

A

B

C

D

E

A

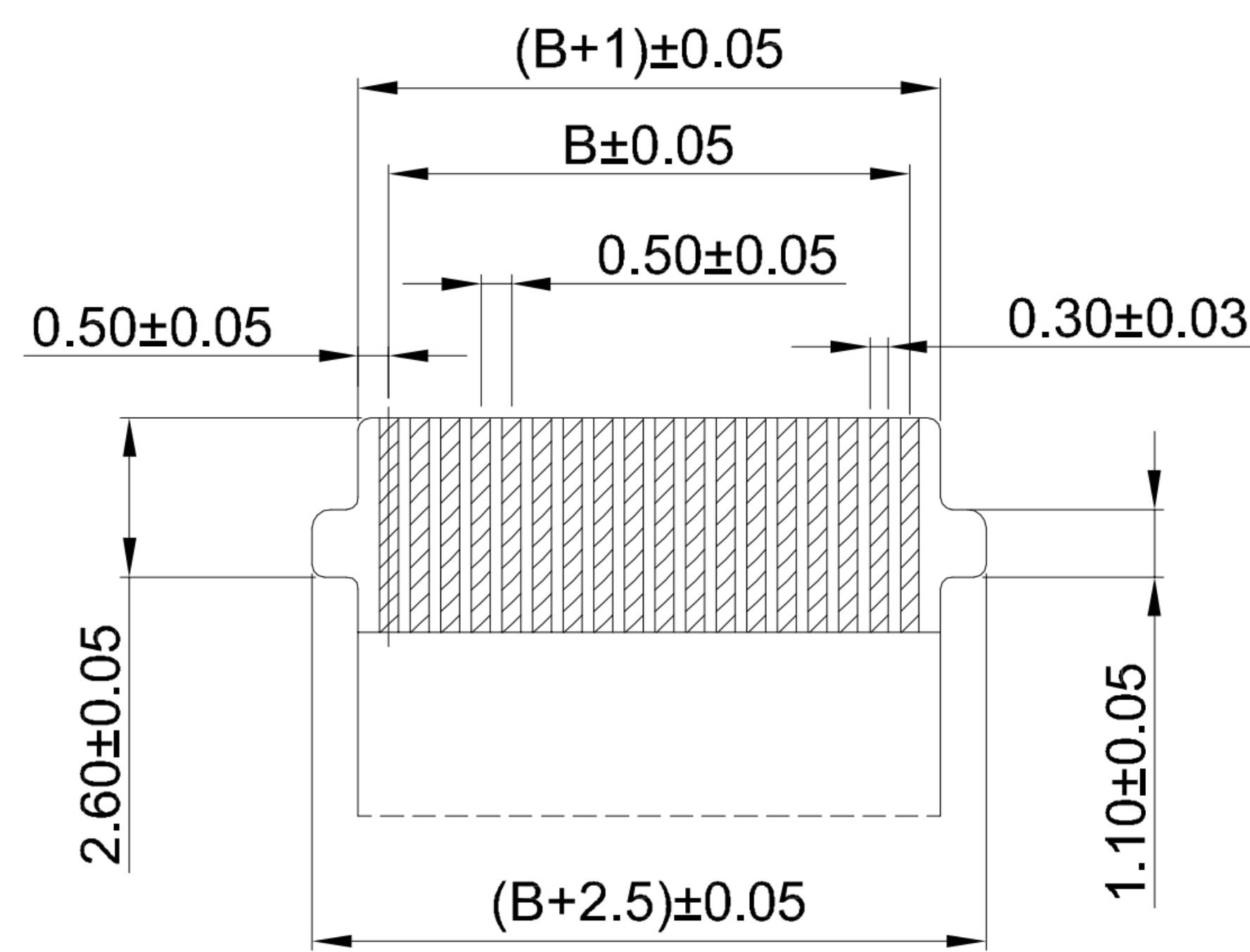
