

1

2

3

4

5

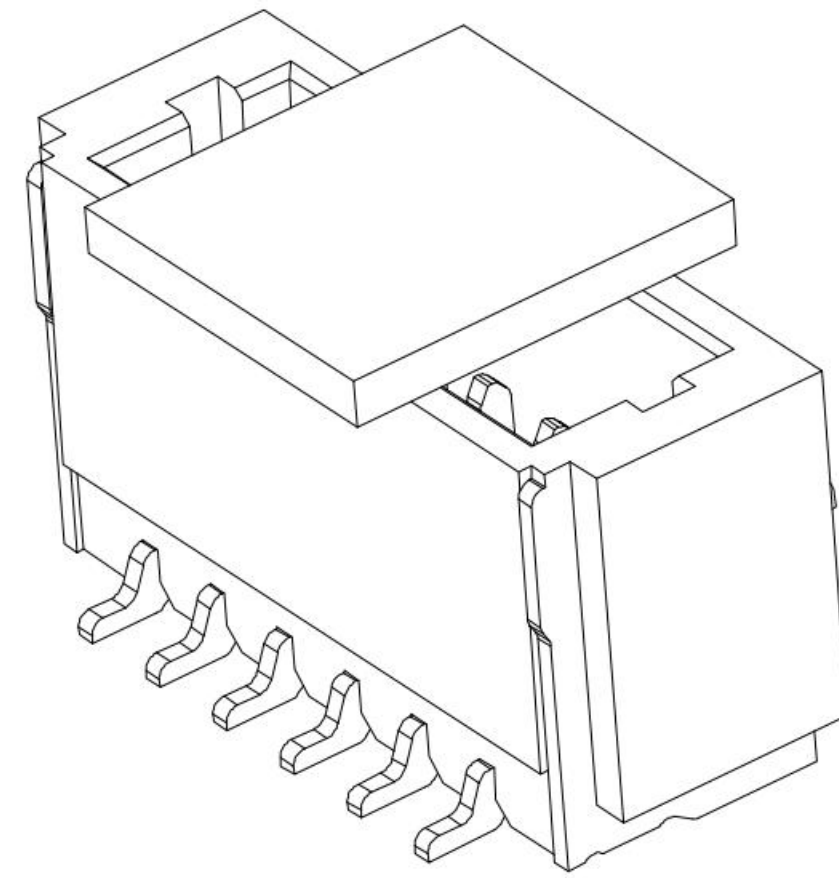
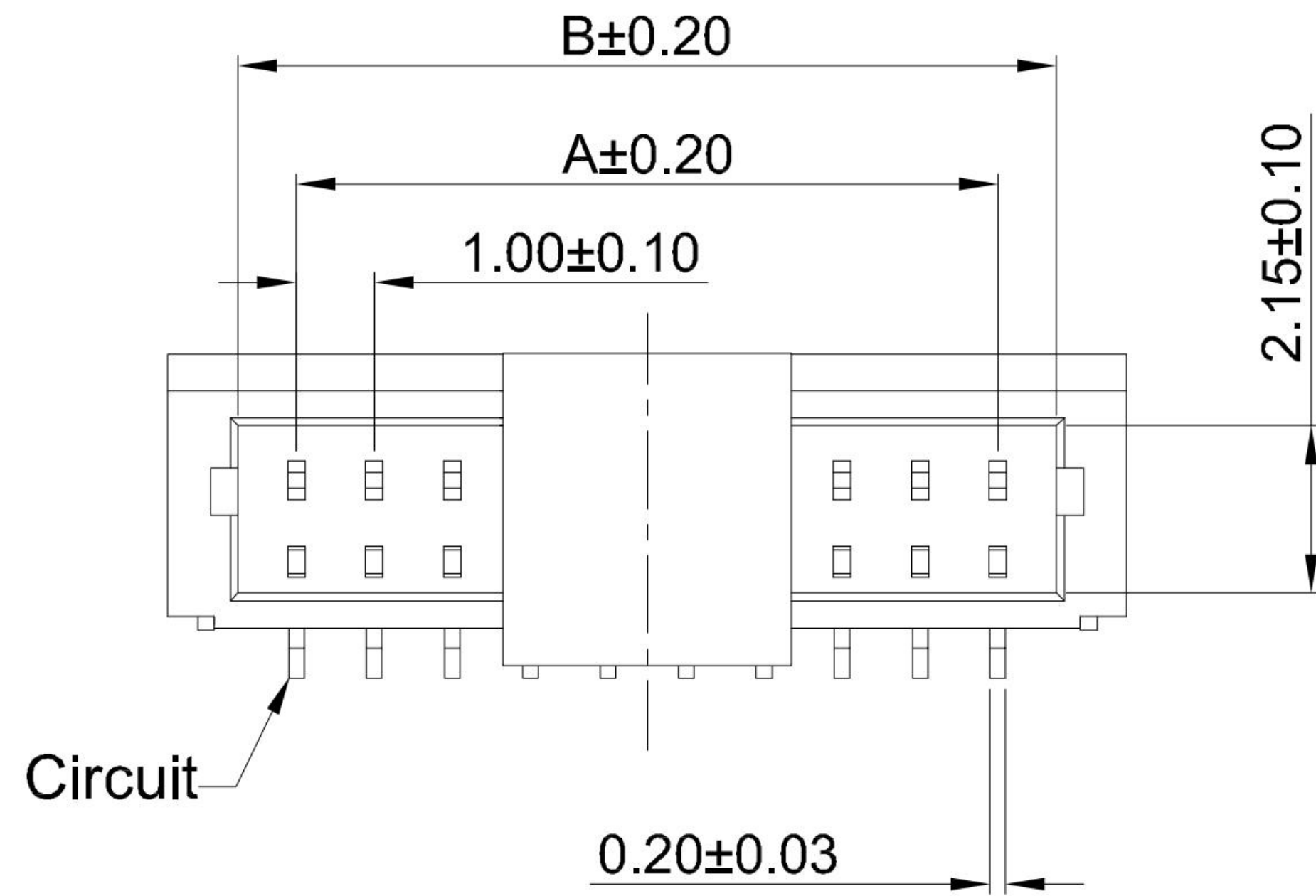
A

