

A

B

C

D

E

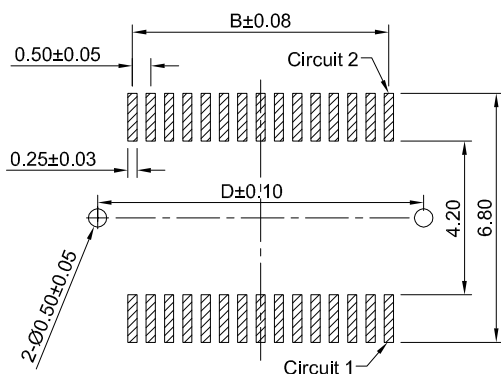
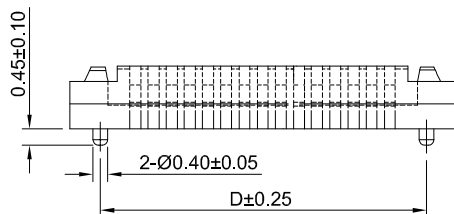
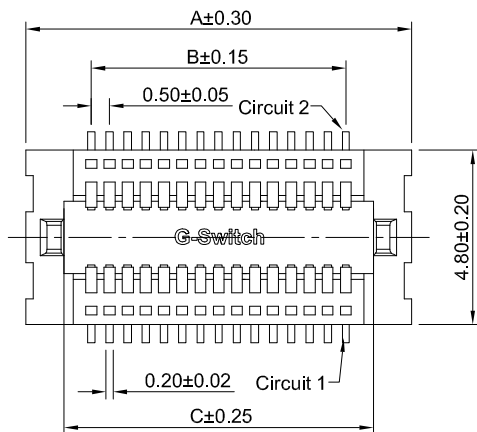
A

B

C

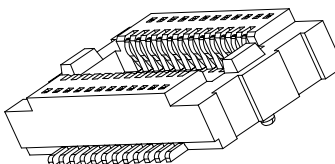
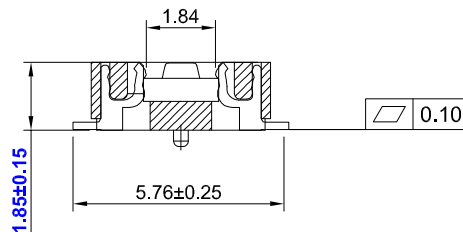
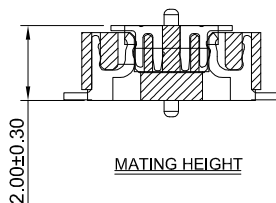
D

E



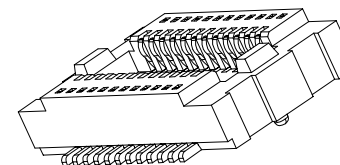
PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

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



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: 500MΩ min
- 6.Durability cycle: 50Cycles
- 7.Removal force: 0.12kgf/Pin min
- 8.Operating temperature range: -40°C ~ +105°C



GT-B0504 F S V 20 -XX X XX 02

G-Switch

Series No

F-Female

Termpoint
S-SMT

Angle
V-180°

Terminal Plating
11-ALL G/F

Housing Colour
S-Nature

Pin Q' PY
10~80

Mating Height
20-2.00mm

Ordering Information:

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
08	5.10	1.50	3.00	3.40	46	14.60	11.00	12.50	12.90
10	5.60	2.00	3.50	3.90	48	15.10	11.50	13.00	13.40
12	6.10	2.50	4.00	4.40	50	15.60	12.00	13.50	13.90
14	6.60	3.00	4.50	4.90	52	16.10	12.50	14.00	14.40
16	7.10	3.50	5.00	5.40	54	16.60	13.00	14.50	14.90
18	7.60	4.00	5.50	5.90	56	17.10	13.50	15.00	15.40
20	8.10	4.50	6.00	6.40	58	17.60	14.00	15.50	15.90
22	8.60	5.00	6.50	6.90	60	18.10	14.50	16.00	16.40
24	9.10	5.50	7.00	7.40	62	18.60	15.00	16.50	16.90
26	9.60	6.00	7.50	7.90	64	19.10	15.50	17.00	17.40
28	10.10	6.50	8.00	8.40	66	19.60	16.00	17.50	17.90
30	10.60	7.00	8.50	8.90	68	20.10	16.50	18.00	18.40
32	11.10	7.50	9.00	9.40	70	20.60	17.00	18.50	18.90
34	11.60	8.00	9.50	9.90	72	21.10	17.50	19.00	19.40
36	12.10	8.50	10.00	10.40	74	21.60	18.00	19.50	19.90
38	12.60	9.00	10.50	10.90	76	22.10	18.50	20.00	20.40
40	13.10	9.50	11.00	11.40	78	22.60	19.00	20.50	20.90
42	13.60	10.00	11.50	11.90	80	23.10	19.50	21.00	21.40
44	14.10	10.50	12.00	12.40	--	--	--	--	--

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
Femate With Plastic Posts Connector

Molde Code: GT-B0504FSV20-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

