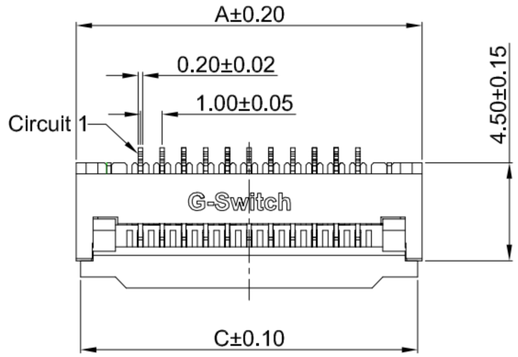
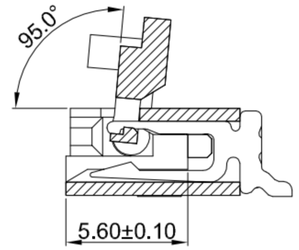
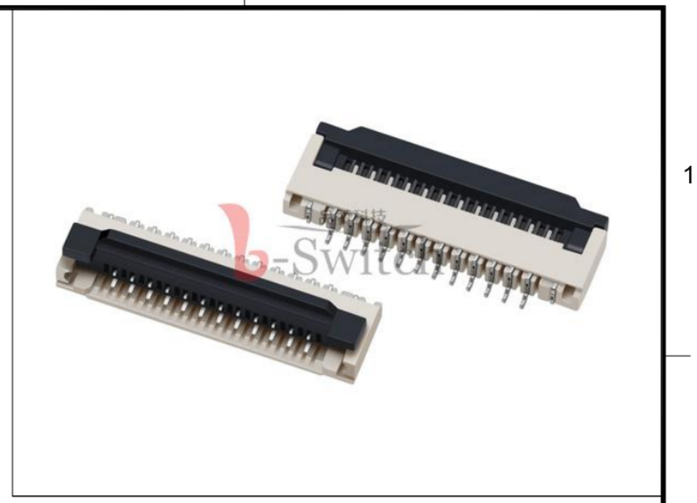


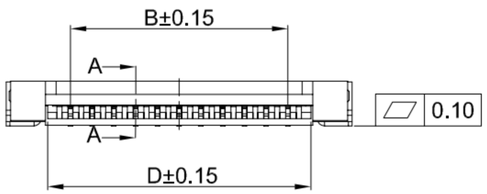


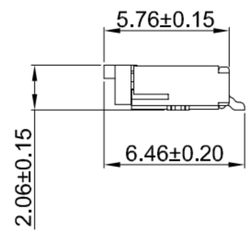
SECTION A-A
SCALE 2:1

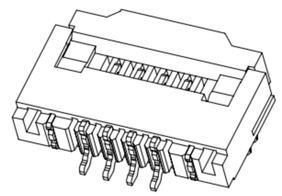
G-Switch Specification:

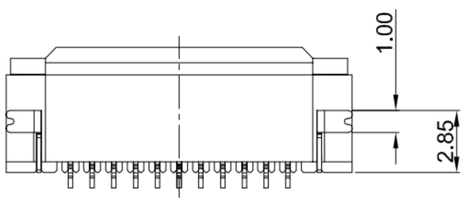
1.Current rated: 0.4A AC/DC
2.Voltage rating: 50V AC/DC
3.Withstanding voltage: 200V AC for 1 min
4.Contact resistance: 20mΩ max.
5.Insulation resistance: 50MΩ min
6.Durability cycle: 20Cycles
7.Removal force: 0.04kgf/Pin min
8.Operating temperature range: -25°C ~ +85°C

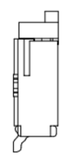












GT-F1010 S R 20 -XX X XX 01

G-Switch

Series No

Termipoint
S-SMT

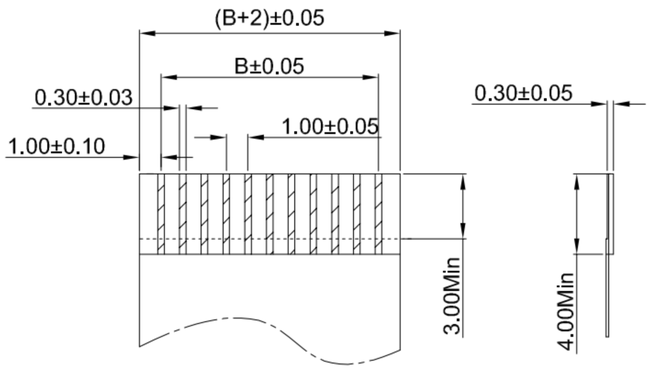
Angle
R-90°

Terminal Plating
MT-Matte Tin
11-All G/F

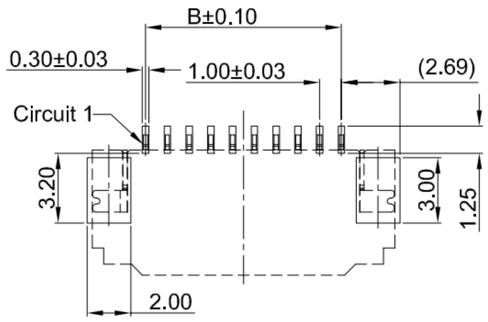
Housing Colour
S-Nature

Pin Q' PY
03~32

Height
20-2.06mm



RECOMMENDED FPC DIMENSION



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

Ordering Information:

Circuit	Dimension				Circuit	Dimension			
	A	B	C	D		A	B	C	D
03	7.90	2.00	7.50	4.10	18	22.90	17.00	22.50	19.10
04	8.90	3.00	8.50	5.10	19	23.90	18.00	23.50	20.10
05	9.90	4.00	9.50	6.10	20	24.90	19.00	24.50	21.10
06	10.90	5.00	10.50	7.10	21	25.90	20.00	25.50	22.10
07	11.90	6.00	11.50	8.10	22	26.90	21.00	26.50	23.10
08	12.90	7.00	12.50	9.10	23	27.90	22.00	27.50	24.10
09	13.90	8.00	13.50	10.10	24	28.90	23.00	28.50	25.10
10	14.90	9.00	14.50	11.10	25	29.90	24.00	29.50	26.10
11	15.90	10.00	15.50	12.10	26	30.90	25.00	30.50	27.10
12	16.90	11.00	16.50	13.10	27	31.90	26.00	31.50	28.10
13	17.90	12.00	17.50	14.10	28	32.90	27.00	32.50	29.10
14	18.90	13.00	18.50	15.10	29	33.90	28.00	33.50	30.10
15	19.90	14.00	19.50	16.10	30	34.90	29.00	34.50	31.10
16	20.90	15.00	20.50	17.10	31	35.90	30.00	35.50	32.10
17	21.90	16.00	21.50	18.10	32	36.90	31.00	36.50	33.10

NO.	PART NAME	MATERIAL	REMARK
4	SOLDER TABS	BRASS	MATTE Tin
3	CONTACT	PHOSPHOR BRONZE	MATTE Tin OR ALLG/F
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° H2.0mm SMT Type Connector

Molde Code: GT-F1010SR20-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