

**G-Switch Specification:**

1. Current rated: 0.5A AC/DC
2. Voltage rating: 50V AC/DC
3. Withstanding voltage: 500V AC
4. Contact resistance: 30mΩ max.
5. Insulation resistance: 500MΩ min
6. Durability cycle: 30Cycles
7. Removal force: 0.03kgf/Pin min
8. Operating temperature range: -25°C ~ +85°C

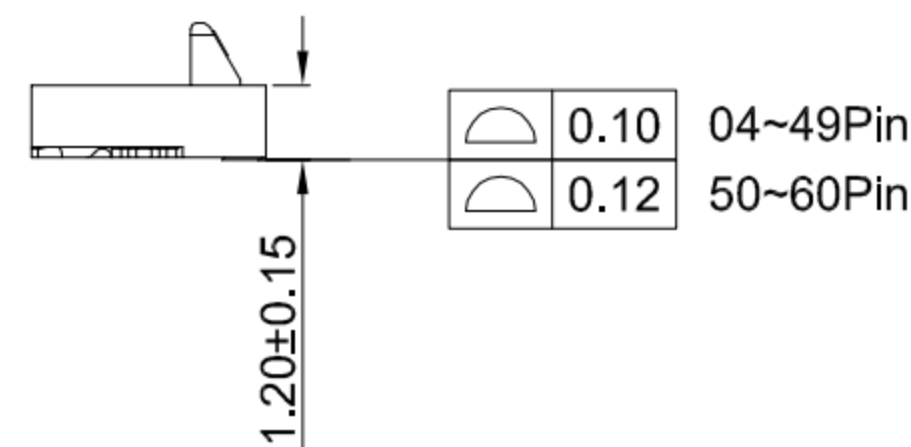
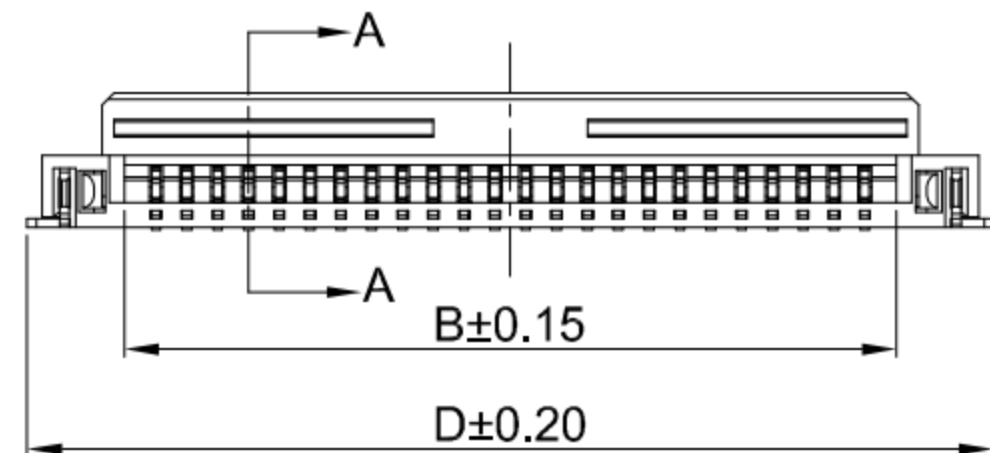


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GT-F0516 S R 12 -XX X XX 02

**G-Switch**

**Series No**

**Termipoint**  
S-SMT

**Angle**  
R-90°

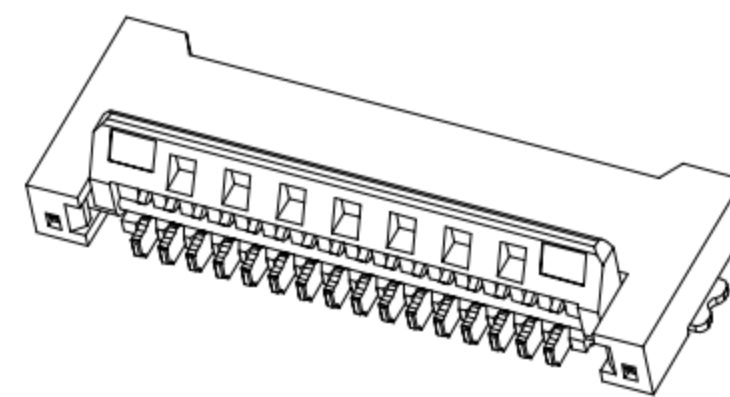
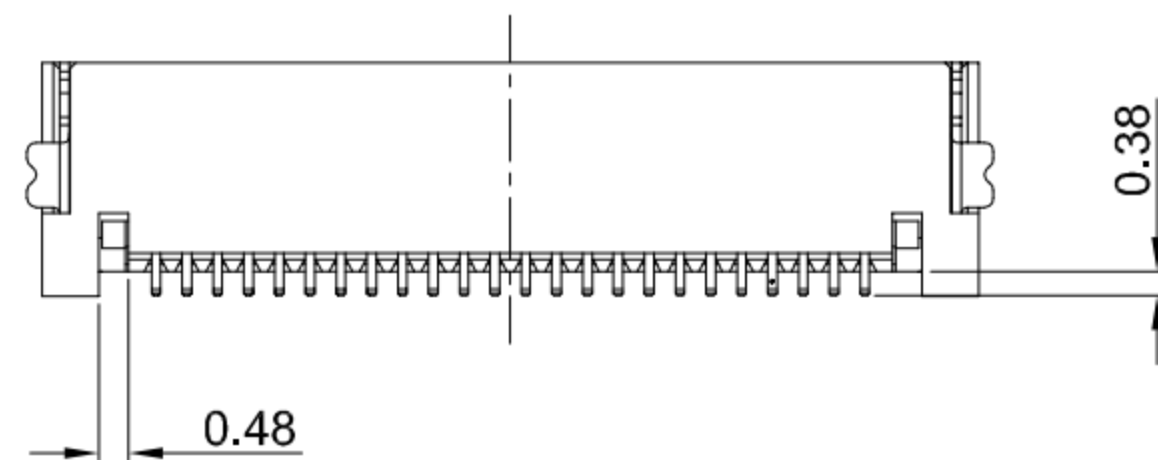
Terminal Plating  
01-G/F  
11-ALL G/F  
**Housing Colour**  
S-Nature

