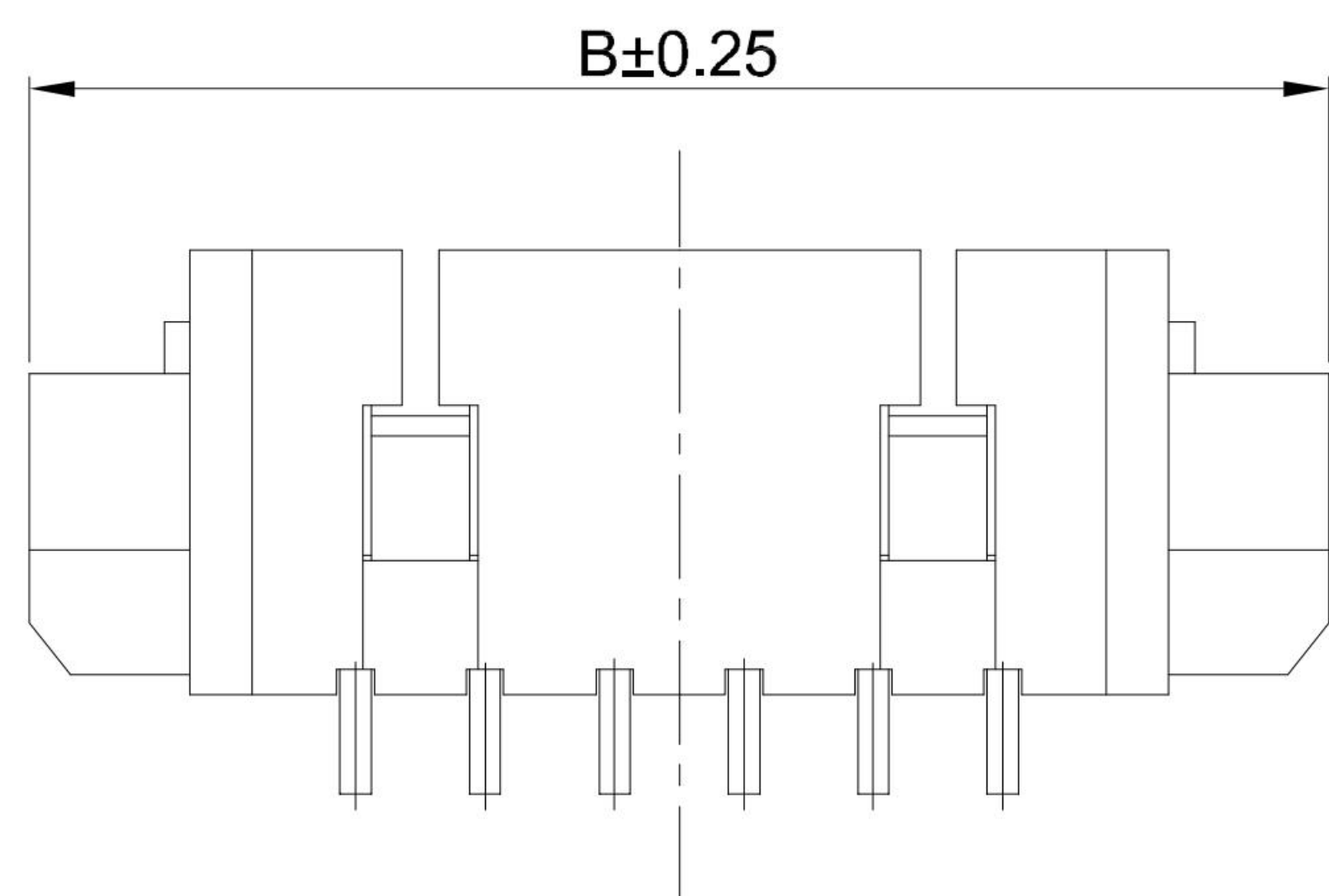