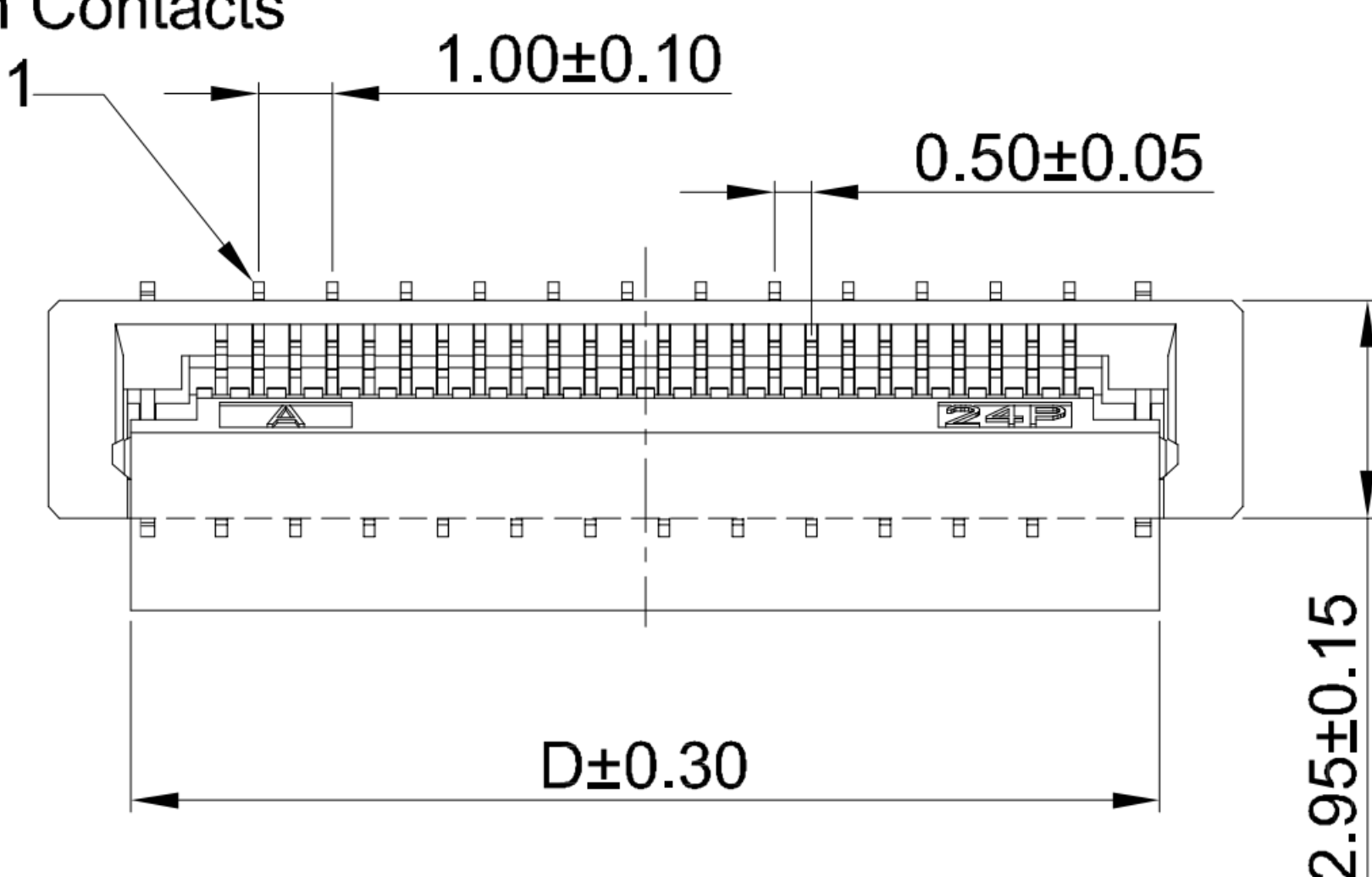
B

