

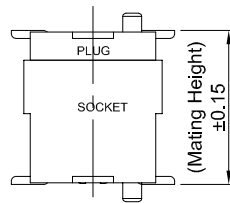
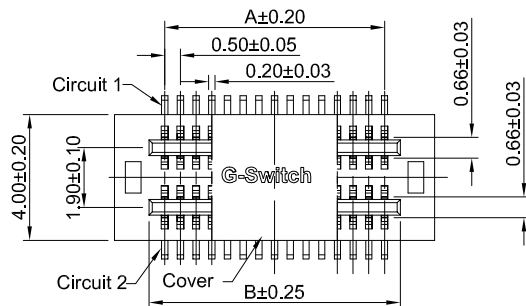
A

B

C

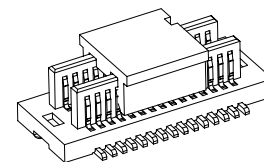
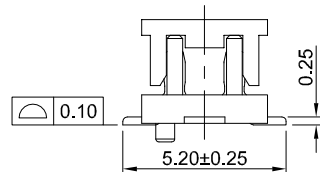
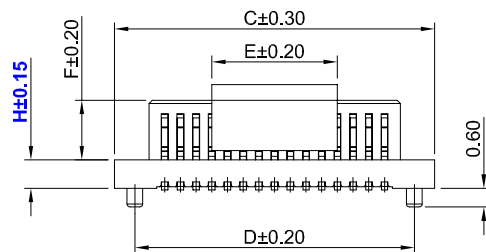
D

E



MATING HEIGHT

MATING HEIGHT	PLUG (H.mm)	SOCKET (H.mm)
3.0	0.8	2.2
3.5	1.3	2.2
4.0	1.0	3.0
4.5	1.0	3.5
5.0	1.0	4.0
5.5	1.0	4.5
6.0	2.0	4.0
6.5	2.0	4.5



GT-B0501 M S V XX -XX X XX 01

G-Switch

Series No

M-Male

Termipoint
S-SMTAngle
V-180°Terminal Plating
11-All G/FHousing Colour
B-BlackPin Q' PY
08~100Height
08-0.80mm,F=1.60
10-1.00mm,F=1.90
13-1.30mm,F=1.60
20-2.00mm,F=1.90

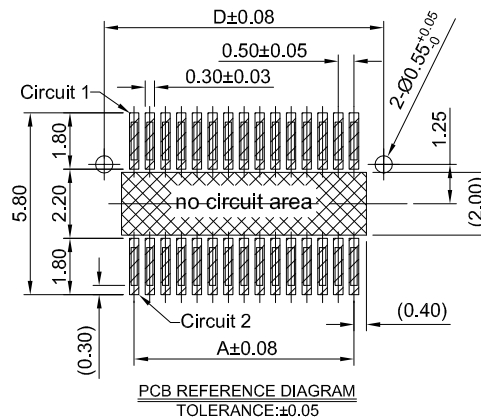
G-Switch Specification:

- 1.Current rated: 0.5A AC/DC
- 2.Voltage rating: 50V AC/DC
- 3.Withstanding voltage: 500V AC
- 4.Contact resistance: 40mΩ Max.
- 5.Insulation resistance: 800MQ min
- 6.Durability cycle: 30 Cycles
- 7.Removal force: 0.03kgf/Pin min
- 8.Operating temperature range: -45°C ~ +105°C

3	CONTACT	PHOSPHOR BRONZE	ALL G/F
2	COVER	PA9T,94V-0	BLACK
1	HOUSING	PA9T,94V-0	BLACK
NO.	PART NAME	MATERIAL	REMARK

Ordering Information:

Circuit	Dimensions(mm)					Circuit	Dimensions(mm)				
	A	B	C	D	E		A	B	C	D	E
08	1.50	2.50	4.70	3.40	4.00	40	9.50	10.50	12.70	11.40	8.00
10	2.00	3.00	5.20	3.90		42	10.00	11.00	13.20	11.90	
12	2.50	3.50	5.70	4.40		44	10.50	11.50	13.70	12.40	
14	3.00	4.00	6.20	4.90		46	11.00	12.00	14.20	12.90	
16	3.50	4.50	6.70	5.40		50	12.00	13.00	15.20	13.90	
18	4.00	5.00	7.20	5.90		52	12.50	13.50	15.70	14.40	
20	4.50	5.50	7.70	6.40		54	13.00	14.00	16.20	14.90	
22	5.00	6.00	8.20	6.90		56	13.50	14.50	16.70	15.40	
24	5.50	6.50	8.70	7.40		60	14.50	15.50	17.70	16.40	
26	6.00	7.00	9.20	7.90		66	16.00	17.00	19.20	17.90	
28	6.50	7.50	9.70	8.40	8.00	70	17.00	18.00	20.20	18.90	
30	7.00	8.00	10.20	8.90		80	19.50	20.50	22.70	21.40	
32	7.50	8.50	10.70	9.40		90	22.00	23.00	25.20	23.90	
34	8.00	9.00	11.20	9.90		100	24.50	25.50	27.70	26.40	
36	8.50	9.50	11.70	10.40		--	--	--	--	--	

PCB REFERENCE DIAGRAM
TOLERANCE:±0.05SCALE: 1:1 UNIT: mm
SIZE: A4Unless otherwise
General Tolerance:
X ±0.40
X.x ±0.30
X.xx ±0.20
X" ±5°
X.x" ±3°Title: BTB 0.50 Pitch 180° Dual Rows SMT
Type Mate Connector

Molde Code: GT-B0501MSVXX-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2022.12.28

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/2

1

2

3

4

5

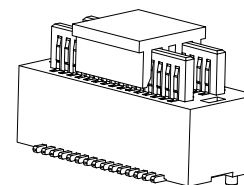
A

B

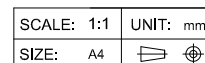
C

D

E



D Ordering Information:

E

Title:	BTB 0.50 Pitch 180° Dual Rows SMT Type Mate Connector
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DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2022.12.28

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NO.	PART NAME	MATERIAL	REMARK

G-Switch

Series No

M-Male .

Termipoint
S-SMT

Angle
V-180°

Terminal Plating

Housing Colour
B-Black

—Pin Q' PY
08~100

— **Height**
40-4 00mm

GT-B0501 M S V XX -XX X XX 01

 品赞科技
www.dq-switch.com