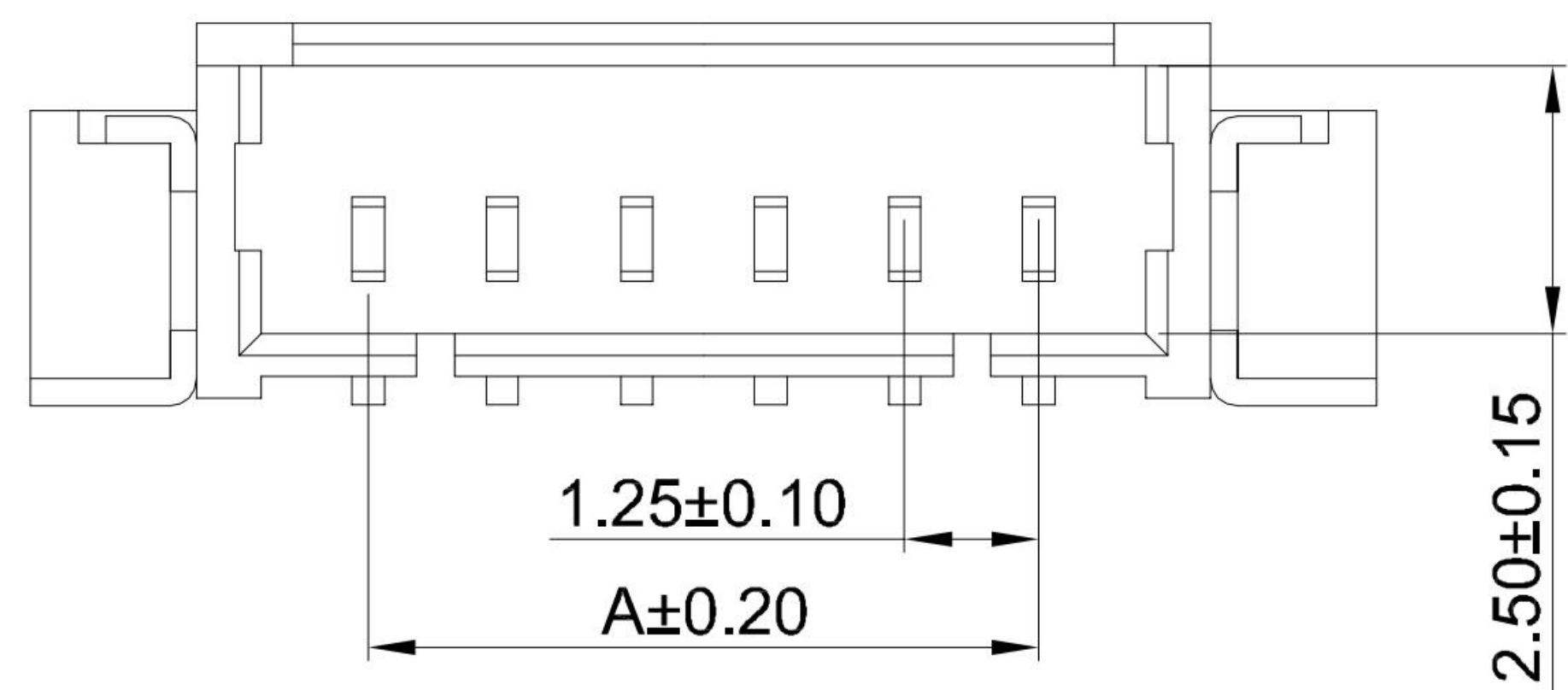
