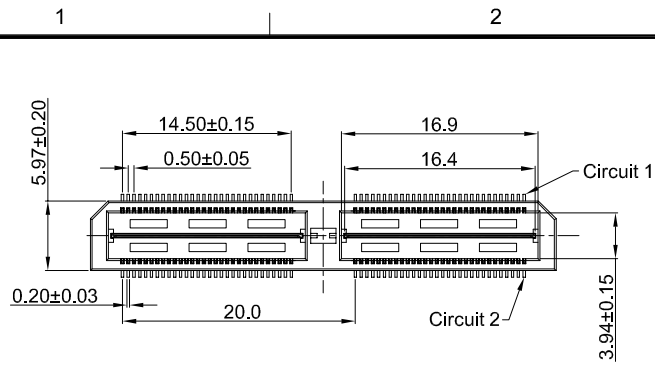
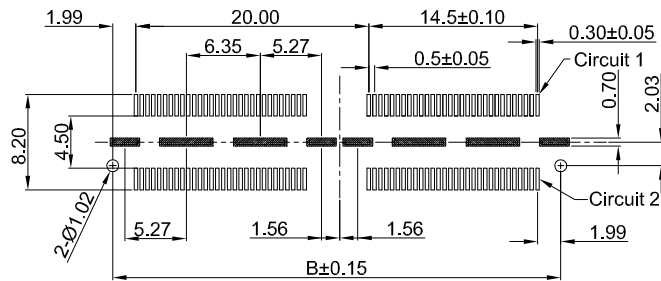
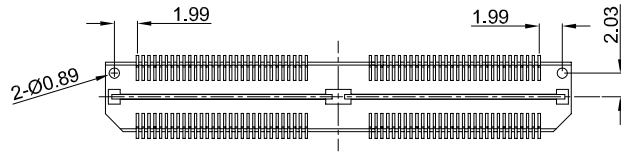


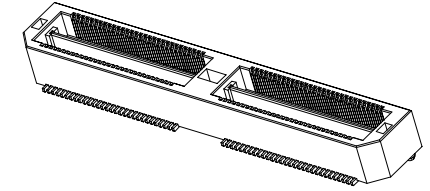
MATING HEIGHT



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

Ordering Information:

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
60	20.00	18.48	0.10	240	80.00	78.48	0.15
120	40.00	38.48	0.10	300	100.00	98.48	0.15
180	60.00	58.48	0.15	---	---	---	---



GT-B0507 M S V 42 -XX X XX 02

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
21-21.24mm
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

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-B0507MSV42XXXXX02

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