**Pin Q' PY**  
04~60

**Height**  
12-1.20mm

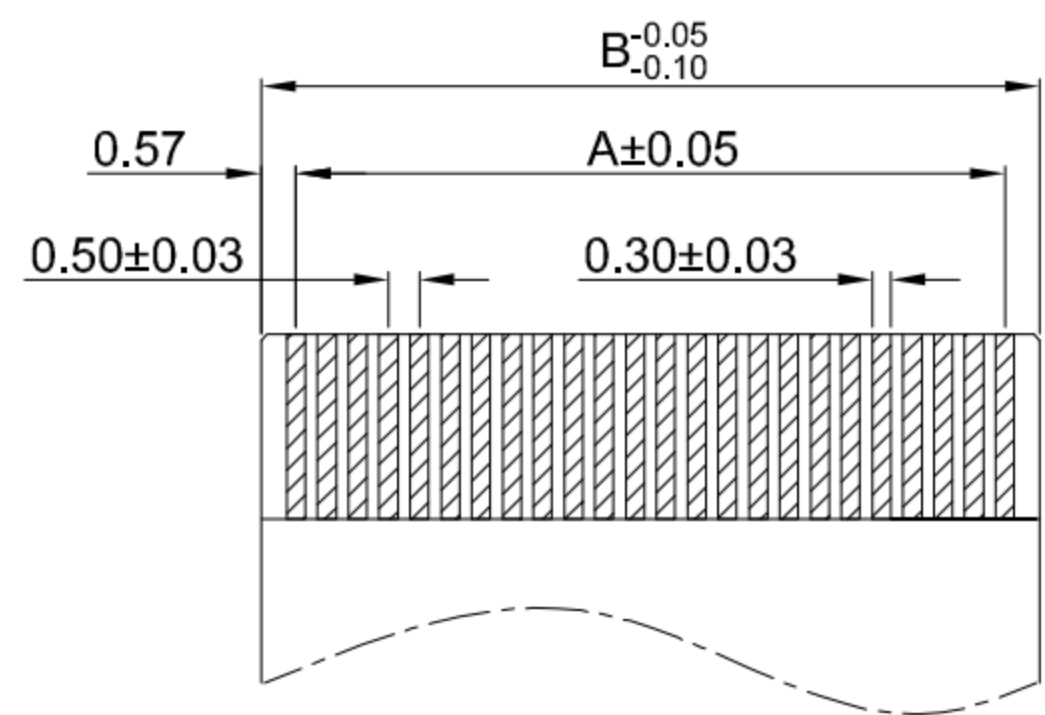
3

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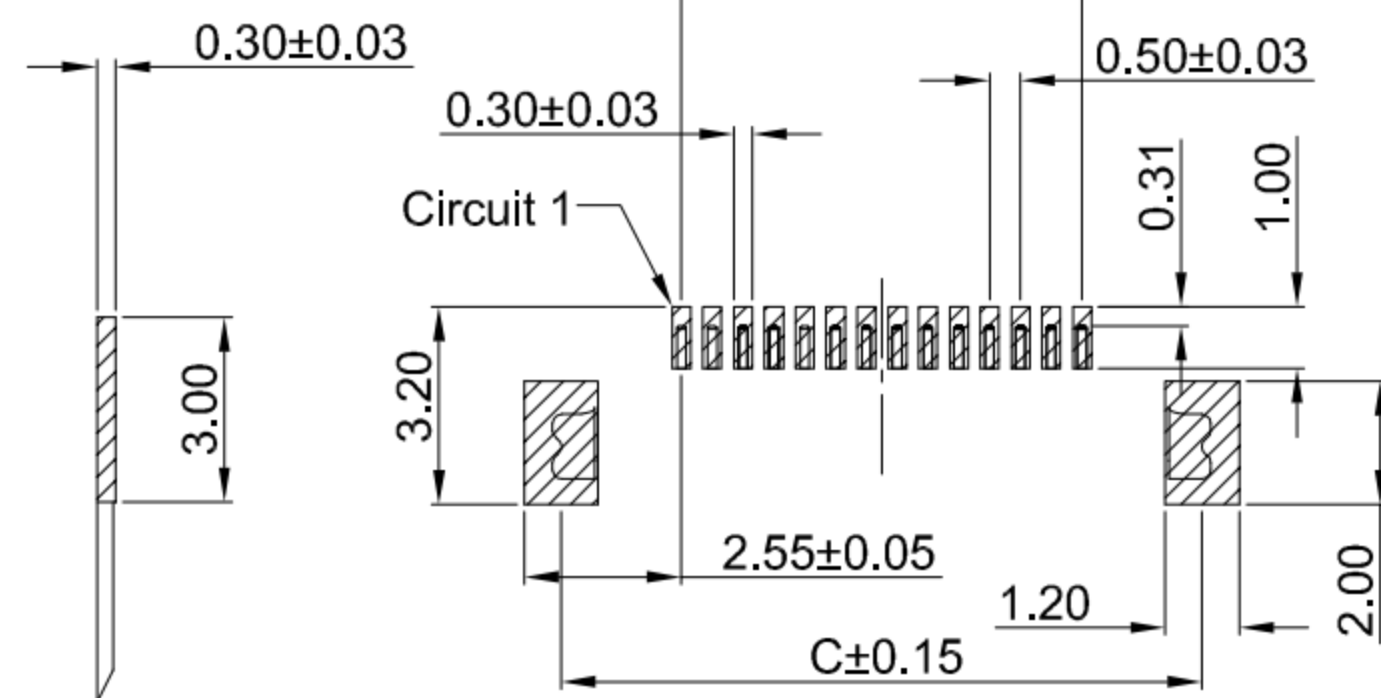


**Ordering Information:**

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D		A	B	C	D
04	1.50	2.52	5.20	5.68	23	11.00	12.02	14.70	15.18	42	20.50	21.52	24.20	24.68
05	2.00	3.02	5.70	6.18	24	11.50	12.52	15.20	15.68	43	21.00	22.02	24.70	25.18
06	2.50	3.52	6.20	6.68	25	12.00	13.02	15.70	16.18	44	21.50	22.52	25.20	25.68
07	3.00	4.02	6.70	7.18	26	12.50	13.52	16.20	16.68	45	22.00	23.02	25.70	26.18
08	3.50	4.52	7.20	7.68	27	13.00	14.02	16.70	17.18	46	22.50	23.52	26.20	26.68
09	4.00	5.02	7.70	8.18	28	13.50	14.52	17.20	17.68	47	23.00	24.02	26.70	27.18
10	4.50	5.52	8.20	8.68	29	14.00	15.02	17.70	18.18	48	23.50	24.52	27.20	27.68
11	5.00	6.02	8.70	9.18	30	14.50	15.52	18.20	18.68	49	24.00	25.02	27.70	28.18
12	5.50	6.52	9.20	9.68	31	15.00	16.02	18.70	19.18	50	24.50	25.52	28.20	28.68
13	6.00	7.02	9.70	10.18	32	15.50	16.52	19.20	19.68	51	25.00	26.02	28.70	29.18
14	6.50	7.52	10.20	10.68	33	16.00	17.02	19.70	20.18	52	25.50	26.52	29.20	29.68
