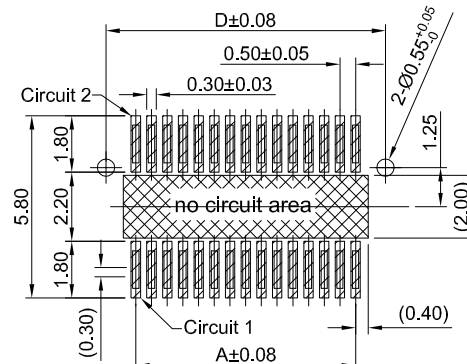
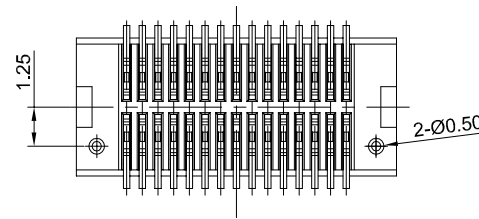
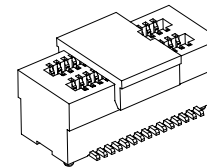
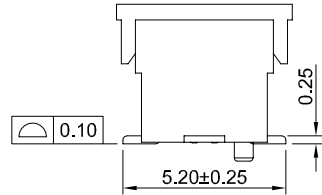
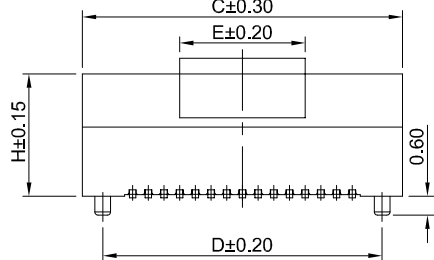


MATING HEIGHT	PLUG (H.mm)	SOCKET (H.mm)
3.0	0.8	2.2
3.5	1.3	2.2
4.0	1.0	3.0
4.5	1.0	3.5
5.0	1.0	4.0
5.5	1.0	4.5
6.0	2.0	4.0
6.5	2.0	4.5
7.0	4.0	3.0
7.5	4.0	3.5
8.0	4.0	4.0
8.5	4.0	4.5



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

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

G-Switch	Terminal Plating 11-All G/F
Series No	Housing Colour B-Black
F-Female	Pin Q' PY 08-100
Termpoint S-SMT	Height 22-2.20mm 30-3.00mm 35-3.50mm 40-4.00mm 45-4.50mm
Angle V-180°	

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: 800MΩ min
- 6.Durability cycle: 30 Cycles
- 7.Removal force: 0.03kgf/Pin min
- 8.Operating temperature range: -45°C ~ +105°C

Ordering Information:

Circuit	Dimensions(mm)					Circuit	Dimensions(mm)				
	A	B	C	D	E		A	B	C	D	E
08	1.50	2.55	4.70	3.40	4.00	40	9.50	10.55	12.70	11.40	8.00
10	2.00	3.05	5.20	3.90		42	10.00	11.05	13.20	11.90	
12	2.50	3.55	5.70	4.40		44	10.50	11.55	13.70	12.40	
14	3.00	4.05	6.20	4.90		46	11.00	12.05	14.20	12.90	
16	3.50	4.55	6.70	5.40		50	12.00	13.05	15.20	13.90	
18	4.00	5.05	7.20	5.90		52	12.50	13.55	15.70	14.40	
20	4.50	5.55	7.70	6.40		54	13.00	14.05	16.20	14.90	
22	5.00	6.05	8.20	6.90		56	13.50	14.55	16.70	15.40	
24	5.50	6.55	8.70	7.40		60	14.50	15.55	17.70	16.40	
26	6.00	7.05	9.20	7.90		66	16.00	17.05	19.20	17.90	
28	6.50	7.55	9.70	8.40		70	17.00	18.05	20.20	18.90	
30	7.00	8.05	10.20	8.90		80	19.50	20.55	22.70	21.40	
32	7.50	8.55	10.70	9.40		90	22.00	23.05	25.20	23.90	
34	8.00	9.05	11.20	9.90		100	24.50	25.55	27.70	26.40	
36	8.50	9.55	11.70	10.40		--	--	--	--	--	

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

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 Female Connector

Molde Code: GT-B0501FSVXX-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2022.12.28



REV: A0 SHEET: 1/1