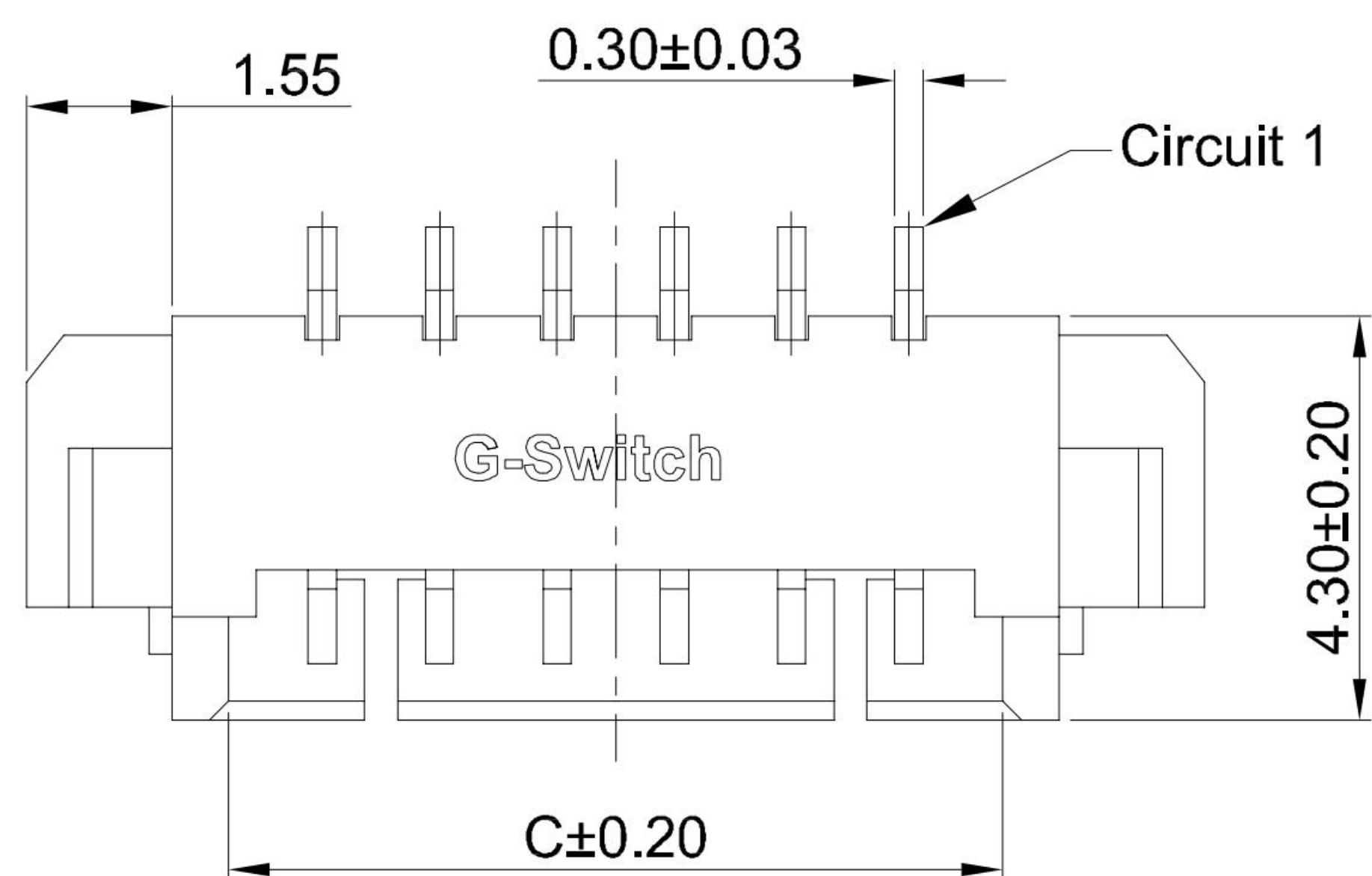
A

