



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

Ordering Information:

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
40	21.38	20.13	0.10	160	81.38	80.14	0.15
80	41.38	40.13	0.10	200	101.38	100.14	0.15
120	61.38	60.13	0.15	---	---	---	---



MATING HEIGHT(H3)	PLUG (H1:mm)	SOCKET (H2:mm)
5.00	4.27	3.25
8.00	7.27	3.25
11.00	10.27	3.25
14.00	13.27	3.25
15.00	14.27	3.25
16.00	15.25	3.25
19.00	18.24	3.25
22.00	21.24	3.25
25.00	24.24	3.25
30.00	29.24	3.25

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 0.50mm Pitch 180° Dual Rows
SMT Type Female Connector

Molde Code: GT-B0507FSV32-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Hu	Chen	2022.12.28

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1



GT-B0507 F S V 32 -XX X XX 01

G-Switch	Terminal Plating
Series No	04-Au10u"
F-Female	Housing Colour
Termipoint	B-Black
S-SMT	Pin Q' PY
Angle	40~200
V-180°	Height
	32-3.25mm

G-Switch Specification:

- 1.Current rated: 2.0A AC/DC
- 2.Voltage rating: 225V AC/DC
- 3.Withstanding voltage: 675V AC
- 4.Contact resistance: 15mΩ Max.
- 5.Insulation resistance: 5000MΩ min
- 6.Durability cycle: 500 Cycles
- 7.Removal force: 0.01kgf/Pin min
- 8.Operating temperature range: -55°C ~ +125°C

2	CONTACT	PHOSPHOR BRONZE	Au10μ" ON CONTACT AREA
1	HOUSING	LCP,94V-0	BLACK
NO.	PART NAME	MATERIAL	REMARK