

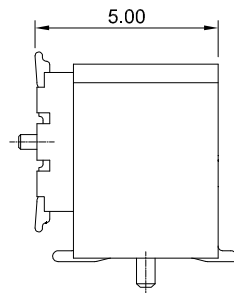
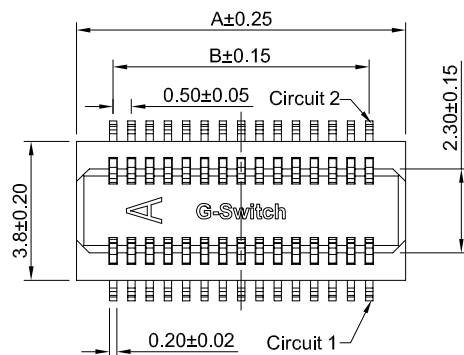
A

B

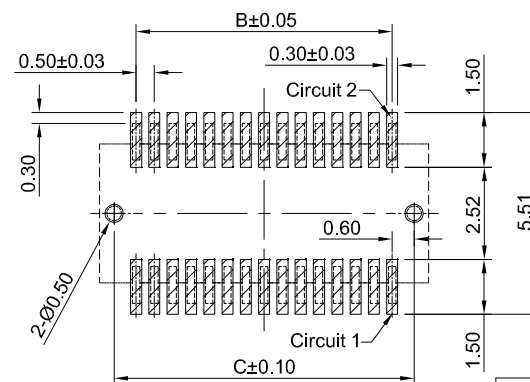
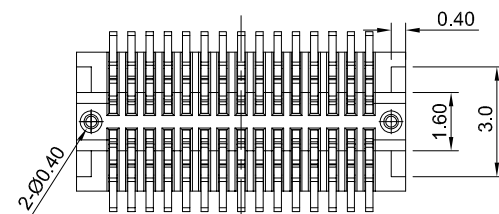
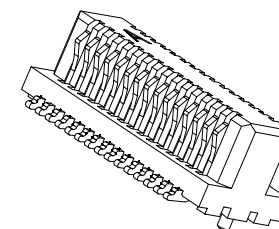
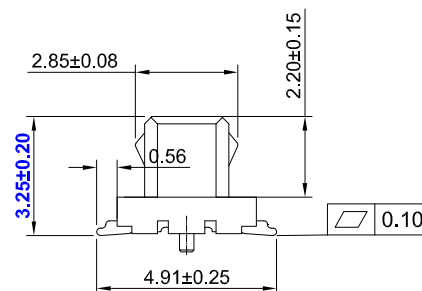
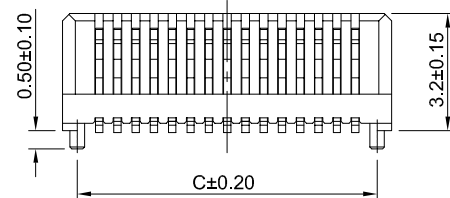
C

D

E



MATING HEIGHT

PCB REFERENCE DIAGRAM
TOLERANCE:±0.05**G-Switch Specification:**

- 1.Current rated: 0.5A AC/DC
- 2.Voltage rating: 60V AC/DC
- 3.Withstanding voltage: 500V AC
- 4.Contact resistance: 60mΩ Max.
- 5.Insulation resistance: 800MΩ min
- 6.Durability cycle: 30 Cycles
- 7.Removal force: 0.03kgf/Pin min
- 8.Operating temperature range: -25°C ~ +85°C



GT-B0503 M S V 32 -XX X XX 01

G-Switch

Series No

M-Male

Termipoint
S-SMTAngle
V-180°Terminal Plating
11-ALL G/FHousing Colour
S-NaturePin Q' PY
10~80Height
32-3.25mm**Ordering Information:**

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
4	2.50	0.50	1.70	32	9.50	7.50	8.70
6	3.00	1.00	2.20	34	10.00	8.00	9.20
8	3.50	1.50	2.70	36	10.50	8.50	9.70
10	4.00	2.00	3.20	38	11.00	9.00	10.20
12	4.50	2.50	3.70	40	11.50	9.50	10.70
14	5.00	3.00	4.20	42	12.00	10.00	11.20
16	5.50	3.50	4.70	44	12.50	10.50	11.70
18	6.00	4.00	5.20	46	13.00	11.00	12.20
20	6.50	4.50	5.70	48	13.50	11.50	12.70
22	7.00	5.00	6.20	50	14.00	12.00	13.20
24	7.50	5.50	6.70	52	14.50	12.50	13.70
26	8.00	6.00	7.20	60	16.50	14.50	15.70
28	8.50	6.50	7.70	70	19.00	17.00	18.20
30	9.00	7.00	8.20	80	21.50	19.50	20.70

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: BTB 0.50mm Pitch 180° Dual Rows
SMT Type Mate Connector

Molde Code: GT-B0503MSV32-XXXXX01

DRAWN CHECKED APPROVED DATE

Hu Chen Chen 2022.12.28

品赞科技
www.dg-switch.com

REV: A0

SHEET: 1/1

2	CONTACT	PHOSPHOR BRONZE	ALL G/F
1	HOUSING	LCP,94V-0	NATURE
NO.	PART NAME	MATERIAL	REMARK