B

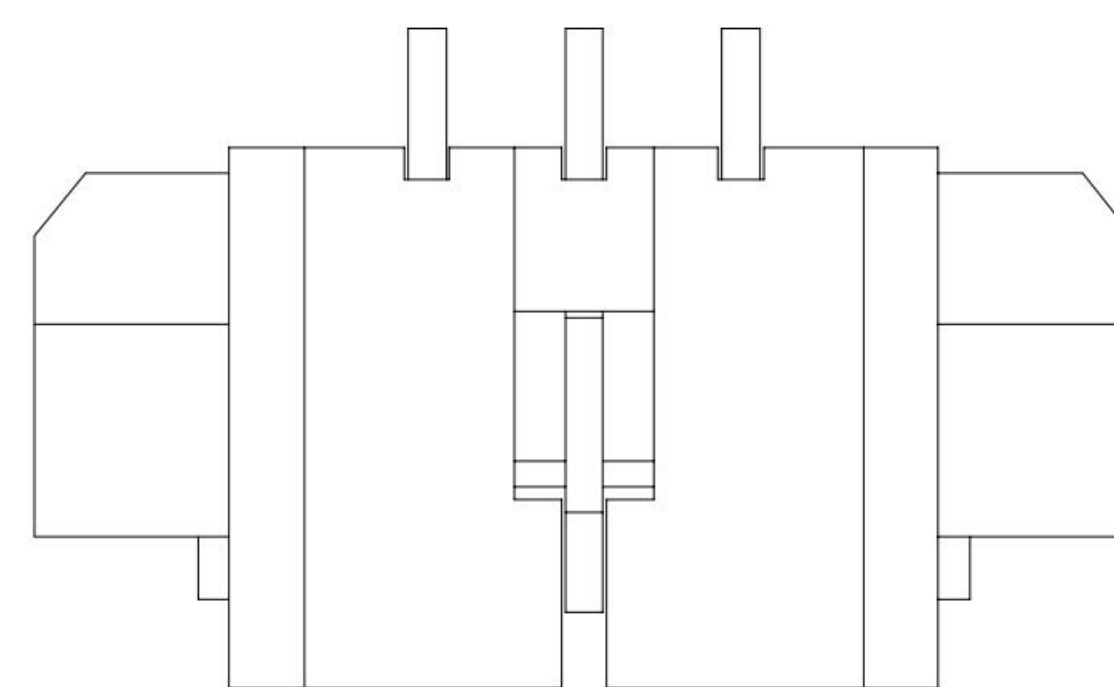
C

D