C

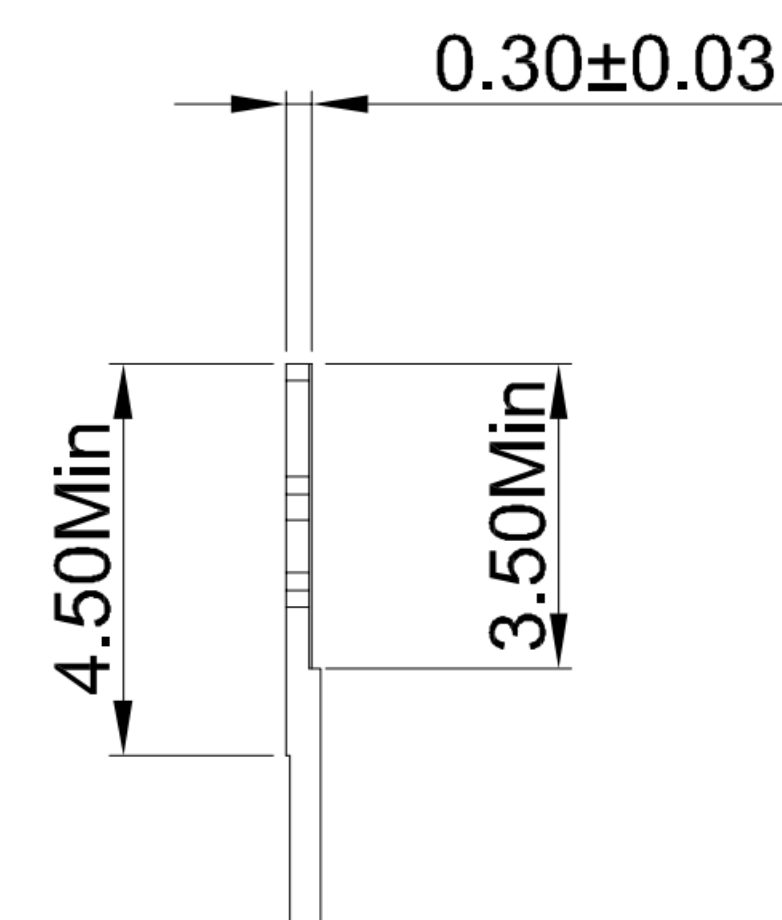
D

E

A TYPE-
Bottom Contacts
Circuit 1



APPLICABLE FPC



GT-F0519 S V 52 -XX X XX 01

G-Switch