B

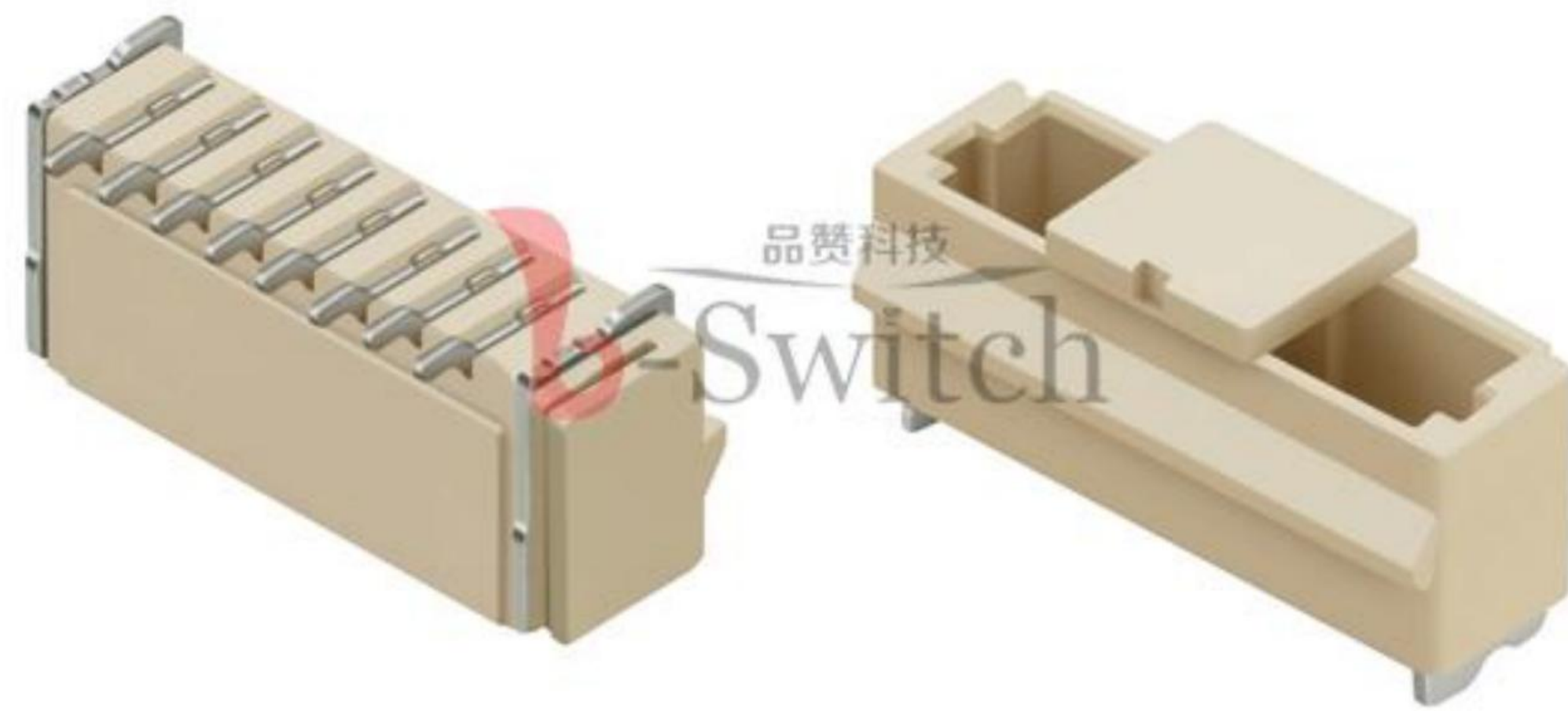