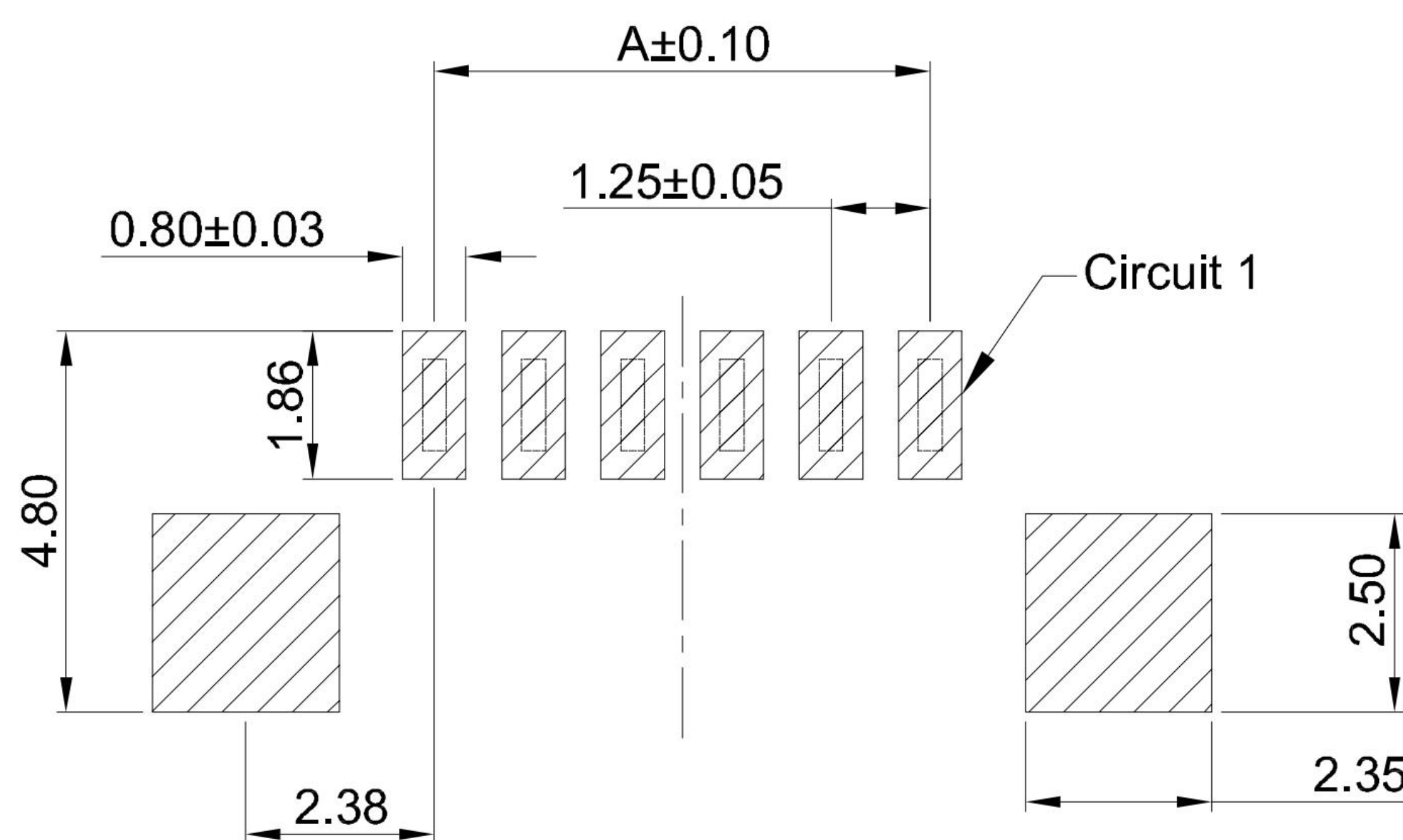
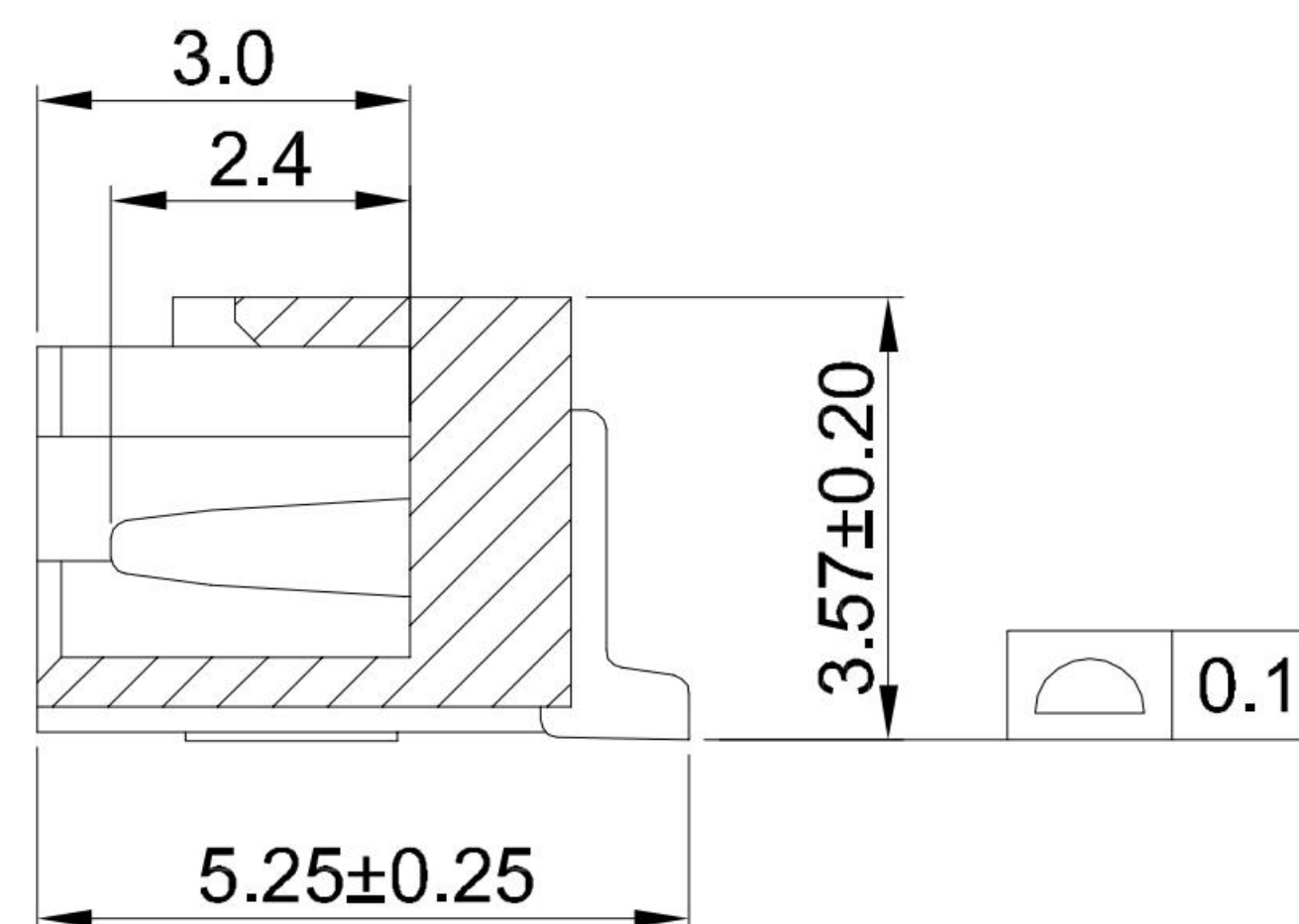
E



