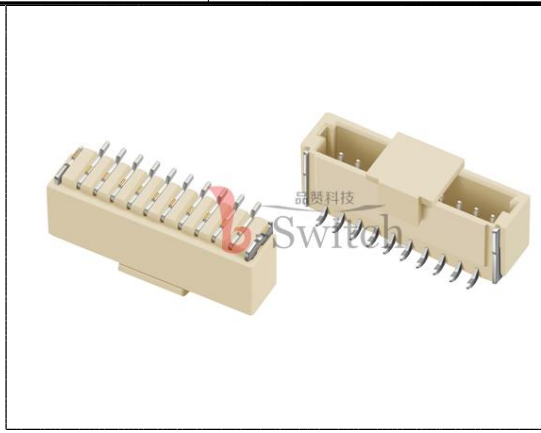
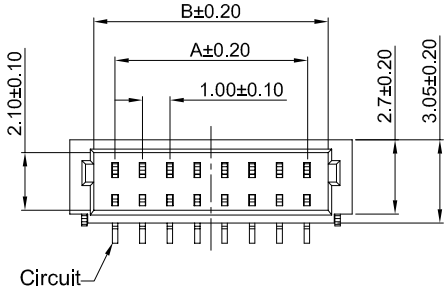
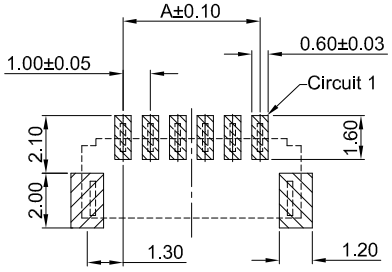


G-Switch Specification:

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



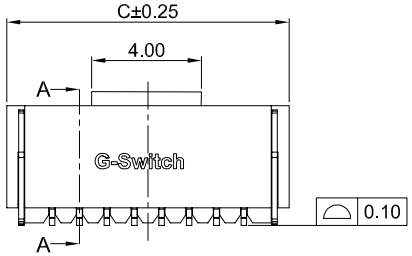


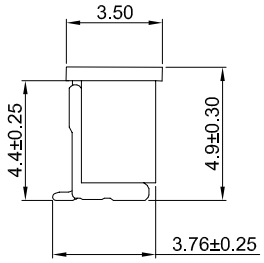


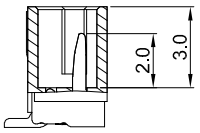
PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

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

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







SECION:A-A

Ordering Information:

Circuit	Dimensions(mm) A	B	C	Circuit	Dimensions(mm) 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	—	--	--	--

NO.	PART NAME	MATERIAL	REMARK
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

Pb Process Capable | RoHS Compliant EU RoHS Standards | Compliant Halogen Free

SCALE: 1:1	UNIT: mm	Title: Wafer 1.00mm Pitch 180° SH SMT Type Connector	
SIZE: A4			
Unless otherwise General Tolerance:		Model Code: GT-A1002WVS-1XXXXX01	
X ±0.40			
X.x ±0.30			
X.xx ±0.20			
X° ±5°			
X.x° ±3°			

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