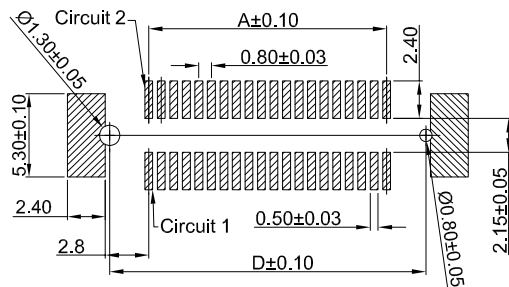
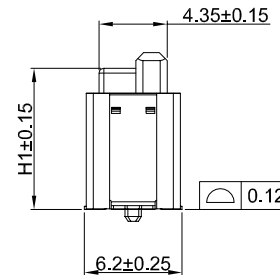
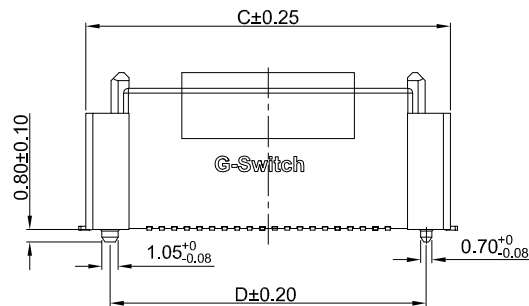
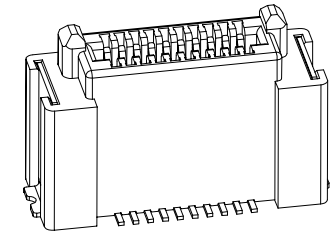
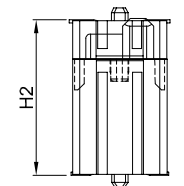


G-Switch Specification:

- 1.Current rated: 0.5A AC/DC
2. Voltage rating:100V AC/DC
- 3.Withstanding voltage: 500V AC
- 4.Contact resistance: 60mΩ Max.
- 5.Insulation resistance: 500MΩ min
- 6.Durability cycle: 50 Cycles
- 7.Removal force: 0.01kgf/Pin min
- 8.Operating temperature range: -40°C ~ +85°C



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



MATING HEIGHT

GT-B0810 F S V XX - XX X XX 02

G-Switch

Series No

F-Female

Termipoint
S-SMT

ANGLE
V-180°

Terminal Plating
01-Gold Flash On
Contact Area

Housing Colour
B-Black

Pin Q' PY
10~120

Height
40-4.00mm
90-9.00mm

MATING HEIGHT(H2)	PLUG (H.mm)	SOCKET (H1.mm)	MATING HEIGHT(H2)	PLUG (H.mm)	SOCKET (H1.mm)
5.00	4.50	4.00	13.00	7.50	9.00
8.00	7.50	4.00	15.00	9.50	9.00
10.00	4.50	9.00	---	---	---
4	CAP	LCP,94V-0	BLACK		
3	SOLDER TABS	BRASS	BRIGHT Tin		
2	CONTACT	PHOSPHOR BRONZE	Gold Flash On Contact Area		
1	HOUSING	LCP,94V-0	BLACK		
NO.	PART NAME	MATERIAL	REMARK		

Ordering Information:

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
10	3.20	4.90	11.30	8.20	50	19.20	20.90	27.30	24.20
12	4.00	5.70	12.10	9.00	60	23.20	24.90	31.30	28.20
16	5.60	7.30	13.70	10.60	70	27.20	28.90	35.30	32.20
20	7.20	8.90	15.30	12.20	80	31.20	32.90	39.30	36.20
24	8.80	10.50	16.90	13.80	100	39.20	40.90	47.30	44.20
30	11.20	12.90	19.30	16.20	120	47.20	48.90	55.30	52.20
40	15.20	16.90	23.30	20.20	140	55.20	56.90	63.30	60.20



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 0.80mm Pitch 180° Dual Rows SMT
Type Female Connector

Molde Code: GT-B0810FSVXX-XXXXX02

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2022,12,28

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1