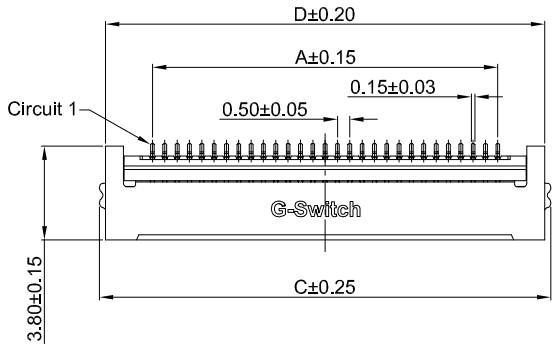
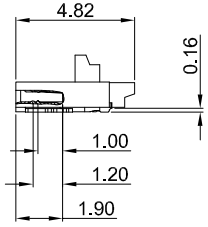
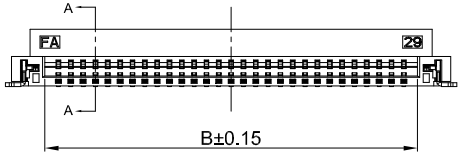
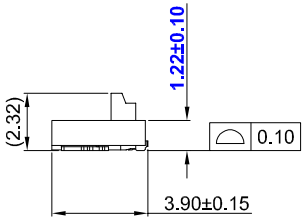
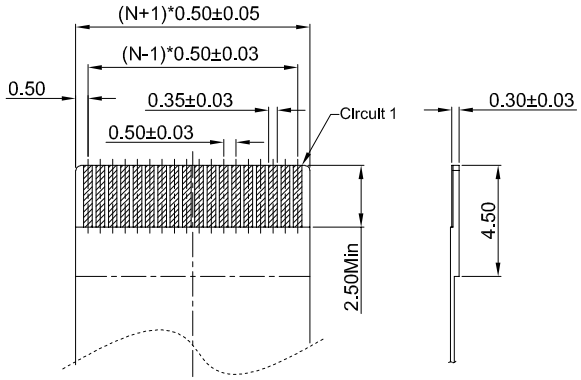




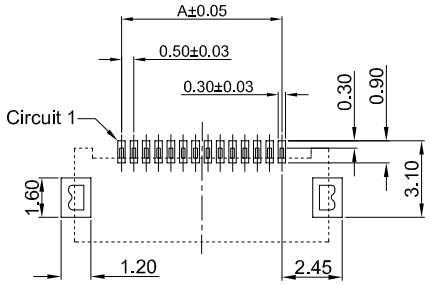
SECION:A-A







APPLICABLE FPC

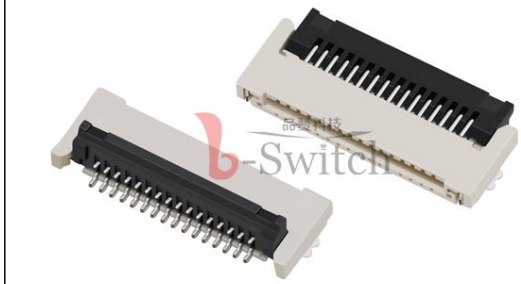


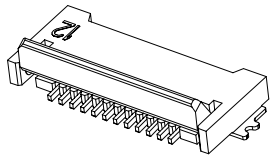
PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

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

G-Switch Specification:

1.Current rated: 0.5A AC/DC
2.Voltage rating: 50V AC/DC
3.Withstanding voltage: 250V AC
4.Contact resistance: 30mΩ max.
5.Insulation resistance: 100MΩ min
6.Durability cycle: 30Cycles
7.Removal force: 0.02kgf/Pin min
8.Operating temperature range: -25°C ~ +85°C





GT-F0511 S R 12 -XX X XX 01

- **G-Switch**
- **Series No**
- **Termipoint** S-SMT
- **Angle** R-90°
- **Terminal Plating** 01-G/F
- **Housing Colour** S-Nature
- **Pin Q' PY** 04~60
- **Height** 12-1.22mm

Ordering Information:

Circuit	Dimensions(mm) A	B	C	D	Circuit	Dimensions(mm) A	B	C	D	Circuit	Dimensions(mm) A	B	C	D
04	1.50	2.60	5.80	5.30	23	11.00	12.10	15.30	14.80	42	20.50	21.60	24.80	24.30
05	2.00	3.10	6.30	5.80	24	11.50	12.60	15.80	15.30	43	21.00	22.10	25.30	24.80
06	2.50	3.60	6.80	6.30	25	12.00	13.10	16.30	15.80	44	21.50	22.60	25.80	25.30
07	3.00	4.10	7.30	6.80	26	12.50	13.60	16.80	16.30	45	22.00	23.10	26.30	25.80
08	3.50	4.60	7.80	7.30	27	13.00	14.10	17.30	16.80	46	22.50	23.60	26.80	26.30
09	4.00	5.10	8.30	7.80	28	13.50	14.60	17.80	17.30	47	23.00	24.10	27.30	26.80
10	4.50	5.60	8.80	8.30	29	14.00	15.10	18.30	17.80	48	23.50	24.60	27.80	27.30
11	5.00	6.10	9.30	8.80	30	14.50	15.60	18.80	18.30	49	24.00	25.10	28.30	27.80
12	5.50	6.60	9.80	9.30	31	15.00	16.10	19.30	18.80	50	24.50	25.60	28.80	28.30
13	6.00	7.10	10.30	9.80	32	15.50	16.60	19.80	19.30	51	25.00	26.10	29.30	28.80
14	6.50	7.60	10.80	10.30	33	16.00	17.10	20.30	19.80	52	25.50	26.60	29.80	29.30
15	7.00	8.10	11.30	10.80	34	16.50	17.60	20.80	20.30	53	26.00	27.10	30.30	29.80
16	7.50	8.60	11.80	11.30	35	17.00	18.10	21.30	20.80	54	26.50	27.60	30.80	30.30
17	8.00	9.10	12.30	11.80	36	17.50	18.60	21.80	21.30	55	27.00	28.10	31.30	30.80
18	8.50	9.60	12.80	12.30	37	18.00	19.10	22.30	21.80	56	27.50	28.60	31.80	31.30
19	9.00	10.10	13.30	12.80	38	18.50	19.60	22.80	22.30	57	28.00	29.10	32.30	31.80
20	9.50	10.60	13.80	13.30	39	19.00	20.10	23.30	22.80	58	28.50	29.60	32.80	32.30
21	10.00	11.10	14.30	13.80	40	19.50	20.60	23.80	23.30	59	29.00	30.10	33.30	32.80
22	10.50	11.60	14.80	14.30	41	20.00	21.10	24.30	23.80	60	29.50	30.60	33.80	33.30

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 0.50mm Pitch 90° H1.20mm SMT Type Back Flip Connector

Model Code: GT-F0511SR12-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