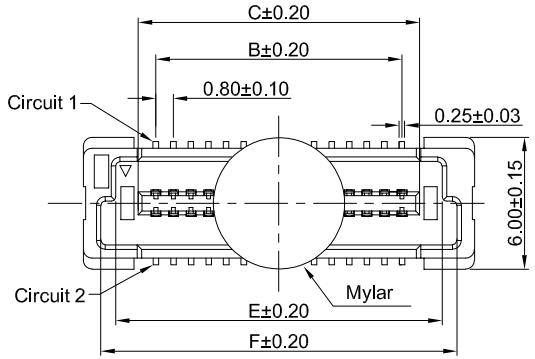
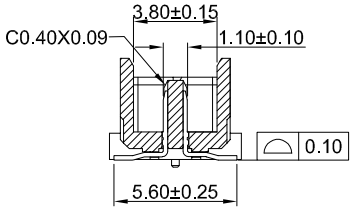
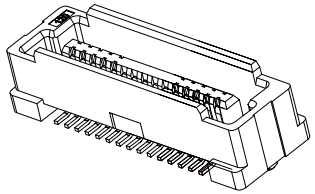


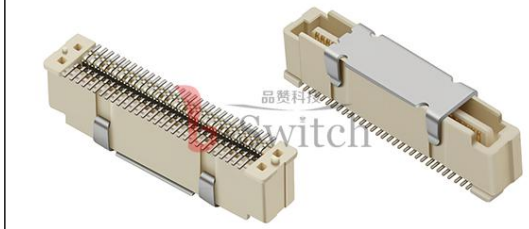


SECTION A-A

G-Switch Specification:

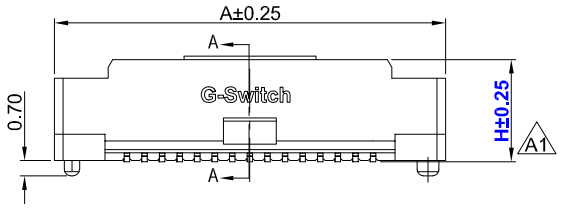
1.Current rated: 0.5A AC/DC
2. Voltage rating:100V AC/DC
3.Withstanding voltage: 500V AC
4.Contact resistance: 30mΩ Max.
5.Insulation resistance: 500MΩ min
6.Durability cycle: 50 Cycles
7.Removal force: 0.01kgf/Pin min
8.Operating temperature range: -40°C ~ +105°C

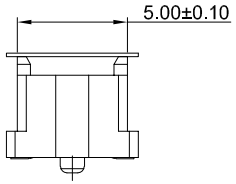


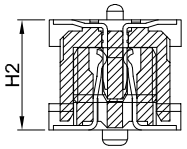


GT-B0805 M S V XX -XX X XX 01

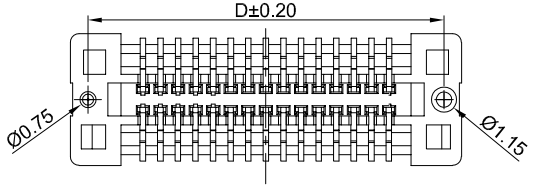
- **G-Switch**
- **Series No**
- **M-Male**
- **Termipoint**
  S-SMT
- **ANGLE**
  V-180°
- **Height**
  47-4.70mm
  57-5.70mm
  67-6.70mm
- **Pin Q' PY**
  20~200
- **Housing Colour**
  S-Nature
- **Terminal Plating**
  11-ALL G/F(H4.7mm)
  01-Gold Flash On Contact Area

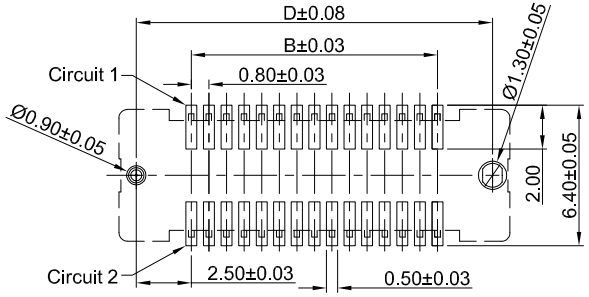






MATING HEIGHT





PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

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

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

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

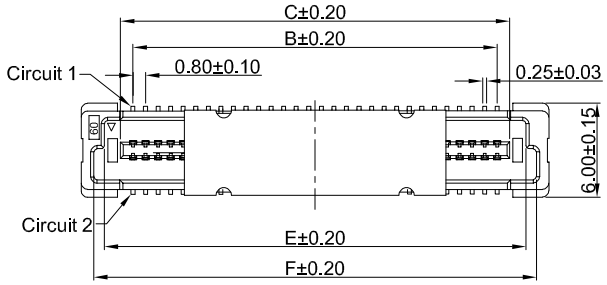
Pb Process Capable | RoHS Compliant EU RoHS Standards | Halogen Free Compliant Halogen Free

