

ANGLE
V-180°

—Pin Q' PY
20~200

— **Height**
37-3.70mm

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

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

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 Femate Connector
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Molde Code: GT-B0805FSV37-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2022.12.28

 品赞科技
www.dq-switch.com

REV: A0	SHEET: 1/2
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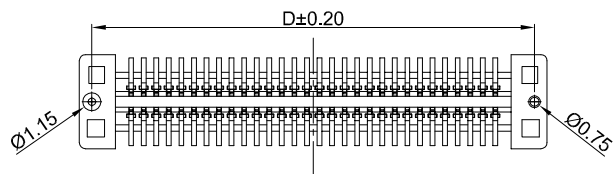
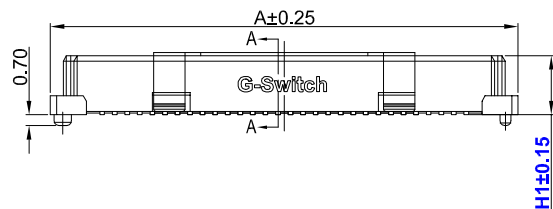
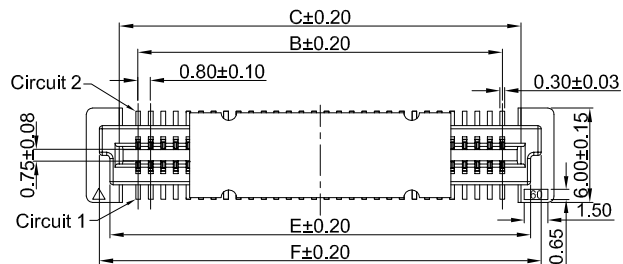
A

B

C

D

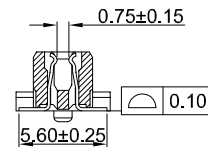
E

**Ordering Information:**

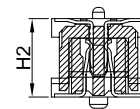
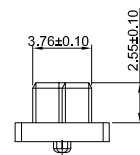
Circuit	Dimensions(mm)					
	A	B	C	D	E	F
40	21.80	15.20	17.60	20.20	18.80	20.15
50	25.80	19.20	21.60	24.20	22.80	24.15
60	29.80	23.20	25.60	28.20	26.80	28.15
80	37.80	31.20	33.60	36.20	34.80	36.15
100	45.80	39.20	41.60	44.20	42.80	44.15
120	53.80	47.20	49.60	52.20	50.80	52.15
140	61.80	55.20	57.60	60.20	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

G-Switch Specification:

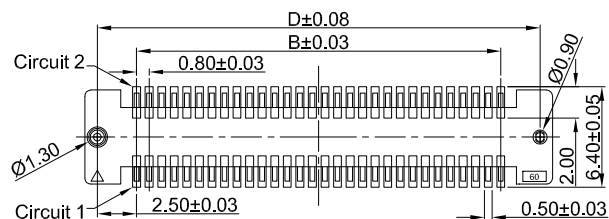
- 1.Current rated: 0.5A AC/DC
2. Voltage rating:100V AC/DC
- 3.Withstanding voltage: 500V AC
- 4.Contact resistance: 30mΩ Max.
- 5.Insulation resistance: 500MΩ min
- 6.Durability cycle: 50 Cycles
- 7.Removal force: 0.01kgf/Pin min
- 8.Operating temperature range: -40°C ~ +105°C



SECTION A-A



MATING HEIGHT

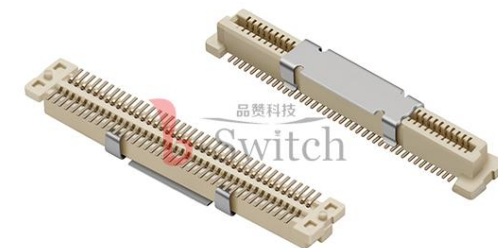
PCB REFERENCE DIAGRAM
TOLERANCE:±0.05SCALE: 1:1 UNIT: mm
SIZE: A4Unless otherwise
General Tolerance:
X ±0.40
X.x ±0.30
X.xx ±0.20
X" ±5°
X.x" ±3°Title: BTB 0.80mm Pitch 180° Dual Rows SMT
Type Female Connector

Molde Code: GT-B0805FSV37-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2022.12.28

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b-Switch
www.dg-switch.com

REV: A0 SHEET: 2/2



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

G-Switch

Series No

F-Female

Termipoint
S-SMTANGLE
V-180°Terminal Plating
11-ALL G/FHousing Colour
S-NaturePin Q' PY
20~200Height
37-3.70mm

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	ALL G/F		
1	HOUSING	LCP,94V-0	Nature		
NO.	PART NAME	MATERIAL	REMARK		

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