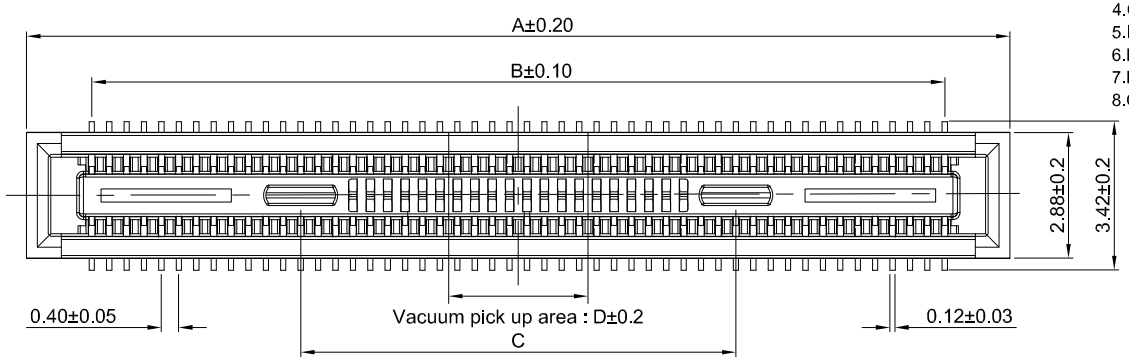
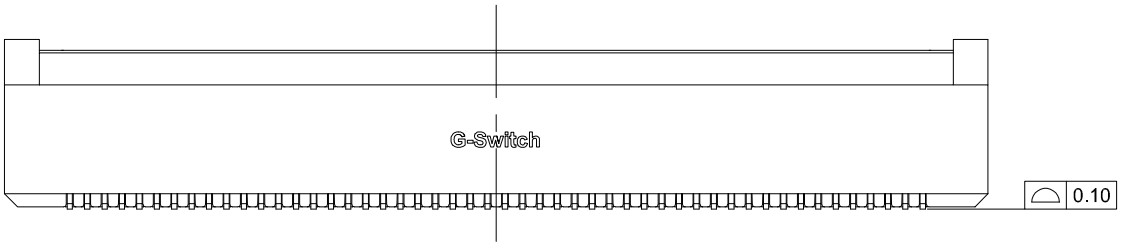
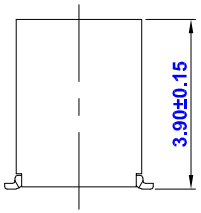
G-Switch Specification:

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



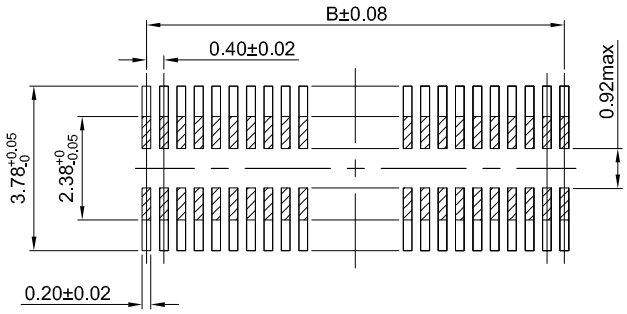




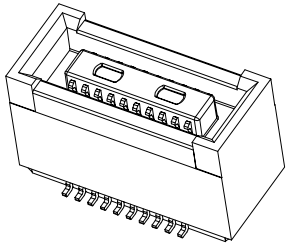


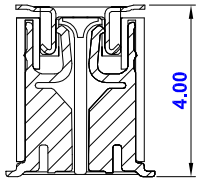
GT-B0403 F S V 39 -XX X XX 01

- **G-Switch**
- **Series No**
- **F-Female**
- **TermIpoInt** S-SMT
- **Angle** V-180°
- **Helght** 39-3.9mm
- **Pin Q' PY** 10~120
- **Housing Colour** B-Black
- **Terminal Plating** 11-All Au G/F



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05





MATING HEIGHT

Ordering Information:

Circuit	Dimensions A	B	C	D	Mating height	Plug (H.)	Socket (H.)
10	4.60	1.60	-	1.00	1.5	1.14	1.4
12	5.00	2.00	-		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	3.20	--		
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		--		
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		--		

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

Pb Process Capable | RoHS Compliant EU RoHS Standards | Halogen Free 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: BTB 0.40mm Pitch 180° H3.90mm Dual Rows SMT Type Female Connector

Model Code: GT-B0403FSV39-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2022.12.28

品赞科技 b-Switch www.dg-switch.com

REV: A0 SHEET: 1/1