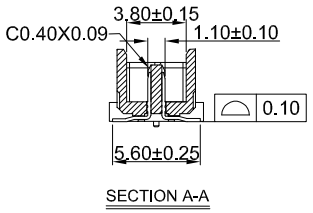
SCALE: 1:1	UNIT: mm	Title: BTB 0.80mm Pitch 180° Dual Rows SMT Type Mate Connector	
SIZE: A4			
Unless otherwise General Tolerance:		Model Code: GT-B0805MSVXX-XXXXX01	
X ±0.40			
X.x ±0.30			
X.xx ±0.20			
X° ±5°			
X.x° ±3°			

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2026.01.20

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REV: A0 SHEET: 1/2

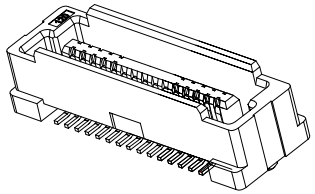


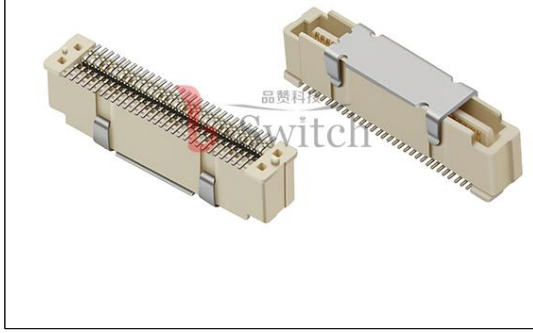


SECTION A-A

G-Switch Specification:

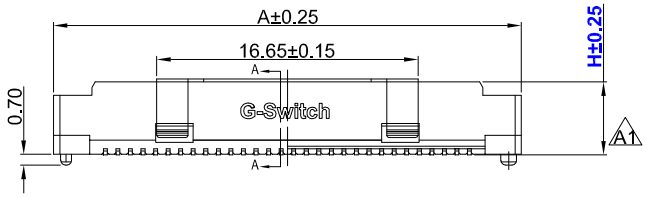
1.Current rated: 0.5A AC/DC
2. Voltage rating:100V AC/DC
3.Withstanding voltage: 500V AC
4.Contact resistance: 30mΩ Max.
5.Insulation resistance: 500MΩ min
6.Durability cycle: 50 Cycles
7.Removal force: 0.01kgf/Pin min
8.Operating temperature range: -40°C ~ +105°C

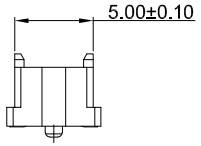


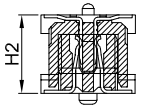


GT-B0805 M S V XX -XX X XX 01

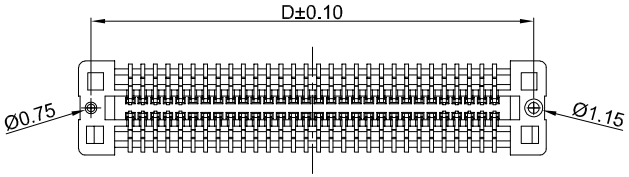
- **G-Switch**
- **Series No**
- **M-Male**
- **Termipoint** S-SMT
- **ANGLE** V-180°
- **Terminal Plating** 11-ALL G/F(H4.7mm) 01-Gold Flash On Contact Area
- **Housing Colour** S-Nature
- **Pin Q' PY** 20~200
- **Height** 47-4.70mm 57-5.70mm 67-6.70mm

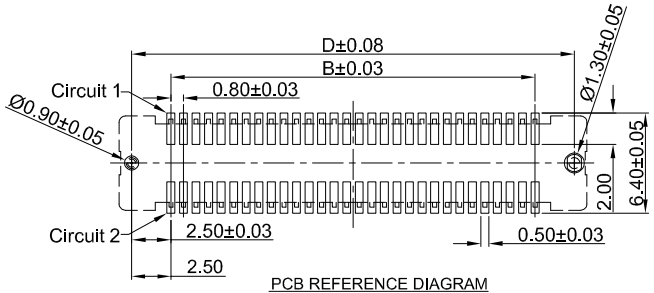






MATING HEIGHT





PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

MATING HEIGHT	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

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

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

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: BTB 0.80mm Pitch 180° Dual Rows SMT Type Mate Connector

Model Code: GT-B0805MSVXX-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2026.01.20

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REV: A1 SHEET: 2/2