Series No

Termipoint
S-SMT

Angle
V-180°

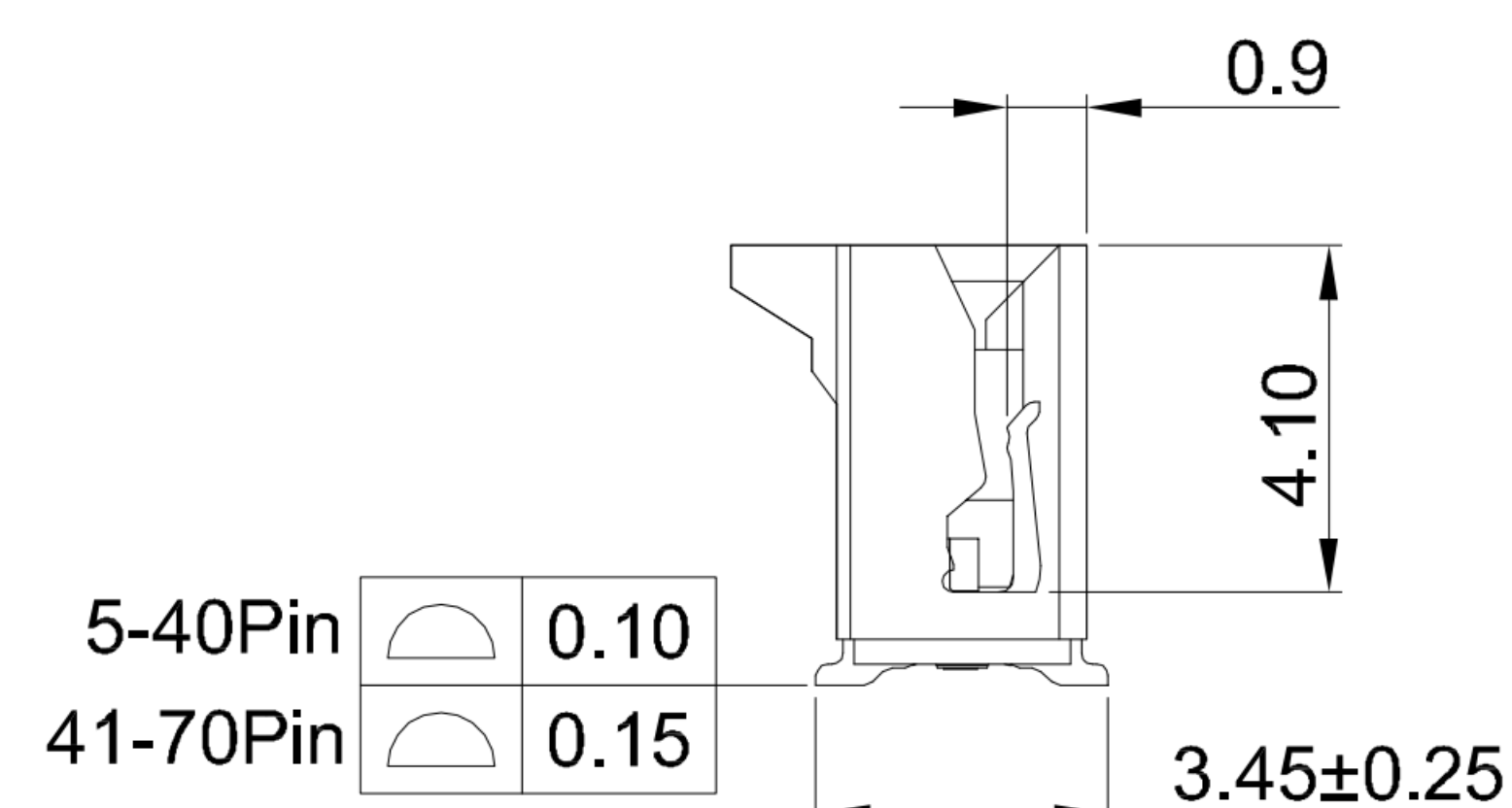
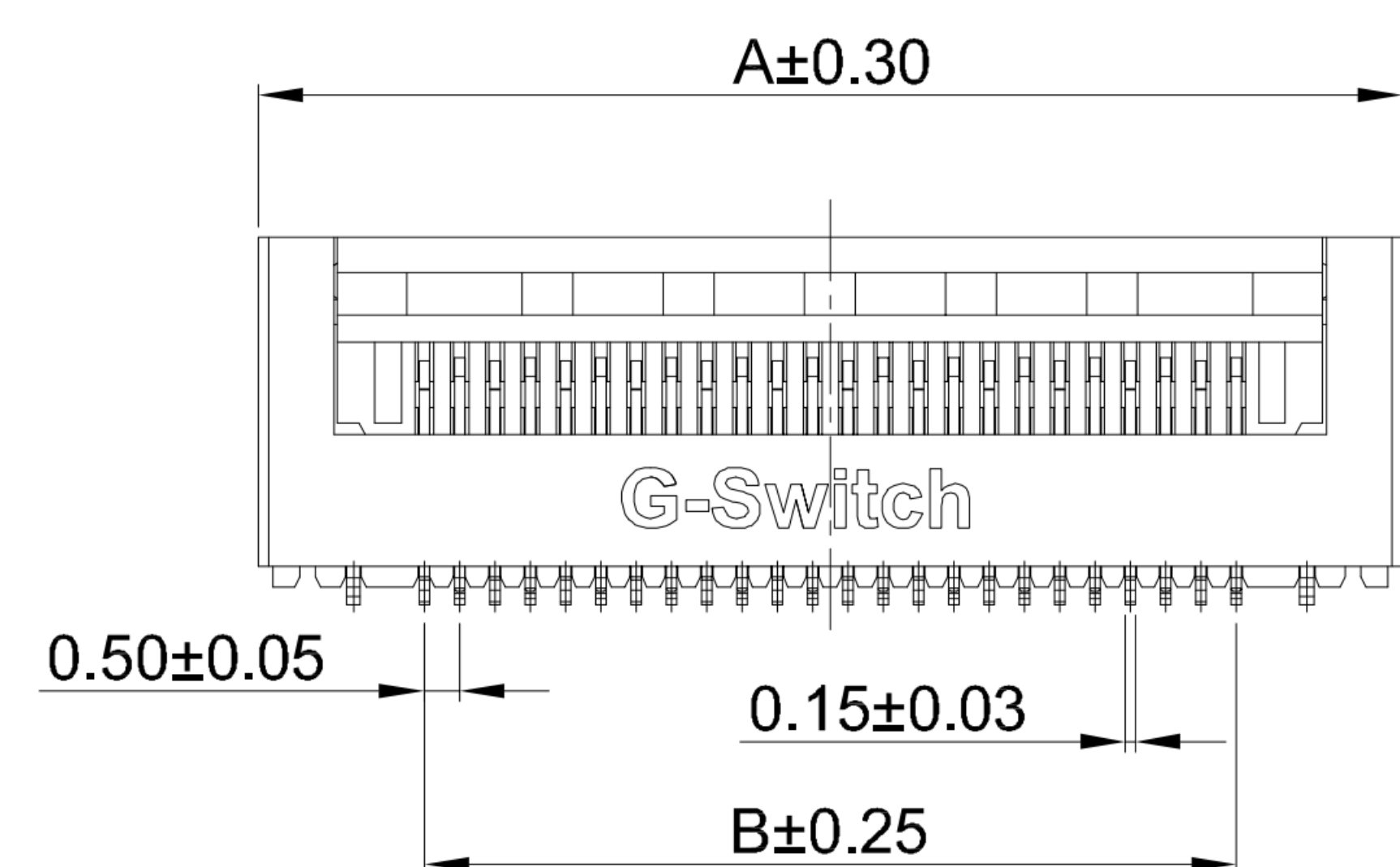
Height
52-5.20mm

