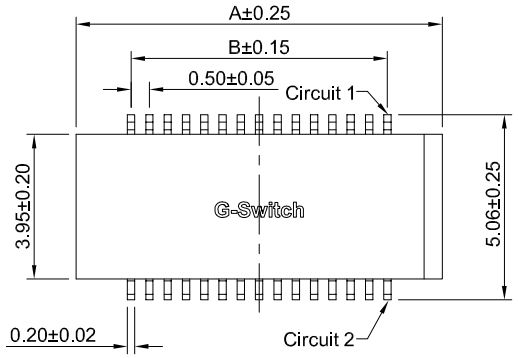
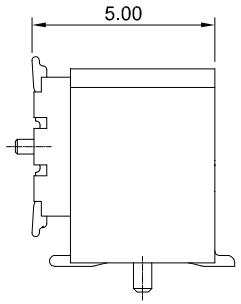
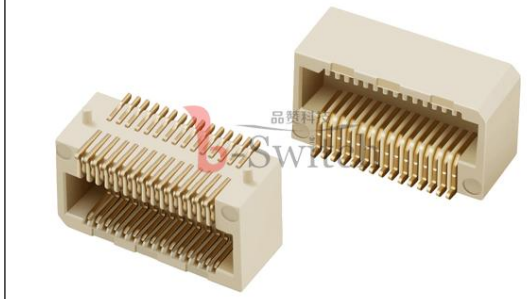




MATING HEIGHT

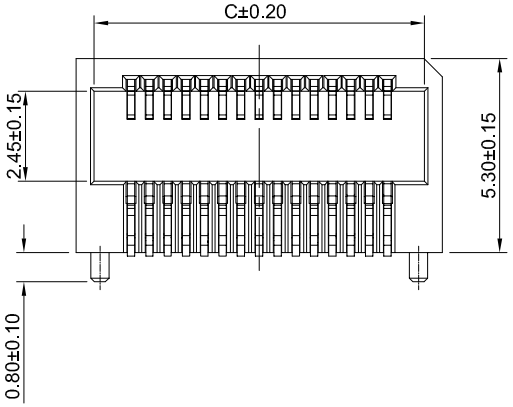
G-Switch Specification:

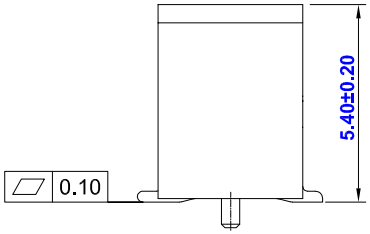
1.Current rated: 0.5A AC/DC
2.Voltage rating: 60V AC/DC
3.Withstanding voltage: 500V AC
4.Contact resistance: 60mΩ Max.
5.Insulation resistance: 800MΩ min
6.Durability cycle: 30 Cycles
7.Removal force: 0.03kgf/Pin min
8.Operating temperature range: -25°C ~ +85°C

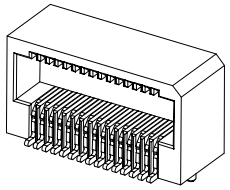


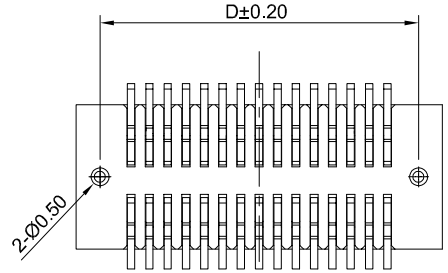
GT-B0503 F S R 54 -XX X XX 01

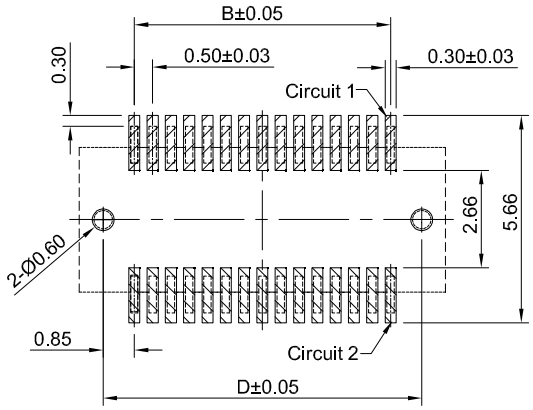
- **G-Switch**
- **Series No**
- **F-Female**
- **Termipoint** S-SMT
- **Angle** R-90°
- **Height** 54-5.40mm
- **Pin Q' PY** 10~80
- **Housing Colour** S-Nature
- **Terminal Plating** 11-ALL G/F











PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

Ordering Information:

Circuit	Dimensions(mm) A	B	C	D	Circuit	Dimensions(mm) A	B	C	D
4	3.50	0.50	2.52	2.20	32	10.50	7.50	9.52	9.20
6	4.00	1.00	3.02	2.70	34	11.00	8.00	10.02	9.70
8	4.50	1.50	3.52	3.20	36	11.50	8.50	10.52	10.20
10	5.00	2.00	4.02	3.70	38	12.00	9.00	11.02	10.70
12	5.50	2.50	4.52	4.20	40	12.50	9.50	11.52	11.20
14	6.00	3.00	5.02	4.70	42	13.00	10.00	12.02	11.70
16	6.50	3.50	5.52	5.20	44	13.50	10.50	12.52	12.20
18	7.00	4.00	6.02	5.70	46	14.00	11.00	13.02	12.70
20	7.50	4.50	6.52	6.20	48	14.50	11.50	13.52	13.20
22	8.00	5.00	7.02	6.70	50	15.00	12.00	14.02	13.70
24	8.50	5.50	7.52	7.20	52	15.50	12.50	14.52	14.20
26	9.00	6.00	8.02	7.70	60	17.50	14.50	16.52	16.20
28	9.50	6.50	8.52	8.20	70	20.00	17.00	19.02	18.70
30	10.00	7.00	9.02	8.70	80	22.50	19.50	21.52	21.20

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

Pb Process Capable | RoHS Compliant EU RoHS Standards | Halogen Compliant Halogen Free

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 90° Dual Rows SMT Type Female Connector

Model Code: GT-B0503FSR54-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