

A

B

C

D

E

A

B

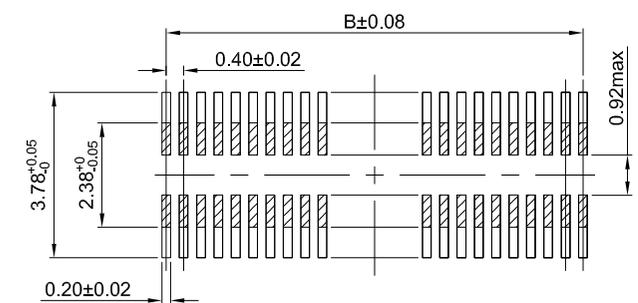
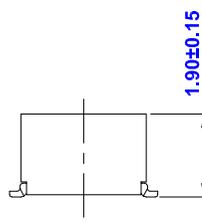
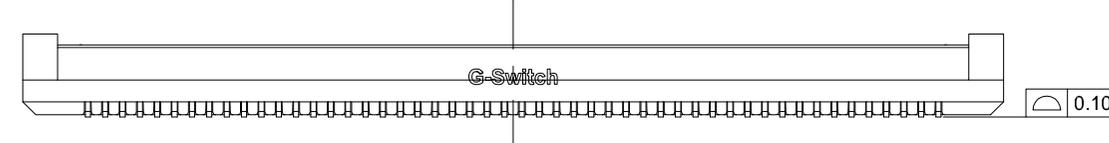
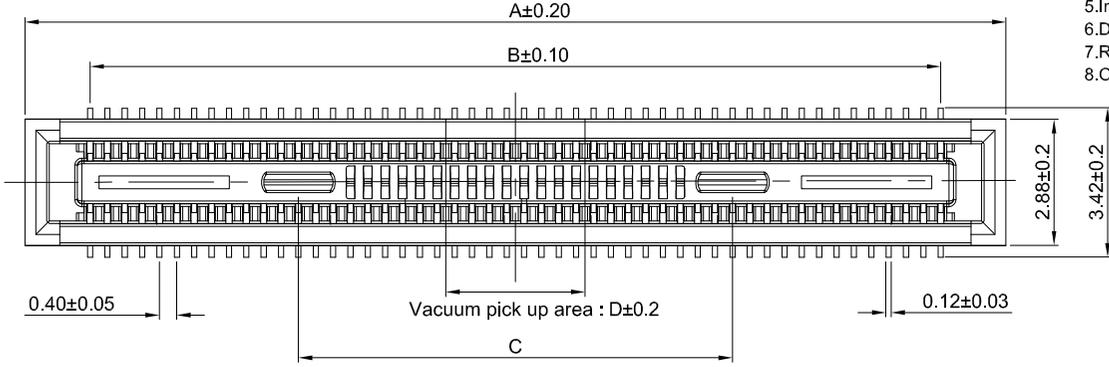
C

D

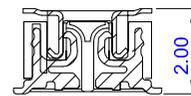
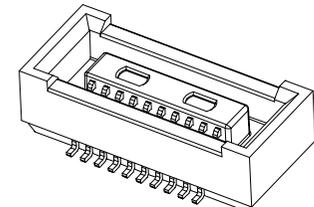
E

G-Switch Specification:

- 1.Current rated: 0.3A AC/DC
- 2.Voltage rating: 50V AC/DC
- 3.Withstanding voltage: 150V AC
- 4.Contact resistance: 90mΩ max
- 5.Insulation resistance: 1000MΩ min
- 6.Durability cycle: 30 Cycles
- 7.Removal force: 0.10kgf/Pin min
- 8.Operating temperature range: -55°C ~ +125°C



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



MATING HEIGHT

GT-B0403 F S V 19 -XX X XX 01

G-Switch
Series No
F-Female
Termpoint S-SMT
Angle V-180°

Terminal Plating
11-All Au G/F
Housing Colour
B-Black
Pin Q' PY
10-120
Height
19-1.9mm

Ordering Information:

Circuit	Dimensions				Mating height	Plug (H.)	Socket (H.)
	A	B	C	D			
10	4.60	1.60	-	-	1.5	1.14	1.4
12	5.00	2.00	-	1.00	2.0	1.14	1.9
20	6.60	3.60	1.93	-	2.5	1.14	2.4
24	7.40	4.40	2.43	1.20	3.0	1.14	2.9
30	8.60	5.60	3.18	1.50	3.5	1.14	3.4
34	9.40	6.40	3.68	2.30	4.0	1.14	3.9
40	10.60	7.60	5.08	-	--		
44	11.40	8.40	5.86	-	--		
50	12.60	9.60	5.50	-	--		
60	14.60	11.60	6.00	-	--		
70	16.60	13.60	7.00	3.20	--		
80	18.60	15.60	8.00	-	--		
90	20.60	17.60	9.00	-	--		
100	22.60	19.60	10.00	-	--		
120	26.60	23.60	14.00	-	--		

SCALE: 1:1 UNIT: mm
SIZE: A4

Title: BTB 0.40mm Pitch 180° H1.90mm Dual Rows
SMT Type Female Connector

Unless otherwise General Tolerance:
X ±0.40
X.x ±0.30
X.xx ±0.20
X° ±5°
X.x° ±3°

Molde Code: GT-B0403FSV19-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2022.12.28

NO.	PART NAME	MATERIAL	REMARK
2	CONTACT	HIGH CONDUCTIVITY COPPER	ALL Au G/F
1	HOUSING	LCP+30%GF,94V-0	BLACK



REV: A0 SHEET: 1/1