Contact
01-A Type
(Bottom Contacts)
02-B Type
(Top Contacts)

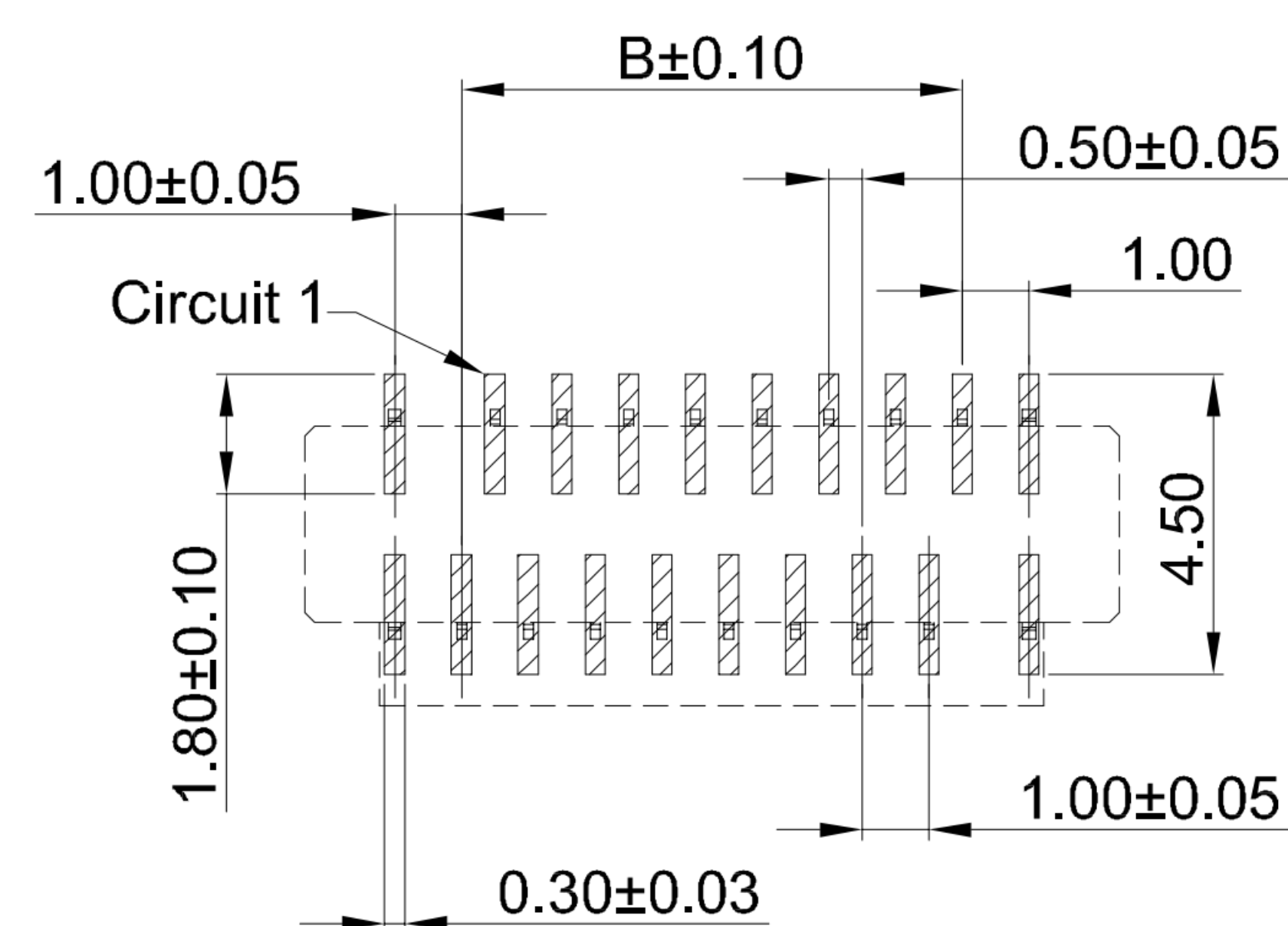