C

D

E

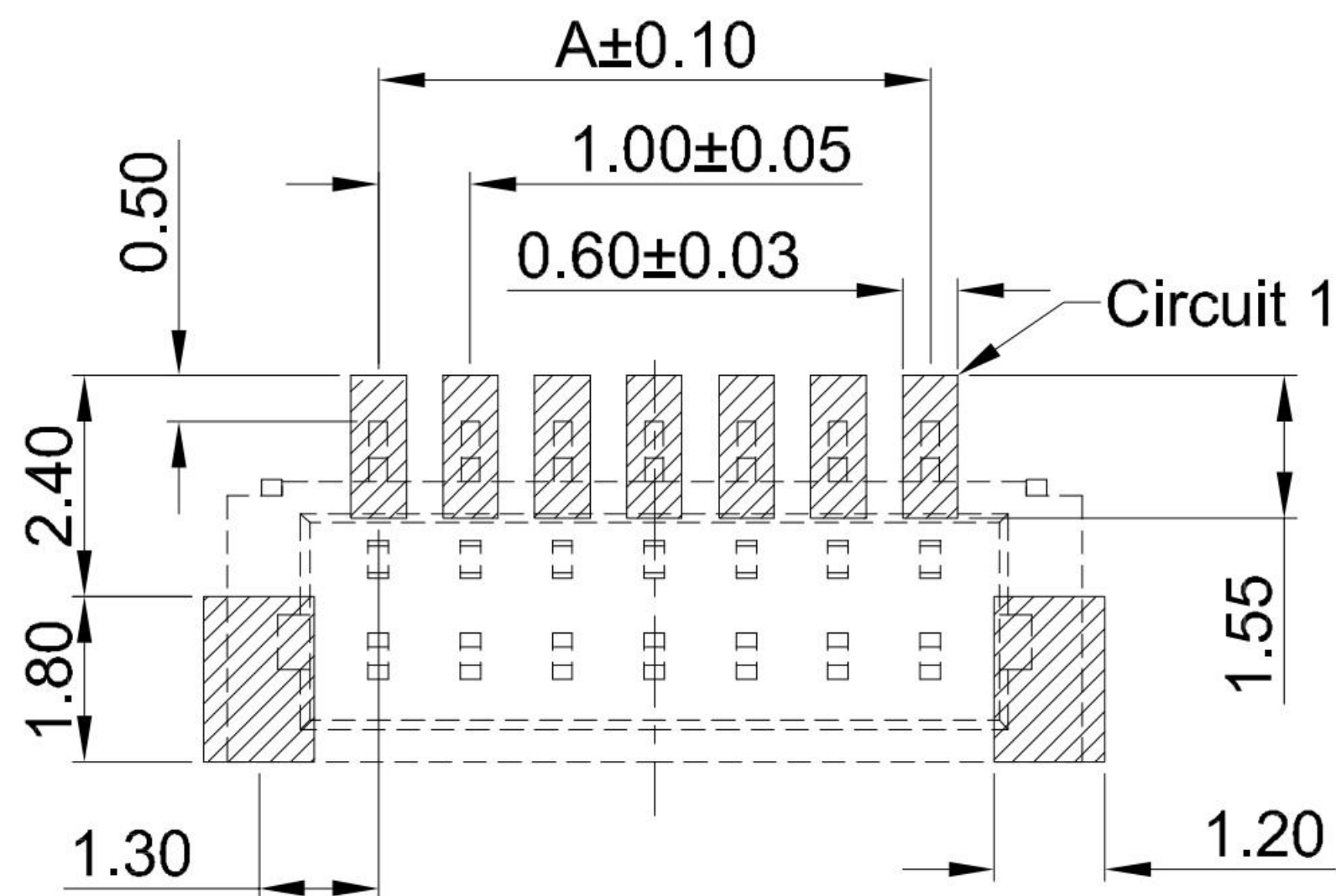