2PIN



3PIN



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

G-Switch Specification:

- 1.Current rated: 1.0A AC/DC
- 2.Voltage rating: 125V AC/DC
- 3.Withstanding voltage: 250V AC
- 4.Contact resistance: 20mΩ max.
- 5.Insulation resistance: 100MΩ min
- 6.Durability cycle: 50Cycles
- 7.Removal force: 0.50kgf/Pin min
- 8.Operating temperature range: -25°C ~ +85°C



GT-A1251 W R S-1 XX X XX 01

G-Switch

Series No

Connector
W-Wafer

Angle
R-90°

Termipoint
S-SMT

Terminal Plating
BT-Bright Tin

Housing Colour
S-Nature

Pin Q' PY
02~16

Row NO
1-Single Row

Ordering Information:

Circuit	Dimension(mm)			Circuit	Dimension(mm)		
	A	B	C		A	B	C
02	---	7.55	3.10	10	11.25	17.55	13.10
03	2.50	8.80	4.35	11	12.50	18.80	14.35
04	3.75	10.05	5.60	12	13.75	19.05	15.60
05	5.00	11.30	6.85	13	15.00	21.30	16.85
06	6.25	12.55	8.10	14	16.25	22.55	18.10
07	7.50	13.80	9.35	15	17.50	23.80	19.35
08	8.75	15.05	10.60	16	18.75	25.05	20.60
09	10.00	16.30	11.85	---	---	---	---

3	SOLDER TABS	BRASS	BRIGHT Tin
2	CONTACT	BRASS	BRIGHT Tin
1	HOUSING	LCP,94V-0	NATURE
NO.	PART NAME	MATERIAL	REMARK

A

B

C

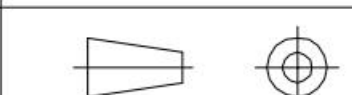
D

E

SCALE: 1:1

UNIT: mm

SIZE: A4



Title: Wafer 1.25mm Pitch 90° SMT Type
Single Row Connector

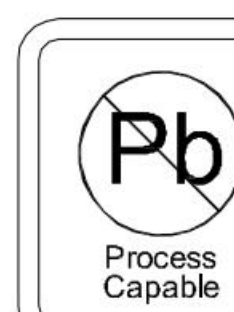
Molde Code: GT-A1251WRS-1XXXXX01

DRAWN CHECKED APPROVED DATE

Hu Chen Chen 2022.12.28

Unless otherwise
General Tolerance:

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



RoHS
Compliant
EU RoHS Standards



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b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1

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