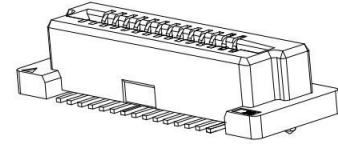


G-Switch Specification:

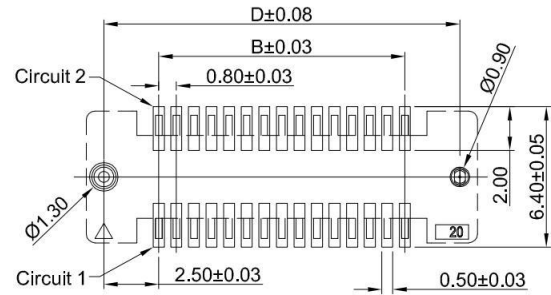
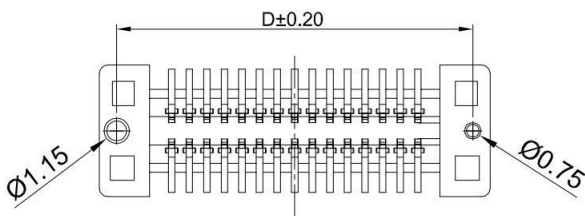
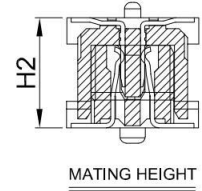
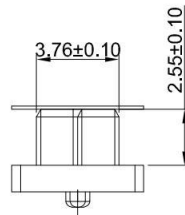
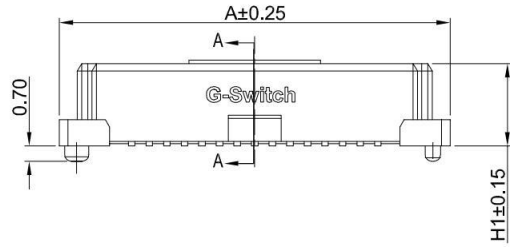
1. Current rated: 0.5A AC/DC
2. Voltage rating: 100V AC/DC
3. Withstanding voltage: 500V AC
4. Contact resistance: 30mΩ Max.
5. Insulation resistance: 500MΩ min
6. Durability cycle: 50 Cycles
7. Removal force: 0.01kgf/Pin min
8. Operating temperature range: -40°C ~ +105°C



GT-B0805 F S V 37 -XX X XX 01

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

Terminal Plating
 11-ALL G/F
Housing Colour
 S-Nature
Pin Q' PY
 20~200
Height
 37-3.70mm



RECOMMEND PCB LAYOUT
 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
1	HOUSING	LCP,94V-0	Nature

Ordering Information:

Circuit	Dimensions(mm)					
	A	B	C	D	E	F
20	13.80	7.20	9.60	12.20	10.80	12.15
30	17.80	11.20	13.60	16.20	14.80	16.15



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°

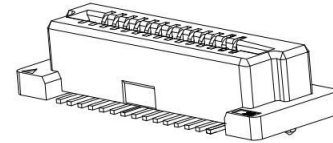
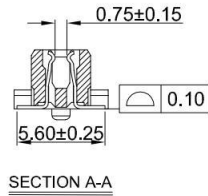
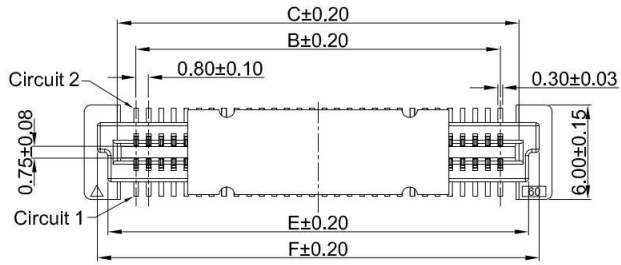
Title: BTB 0.80mm Pitch 180° Dual Rows SMT Type Female Connector

Molde Code: GT-B0805FSV37-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2022.12.28



REV: A0 SHEET: 1/2



G-Switch Specification:

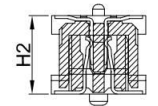
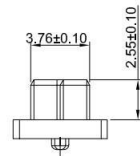
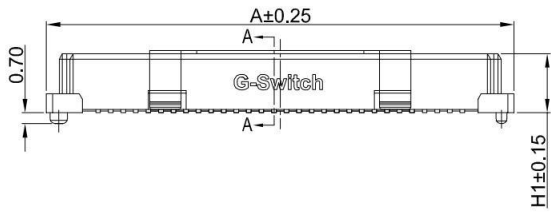
1. Current rated: 0.5A AC/DC
2. Voltage rating: 100V AC/DC
3. Withstanding voltage: 500V AC
4. Contact resistance: 30mΩ Max.
5. Insulation resistance: 500MΩ min
6. Durability cycle: 50 Cycles
7. Removal force: 0.01kgf/Pin min
8. Operating temperature range: -40°C ~ +105°C



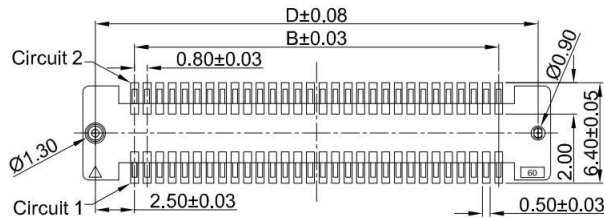
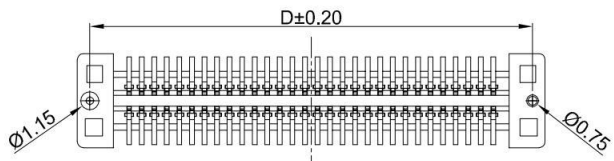
GT-B0805 F S V 37-XX X XX 01

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

Terminal Plating
 11-ALL G/F
Housing Colour
 S-Nature
Pin Q' PY
 20-200
Height
 37-3.70mm



MATING HEIGHT



RECOMMEND PCB LAYOUT
 TOLERANCE: ±0.05

Ordering Information:

Circuit	Dimensions(mm)					
	A	B	C	D	E	F
40	21.80	15.20	17.60	20.20	18.80	20.15
50	25.80	19.20	21.60	24.20	22.80	24.15
60	29.80	23.20	25.60	28.20	26.80	28.15
80	37.80	31.20	33.60	36.20	34.80	36.15
100	45.80	39.20	41.60	44.20	42.80	44.15
120	53.80	47.20	49.60	52.20	50.80	52.15
140	61.80	55.20	57.60	60.20	58.80	60.15
160	69.80	63.20	65.60	68.20	66.80	68.15
180	77.80	71.20	73.60	76.20	74.80	76.15
200	85.80	79.20	81.60	84.20	82.80	84.15

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

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

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-B0805FSV37-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2022.12.28



REV: A0 SHEET: 2/2

