

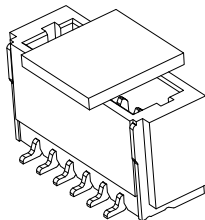
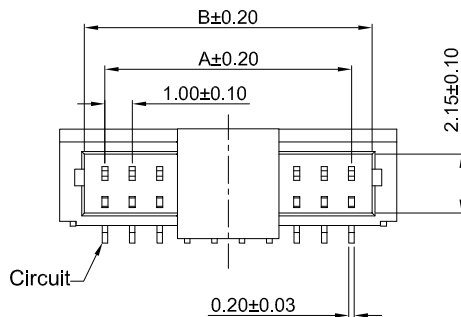
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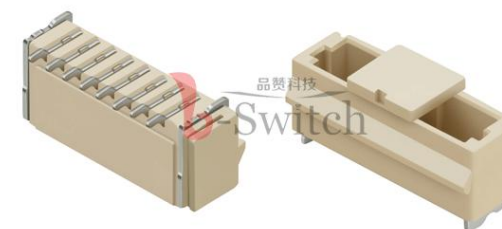
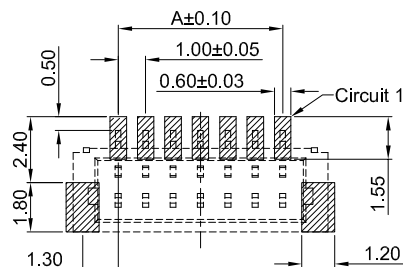
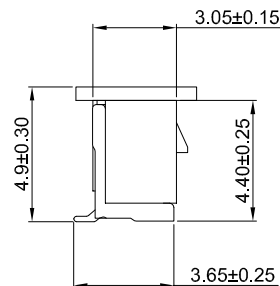
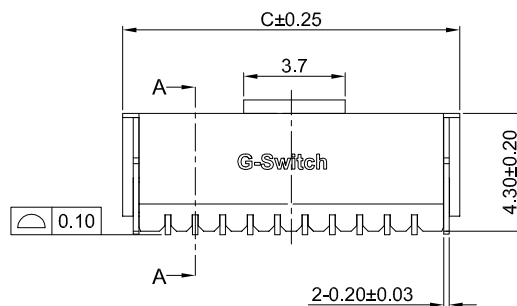
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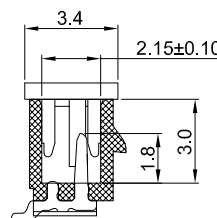
5

**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

PCB REFERENCE DIAGRAM
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

SIZE: A4

Unless otherwise

General Tolerance:

X ±0.40

X.x ±0.30

X.xx ±0.20

X° ±5°

X.x° ±3°

Title: Wafer 1.00mm Pitch 180° SH SMT
With Lock Type Connector

Molde Code: GT-A1002WVS1-1XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2021.10.20

品赞科技
b-Switch
www.dg-switch.com

REV: A0

SHEET: 1/1