



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

Ordering Information:

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
40	20.00	18.48	0.10	160	80.00	78.48	0.15
80	40.00	38.48	0.10	200	100.00	98.48	0.15
120	60.00	58.48	0.15	---	---	---	---



MATING HEIGHT(H3)	PLUG (H1:mm)	SOCKET (H2:mm)
5.00	4.27	3.25
8.00	7.26	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 Mate Connector

Molde Code: GT-B0507MSV42XXXXX01

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 M S V 42 -XX X XX 01

G-Switch

Series No

M-Male

Termipoint
S-SMT

Angle
V-180°

Terminal Plating
04-Au10u"

Housing Colour
B-Black

Pin Q' PY
40~200

Height(H1)
42-4.27mm
72-7.26mm
10-10.27mm
13-13.27mm
14-14.27mm
15-15.25mm
18-18.24mm
31-21.24mm
24-24.24mm
29-29.24mm

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	Au10u" ON CONTACT AREA
1	HOUSING	LCP,94V-0	BLACK
NO.	PART NAME	MATERIAL	REMARK