

MATING HEIGHT



GT-B0803 F S V XX -XX X XX 01

G-Switch

Series No

F-Female

Termipoint
S-SMT

Angle
V-180°

Terminal Plating
04-Au10u"

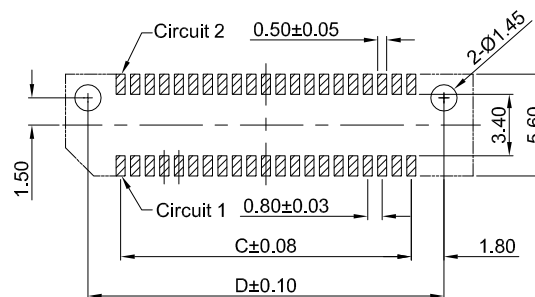
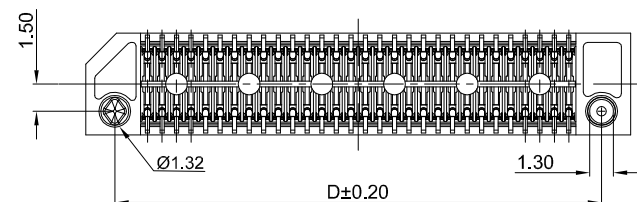
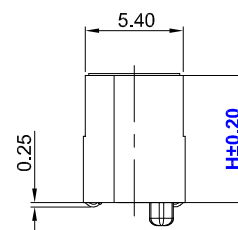
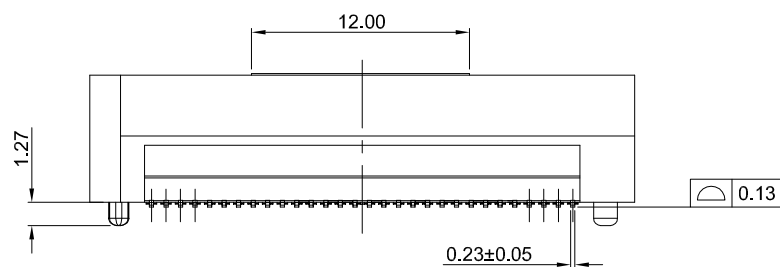
Housing Colour
B-Black

Pin Q' PY
10~200

Height
50-5.10mm
70-7.00mm
90-9.00mm

G-Switch Specification:

- 1.Current rated: 1.4A AC/DC
- 2.Voltage rating: 225V AC/DC
- 3.Withstanding voltage: 675V AC
- 4.Contact resistance: 15mΩ Max.
- 5.Insulation resistance: 5000MΩ min
- 6.Durability cycle: 30 Cycles
- 7.Removal force: 0.01kgf/Pin min
- 8.Operating temperature range: -55°C ~ +125°C



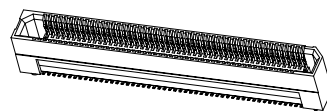
PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

Ordering Information:

Circuit	Dimensions(mm)			
	A	B	C	D
10	10.00	8.32	3.20	6.80
20	14.00	12.32	7.20	10.80
22	14.80	13.12	8.00	11.60
24	15.60	13.92	8.80	12.40
26	16.40	14.72	9.60	13.20
30	18.00	16.32	11.20	14.80
40	22.00	20.32	15.20	18.80
50	26.00	24.32	19.20	22.80
60	30.00	28.32	23.20	26.80
70	34.00	32.32	27.20	30.80
80	38.00	36.32	31.20	34.80
100	46.00	44.32	39.20	42.80
120	54.00	52.32	47.20	50.80
140	62.00	60.32	55.20	58.80
150	66.00	64.32	59.20	62.80
200	86.00	84.32	79.20	82.00

Height	H(mm)
5.00	5.10
7.00	7.00
9.00	9.00

Male(H)	Mated height(mm)			
	Female(H)	Female(H)	Female(H)	Female(H)
2.0	5.00	7.00	9.00	11.00
3.0	8.00	--	--	--
5.0	10.00	12.00	14.00	17.00
8.0	13.00	15.00	17.00	20.00
9.0	14.00	16.00	18.00	21.00



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-B0803FSVXX-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2022.12.28

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1

NO.	PART NAME	MATERIAL	REMARK
2	CONTACT	PHOSPHOR BRONZE	Au10u" ON CONTACT AREA
1	HOUSING	LCP,94V-0	BLACK