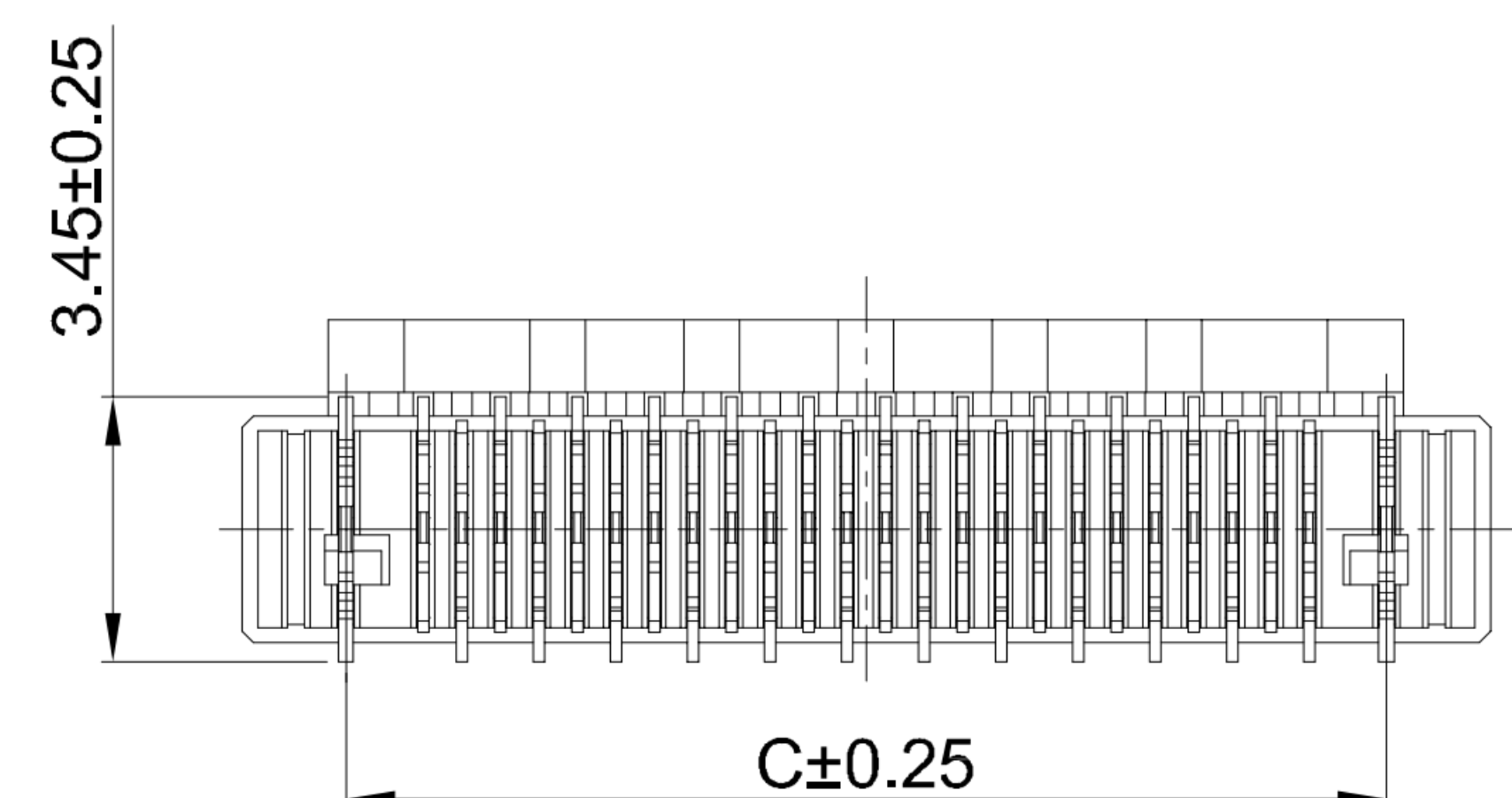
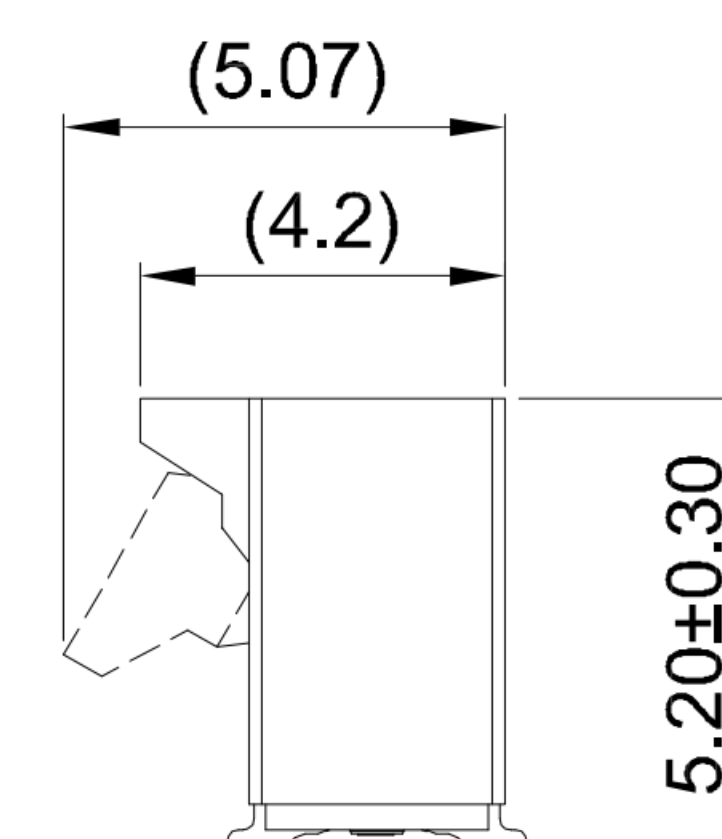
Terminal Plating
01-G/F