15	7.00	8.02	10.70	11.18	34	16.50	17.52	20.20	20.68	53	26.00	27.02	29.70	30.18
16	7.50	8.52	11.20	11.68	35	17.00	18.02	20.70	21.18	54	26.50	27.52	30.20	30.68
17	8.00	9.02	11.70	12.18	36	17.50	18.52	21.20	21.68	55	27.00	28.02	30.70	31.18
18	8.50	9.52	12.20	12.68	37	18.00	19.02	21.70	22.18	56	27.50	28.52	31.20	31.68
19	9.00	10.02	12.70	13.18	38	18.50	19.52	22.20	22.68	57	28.00	29.02	31.70	32.18
20	9.50	10.52	13.20	13.68	39	19.00	20.02	22.70	23.18	58	28.50	29.52	32.20	32.68
21	10.00	11.02	13.70	14.18	40	19.50	20.52	23.20	23.68	59	29.00	30.02	32.70	33.18
22	10.50	11.52	14.20	14.68	41	20.00	21.02	23.70	24.18	60	29.50	30.52	33.20	33.68



APPLICABLE FPC



RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05

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



SCALE: 1:1 UNIT: mm  
SIZE: A4

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

Unless otherwise  
General Tolerance:

- X ±0.40
- X.x ±0.30
- X.xx ±0.20
- X° ±5°
- X.x° ±3°

Molde Code: GT-F0516SR12-XXXXX02

DRAWN	CHECKED	APPROVED	DATE
Jiang	Hu	Chen	2021.06.28



REV: A0 SHEET: 1/1

A

B

C

D

E