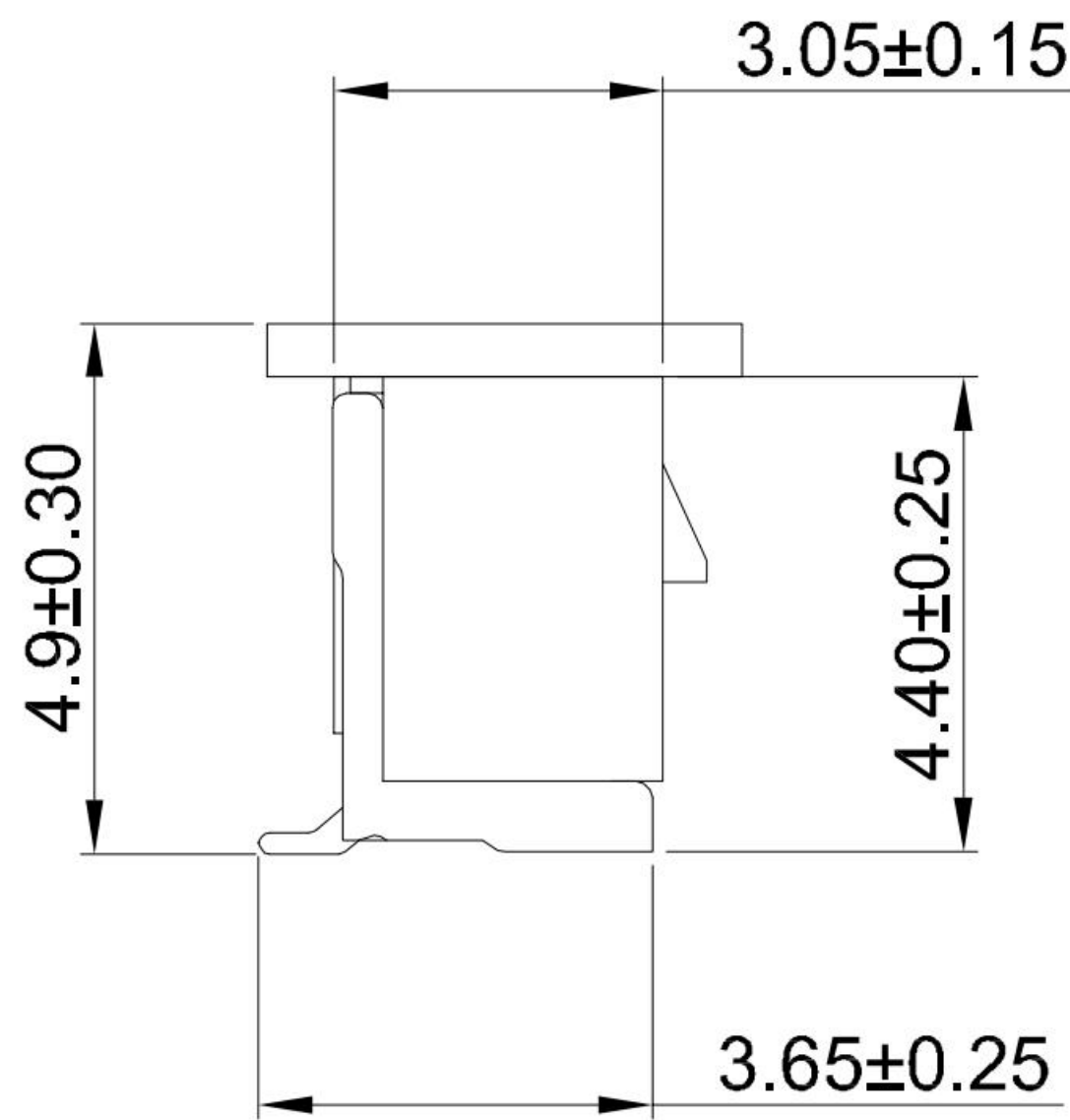
