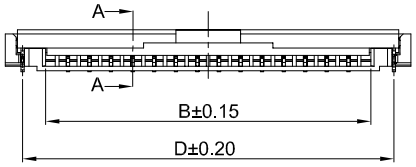


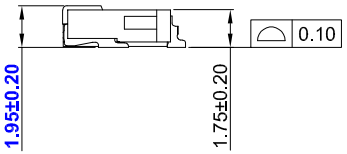
SECTION A-A

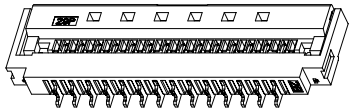
G-Switch Specification:

1.Current rated: 0.5A AC/DC
2.Voltage rating: 50V AC/DC
3.Withstanding voltage: 150V AC
4.Contact resistance: 50mΩ max.
5.Insulation resistance: 500MΩ min
6.Durability cycle: 20Cycles
7.Removal force: 0.03kgf/Pin min
8.Operating temperature range: -25°C ~ +85°C



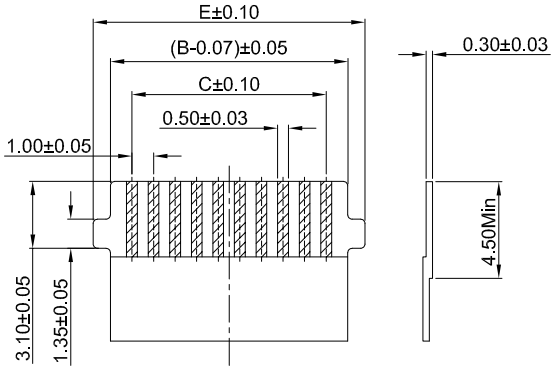




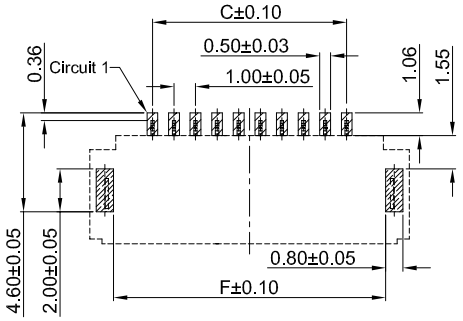


GT-F1007 S R 20 -XX X XX 01

- **G-Switch**
- **Series No**
- **Termipoint** S-SMT
- **Angle** R-90°
- **Pin Q' PY** 03~40
- **Housing Colour** S-Nature
- **Terminal Plating** 01-G/F, BT-Bright tin
- **Height** 20-1.95mm



APPLICABLE FPC



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

Ordering Information:

Circuit	Dimensions(mm) A	B	C	D	E	F	Circuit	Dimensions(mm) A	B	C	D	E	F
03	7.80	4.07	2.00	6.20	5.60	5.60	22	26.80	23.07	21.00	25.20	24.60	24.60
04	8.80	5.07	3.00	7.20	6.60	6.60	23	27.80	24.07	22.00	26.20	25.60	25.60
05	9.80	6.07	4.00	8.20	7.60	7.60	24	28.80	25.07	23.00	27.20	26.60	26.60
06	10.80	7.07	5.00	9.20	8.60	8.60	25	29.80	26.07	24.00	28.20	27.60	27.60
07	11.80	8.07	6.00	10.20	9.60	9.60	26	30.80	27.07	25.00	29.20	28.60	28.60
08	12.80	9.07	7.00	11.20	10.60	10.60	27	31.80	28.07	26.00	30.20	29.60	29.60
09	13.80	10.07	8.00	12.20	11.60	11.60	28	32.80	29.07	27.00	31.20	30.60	30.60
10	14.80	11.07	9.00	13.20	12.60	12.60	29	33.80	30.07	28.00	32.20	31.60	31.60
11	15.80	12.07	10.00	14.20	13.60	13.60	30	34.80	31.07	29.00	33.20	32.60	32.60
12	16.80	13.07	11.00	15.20	14.60	14.60	31	35.80	32.07	30.00	34.20	33.60	33.60
13	17.80	14.07	12.00	16.20	15.60	15.60	32	36.80	33.07	31.00	35.20	34.60	34.60
14	18.80	15.07	13.00	17.20	16.60	16.60	33	37.80	34.07	32.00	36.20	35.60	35.60
15	19.80	16.07	14.00	18.20	17.60	17.60	34	38.80	35.07	33.00	37.20	36.60	36.60
16	20.80	17.07	15.00	19.20	18.60	18.60	35	39.80	36.07	34.00	38.20	37.60	37.60
17	21.80	18.07	16.00	20.20	19.60	19.60	36	40.80	37.07	35.00	39.20	38.60	38.60
18	22.80	19.07	17.00	21.20	20.60	20.60	37	41.80	38.07	36.00	40.20	39.60	39.60
19	23.80	20.07	18.00	22.20	21.60	21.60	38	42.80	39.07	37.00	41.20	40.60	40.60
20	24.80	21.07	19.00	23.20	22.60	22.60	39	43.80	40.07	38.00	42.20	41.60	41.60
21	25.80	22.07	20.00	24.20	23.60	23.60	40	44.80	41.07	39.00	43.20	42.60	42.60

NO.	PART NAME	MATERIAL	REMARK
4	SOLDER TABS	PHOSPHOR BRONZE	MATTE Tin
3	CONTACT	PHOSPHOR BRONZE	BRIGHT Tin Or Gold-Flash On Contact Area
2	COVER	LCP,94V-0	BLACK
1	HOUSING	LCP,94V-0	NATURE

Pb Process Capable | RoHS Compliant EU RoHS Standards | 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: FPC 1.00mm Pitch 90° H2.00mm SMT Type With Lock Connector

Model Code: GT-F1007SR20-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Jiang	Hu	Chen	2021.06.28

品赞科技 b-Switch www.dg-switch.com

REV: A0 | SHEET: 1/1