

PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

GT-B0805 M S V 77 -XX X XX 01

G-Switch

Series No-

M-Male-

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

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	ALL G/F OR 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	E	F
20	13.80	7.20	8.80	12.20	10.86	12.21
30	17.80	11.20	12.80	16.20	14.86	16.21



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 Mate Connector

Molde Code: GT-B0805MSV77-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2026.01.20

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REV: A0	SHEET: 1/2
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A

B

C

D

E

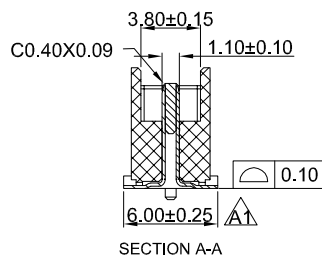
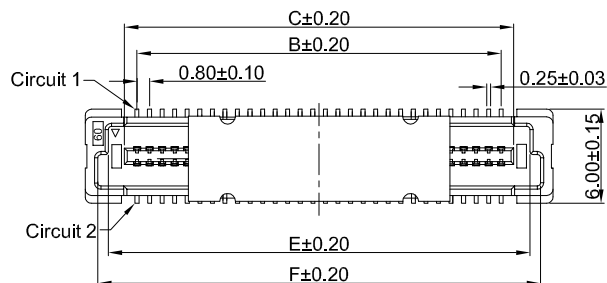
A

B

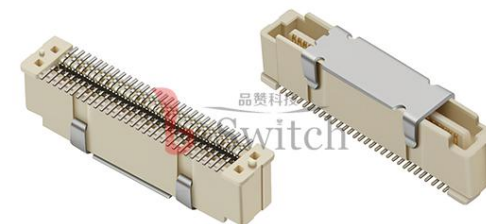
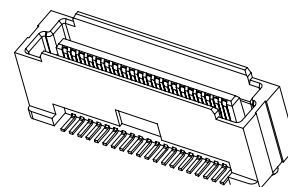
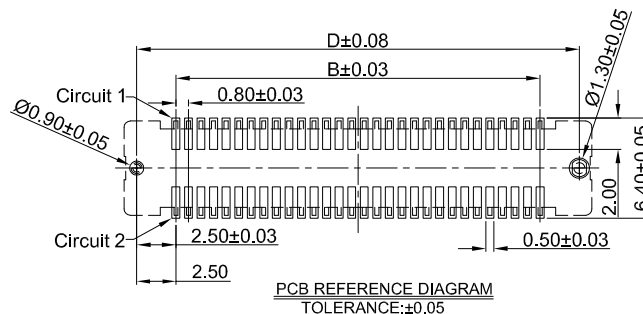
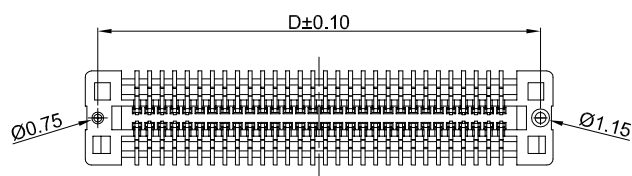
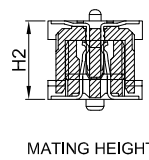
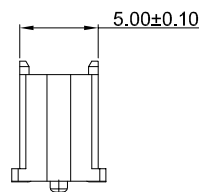
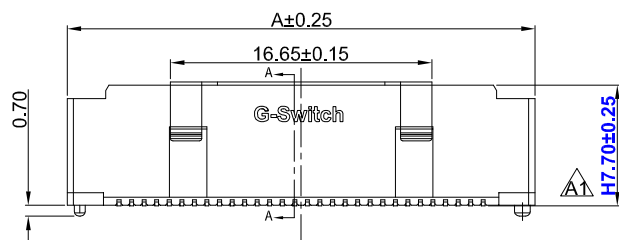
C

D

E

**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

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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**PCB REFERENCE DIAGRAM**
TOLERANCE:±0.05**Ordering Information:**

Circuit	Dimensions(mm)					
	A	B	C	D	E	F
40	21.80	15.20	16.80	20.20	18.86	20.21
50	25.80	19.20	20.80	24.20	22.86	24.21
60	29.80	23.20	24.80	28.20	26.86	28.21
80	37.80	31.20	32.80	36.20	34.86	36.21
100	45.80	39.20	40.80	44.20	42.86	44.21
120	53.80	47.20	48.80	52.20	50.86	52.21
140	61.80	55.20	46.80	60.20	58.86	60.21
160	69.80	63.20	64.80	68.20	66.86	68.21
180	77.80	71.20	72.80	76.20	74.86	76.21
200	85.80	79.20	80.80	84.20	82.86	84.21

SCALE: 1:1 UNIT: mm
SIZE: A4Unless 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
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REV: A1 SHEET: 2/2

1

2

3

4

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