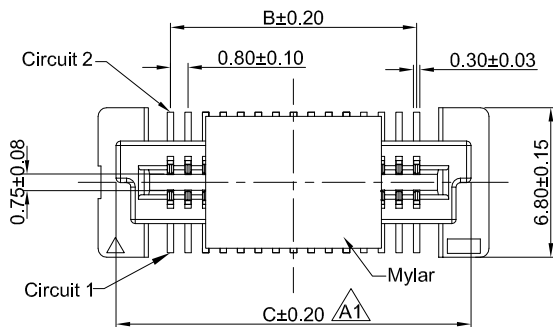
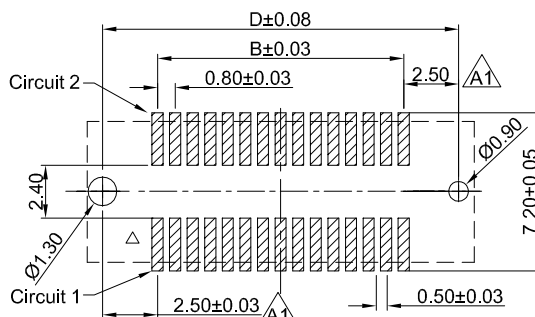
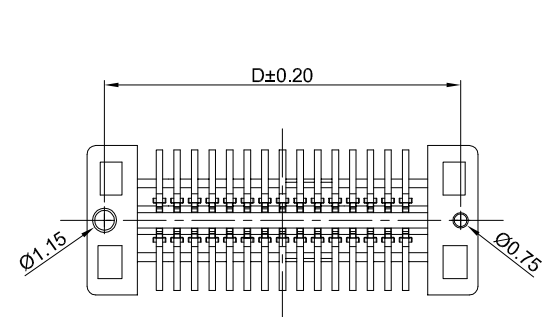
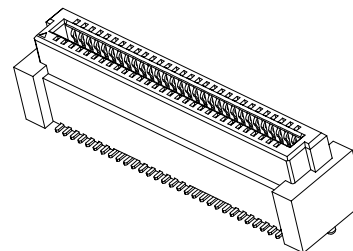
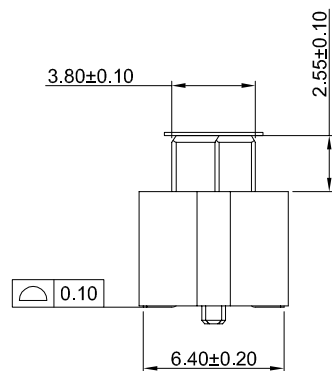
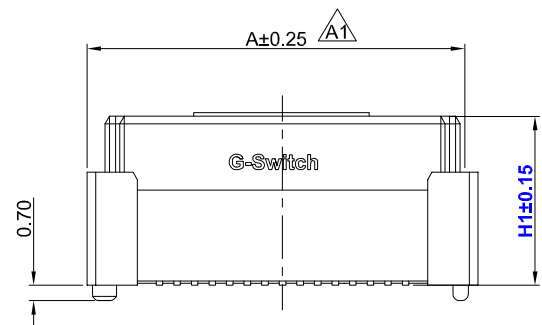
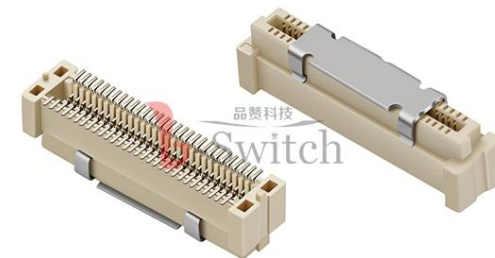


MATING HEIGHT

G-Switch Specification:

- 1.Current rated: 0.5A AC/DC
2. Voltage rating:100V AC/DC
- 3.Withstanding voltage: 500V AC
- 4.Contact resistance: 30mΩ Max.
- 5.Insulation resistance: 500MΩ min
- 6.Durability cycle: 50 Cycles
- 7.Removal force: 0.01kgf/Pin min
- 8.Operating temperature range: -40°C ~ +105°C



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

Ordering Information:

Circuit	Dimensions(mm)			
	A	B	C	D
20	13.80	7.20	12.15	12.20
30	17.80	11.20	16.15	16.20



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 0.80mm Pitch 180° Dual Rows SMT
Type Female Connector

Molde Code: GT-B0805FSVXX-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2025,09,08

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REV: A0 SHEET: 1/2

GT-B0805 F S V XX -XX X XX 01

G-Switch

Series No

F-Female

Termipoint
S-SMT

ANGLE
V-180°

Terminal Plating
01-Gold Flash On
Contact Area

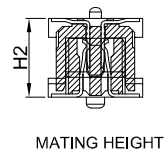
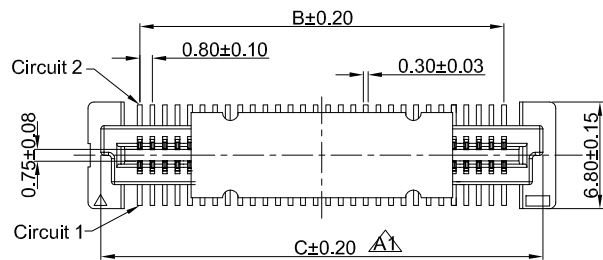
Housing Colour
S-Nature