Housing Colour
S-Nature

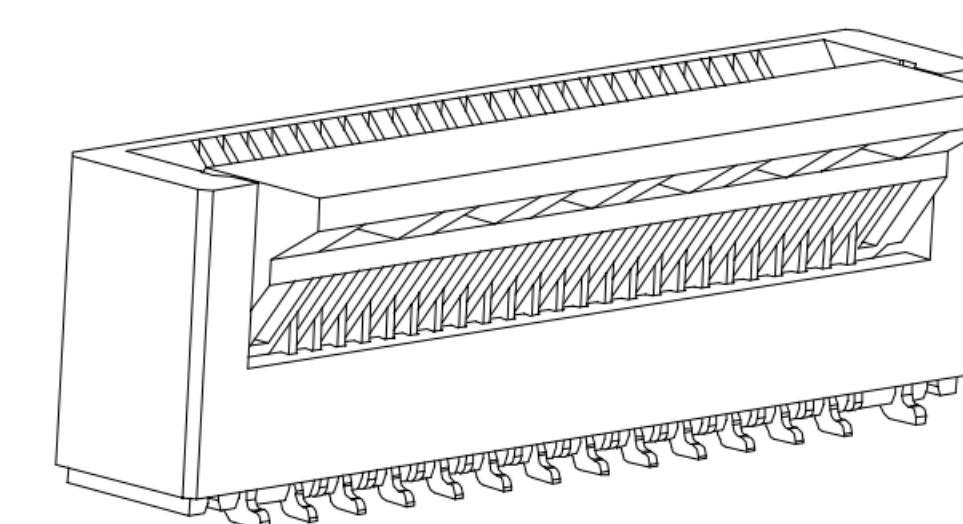
Pin Q' PY
05~70



5-40Pin		0.10
41-70Pin		0.15



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



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: 0.04kgf/Pin min
- 8.Operating temperature range: -25°C ~ +85°C

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



RoHS
Compliant
EU RoHS Standards



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 180° H5.20mm SMT Type
Wich Lock Bottom Contacts Connector

Molde Code: GT-F0519SV52-XXXXXX01

DRAWN	CHECKED	APPROVED	DATE
Jiang	Hu	Chen	2021.06.28

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/2

Ordering Information:

