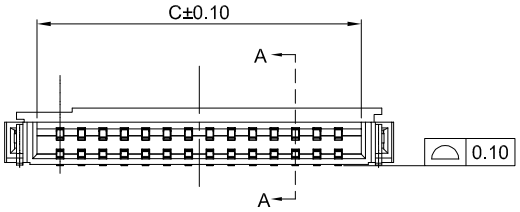


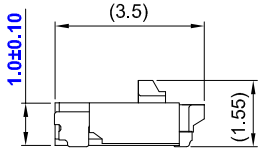
SECION:A-A

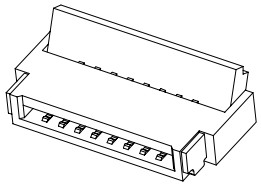
G-Switch Specification:

1.Current rated: 0.5A AC/DC
2.Voltage rating: 50V AC/DC
3.Withstanding voltage: 500V AC
4.Contact resistance: 20mΩ 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



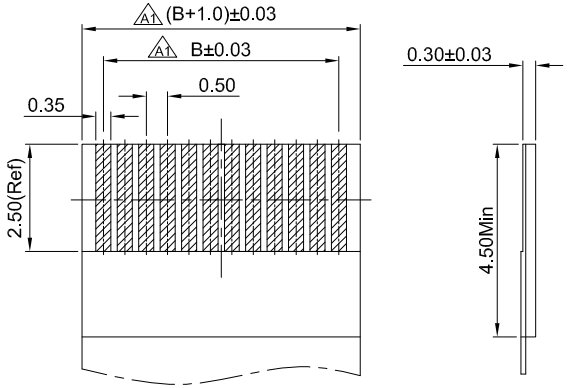




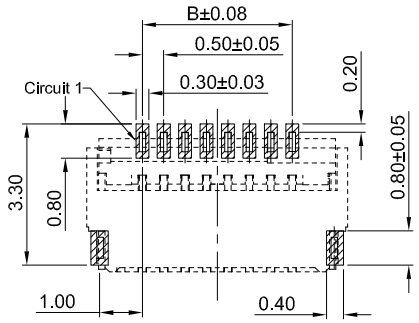


GT-F0508 S R 10 -XX X XX 01

- **G-Switch**
- **Series No**
- **Termipoint** S-SMT
- **Angle** R-90°
- **Terminal Plating** 01-G/F
- **Housing Colour** S-Nature
- **Pin Q' PY** 04~40
- **Height** 10-1.0mm



APPLICABLE FPC



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

Ordering Information:

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
04	4.00	1.50	2.57	20	12.00	9.50	10.57
05	4.50	2.00	3.07	22	13.00	10.50	11.57
06	5.00	2.50	3.57	24	14.00	11.50	12.57
08	6.00	3.50	4.57	26	15.00	12.50	13.57
10	7.00	4.50	5.57	28	16.00	13.50	14.57
12	8.00	5.50	6.57	30	17.00	14.50	15.57
13	8.50	6.00	7.07	32	18.00	15.50	16.57
14	9.00	6.50	7.57	34	19.00	16.50	17.57
16	10.00	7.50	8.57	36	20.00	17.50	18.57
17	10.50	8.00	9.07	38	21.00	18.50	19.57
18	11.00	8.50	9.57	40	22.00	19.50	20.57

NO.	PART NAME	MATERIAL	REMARK
4	SOLDER TABS	BRASS	MATTE Tin
3	CONTACT	PHOSPHOR BRONZE	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	Title:	FPC 0.50mm Pitch 90° SMT Type H1.00mm Back Flip Connector
SIZE: A4			
Unless otherwise General Tolerance:		Model Code:	GT-F0508SR10-XXXXX01
X ±0.40			
X.x ±0.30			
X.xx ±0.20			
X° ±5°			
X.x° ±3°			

DRAWN	CHECKED	APPROVED	DATE
Jiang	Hu	Chen	2025.06.24

品赞科技 G-Switch www.dg-switch.com

REV: A1 SHEET: 1/1