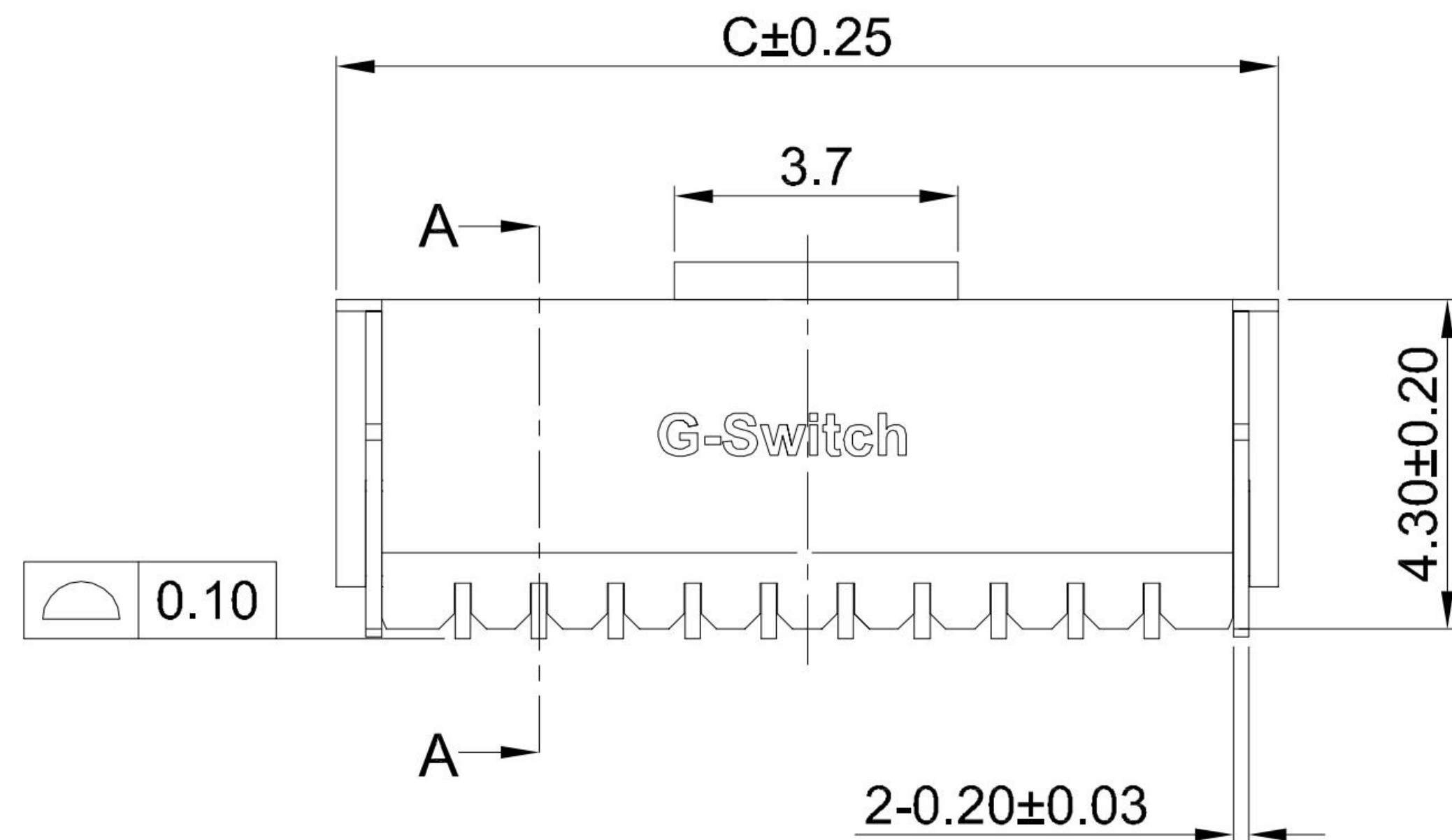