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
05	6.70	2.00	4.00	4.45	38	23.20	18.50	20.50	20.95
06	7.20	2.50	4.50	4.95	39	23.70	19.00	21.00	21.45
07	7.70	3.00	5.00	5.45	40	24.20	19.50	21.50	21.95
08	8.20	3.50	5.50	5.95	41	24.70	20.00	22.00	22.45
09	8.70	4.00	6.00	6.45	42	25.20	20.50	22.50	22.95
10	9.20	4.50	6.50	6.95	43	25.70	21.00	23.00	23.45
11	9.70	5.00	7.00	7.45	44	26.20	21.50	23.50	23.95
12	10.20	5.50	7.50	7.95	45	26.70	22.00	24.00	24.45
13	10.70	6.00	8.00	8.45	46	27.20	22.50	24.50	24.95
14	11.20	6.50	8.50	8.95	47	27.70	23.00	25.00	25.45
15	11.70	7.00	9.00	9.45	48	28.20	23.50	25.50	25.95
16	12.20	7.50	9.50	9.95	49	28.70	24.00	26.00	26.45
17	12.70	8.00	10.00	10.45	50	29.20	24.50	26.50	26.95
18	13.20	8.50	10.50	10.95	51	29.70	25.00	27.00	27.45
19	13.70	9.00	11.00	11.45	52	30.20	25.50	27.50	27.95
20	14.20	9.50	11.50	11.95	53	30.70	26.00	28.00	28.45
21	14.70	10.00	12.00	12.45	54	31.20	26.50	28.50	28.95
22	15.20	10.50	12.50	12.95	55	31.70	27.00	29.00	29.45
23	15.70	11.00	13.00	13.45	56	32.20	27.50	29.50	29.95
24	16.20	11.50	13.50	13.95	57	32.70	28.00	30.00	30.45
25	16.70	12.00	14.00	14.45	58	33.20	28.50	30.50	30.95
26	17.20	12.50	14.50	14.95	59	33.70	29.00	31.00	31.45
27	17.70	13.00	15.00	15.45	60	34.20	29.50	31.50	31.95
28	18.20	13.50	15.50	15.95	61	34.70	30.00	32.00	32.45
29	18.70	14.00	16.00	16.45	62	35.20	30.50	32.50	32.95
30	19.20	14.50	16.50	16.95	63	35.70	31.00	33.00	33.45
31	19.70	15.00	17.00	17.45	64	36.20	31.50	33.50	33.95
32	20.20	15.50	17.50	17.95	65	36.70	32.00	34.00	34.45
33	20.70	16.00	18.00	18.45	66	37.20	32.50	34.50	34.95
34	21.20	16.50	18.50	18.95	67	37.70	33.00	35.00	35.45
35	21.70	17.00	19.00	19.45	68	38.20	33.50	35.50	35.95
36	22.20	17.50	19.50	19.95	69	38.70	34.00	36.00	36.45
37	22.70	18.00	20.00	20.45	70	39.20	34.50	36.50	36.95



GT-F0519 S V 52 -XX X XX 01

G-Switch

Series No

Termipoint
S-SMT

Angle
V-180°

Height
52-5.20mm

Contact
01-A Type
(Bottom Contacts)
02-B Type
(Top Contacts)

Terminal Plating
01-G/F

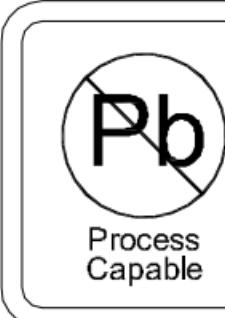
Housing Colour
S-Nature

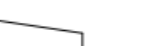
Pin Q' PY
05~70

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NO.	PART NAME	MATERIAL	REMARK



SCALE: 1:1	UNIT: mm	Title: FPC 0.50mm Pitch 180° H5.20mm SMT Type Wich Lock Bottom Contacts Connector				 品赞科技 b-Switch www.dg-switch.com	
SIZE: A4							
Unless otherwise General Tolerance: X ±0.40 X.x ±0.30 X.xx ±0.20 X° ±5° X.x° ±3°		Molde Code: GT-F0519SV52-XXXXX01					
		DRAWN	CHECKED	APPROVED	DATE		
		Jiang	Hu	Chen	2021.06.28		
		REV: A0		SHEET: 2/2			