Pin Q' PY
20~200

Height
77-7.70mm
12-11.7mm
16-15.7mm

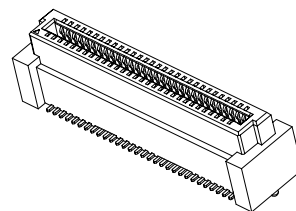
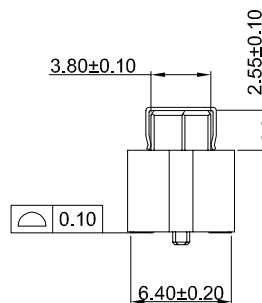
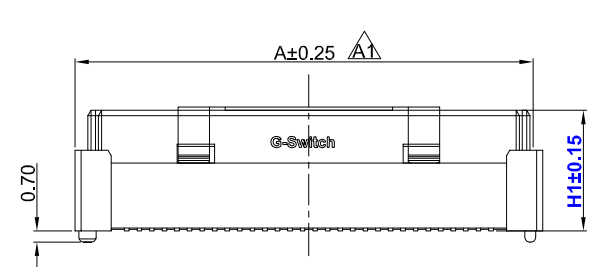
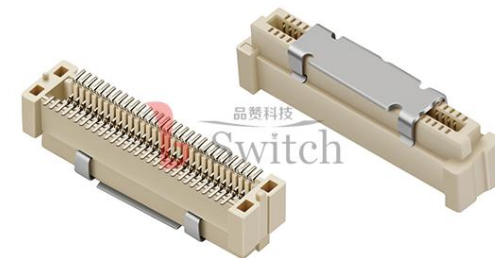
MATING HEIGHT(H2)	PLUG (H.mm)	SOCKET (H1.mm)	MATING HEIGHT	PLUG (H.mm)	SOCKET (H1.mm)
5.00	4.70	3.70	13.00	4.70	11.70
6.00	5.70	3.70	14.00	5.70	11.70
7.00	6.70	3.70	15.00	6.70	11.70
8.00	7.70	3.70	16.00	7.70	11.70
9.00	4.70	7.70	17.00	4.70	15.70
10.00	5.70	7.70	18.00	5.70	15.70
11.00	6.70	7.70	19.00	6.70	15.70
12.00	7.70	7.70	20.00	7.70	15.70

2	CONTACT	PHOSPHOR BRONZE	Gold Flash On Contact Area
1	HOUSING	LCP,94V-0	Nature
NO.	PART NAME	MATERIAL	REMARK



G-Switch Specification:

- 1.Current rated: 0.5A AC/DC
2. Voltage rating:100V AC/DC
- 3.Withstanding voltage: 500V AC
- 4.Contact resistance: 30mΩ Max.
- 5.Insulation resistance: 500MΩ min
- 6.Durability cycle: 50 Cycles
- 7.Removal force:0.01kgf/Pin min
- 8.Operating temperature range: -40°C ~ +105°C



GT-B0805 F S V XX-XX X XX 01

G-Switch

Series No

F-Female

Termipoint
S-SMT

ANGLE
V-180°

Terminal Plating
01-Gold Flash On
Contact Area

Housing Colour
S-Nature

Pin Q' PY
20~200

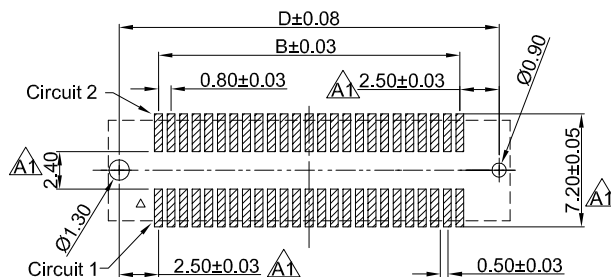
Height
77-7.70mm
12-11.7mm
16-15.7mm

MATING HEIGHT(H2)	PLUG (H1,mm)	SOCKET (H1,mm)	MATING HEIGHT	PLUG (H1,mm)	SOCKET (H1,mm)
5.00	4.70	3.70	13.00	4.70	11.70
6.00	5.70	3.70	14.00	5.70	11.70
7.00	6.70	3.70	15.00	6.70	11.70
8.00	7.70	3.70	16.00	7.70	11.70
9.00	4.70	7.70	17.00	4.70	15.70
10.00	5.70	7.70	18.00	5.70	15.70
11.00	6.70	7.70	19.00	6.70	15.70
12.00	7.70	7.70	20.00	7.70	15.70

3	SPCC	SUS	NI
2	CONTACT	PHOSPHOR BRONZE	Gold Flash On Contact Area
1	HOUSING	LCP,94V-0	Nature
NO.	PART NAME	MATERIAL	REMARK

Ordering Information:

Circuit	Dimensions(mm)			
	A	B	C	D
40	21.80	15.20	20.15	20.20
50	25.80	19.20	24.15	24.20
60	29.80	23.20	28.15	28.20
80	37.80	31.20	36.15	36.20
100	45.80	39.20	44.15	44.20
120	53.80	47.20	52.15	52.20
140	61.80	55.20	60.15	60.20
160	69.80	63.20	68.15	68.20
180	77.80	71.20	76.15	76.20
200	85.80	79.20	84.15	84.20



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



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 0.80mm Pitch 180° Dual Rows SMT
Type Female Connector

Molde Code: GT-B0805FSVXX-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2025,09,08

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b-Switch
www.dg-switch.com

REV: A0 SHEET: 2/2