- G-Switch Specification:**
- 1.Current rated: 1.0A AC/DC
 - 2.Voltage rating: 50V AC/DC
 - 3.Withstanding voltage: 500V AC
 - 4.Contact resistance: 20mΩ max.
 - 5.Insulation resistance: 100MΩ min
 - 6.Durability cycle: 50Cycles
 - 7.Removal force: 0.50kgf/Pin min
 - 8.Operating temperature range: -25°C ~ +85°C

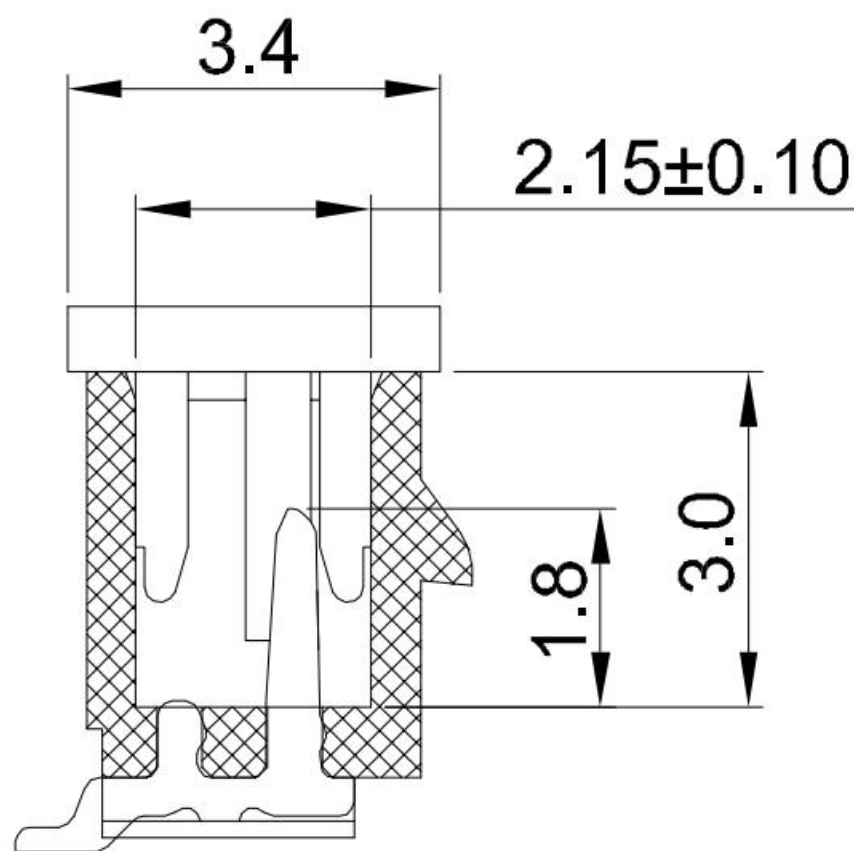


GT-A1002 W V S 1-1 XX X XX 01

- G-Switch**
- Series No**
- Connector**
W-Wafer
- Angle**
V-180°
- Termipoint**
S-SMT
- Terminal Plating**
BT-Bright Tin
11-All G/F
- Housing Colour**
S-Nature
- Pin Q' PY**
02~20
- Row NO**
1-Single row
- Type**
1-Type 1



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



SECTION:A-A

Ordering Information:

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	2.50	4.20	12	11.00	12.50	14.20
03	2.00	3.50	5.20	13	12.00	13.50	15.20
04	3.00	4.50	6.20	14	13.00	14.50	16.20
05	4.00	5.50	7.20	15	14.00	15.50	17.20
06	5.00	6.50	8.20	16	15.00	16.50	18.20
07	6.00	7.50	9.20	17	16.00	17.50	19.20
08	7.00	8.50	10.20	18	17.00	18.50	20.20
09	8.00	9.50	11.20	19	18.00	19.50	21.20
10	9.00	10.50	12.20	20	19.00	20.50	22.20
11	10.00	11.50	13.20	---	---	---	---

4	SOLDER TABS	BRASS	BRIGHT Tin
3	CONTACT	BRASS	BRIGHT Tin / All G/F
2	CAP	LCP,94V-0	NATURE
1	HOUSING	LCP,94V-0	NATURE
NO.	PART NAME	MATERIAL	REMARK



SCALE: 1:1	UNIT: mm	Title: Wafer 1.00mm Pitch 180° SH SMT With Lock Type Connector			
SIZE: A4		Molde Code: GT-A1002WVS1-1XXXXX01			
Unless otherwise General Tolerance: X ±0.40 X.x ±0.30 X.xx ±0.20 X° ±5° X.x° ±3°		DRAWN	CHECKED	APPROVED	DATE
		Hu	Hu	Chen	2021.10.20



REV: A0 SHEET: 1/1