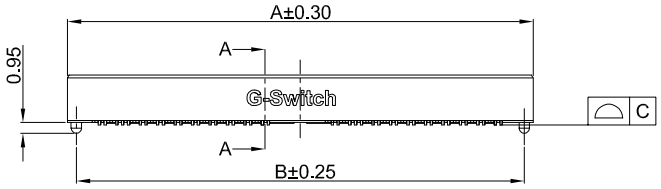
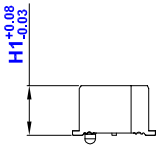
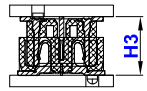


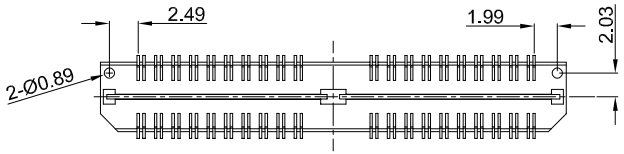
SECION:A-A

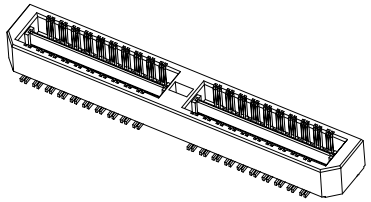


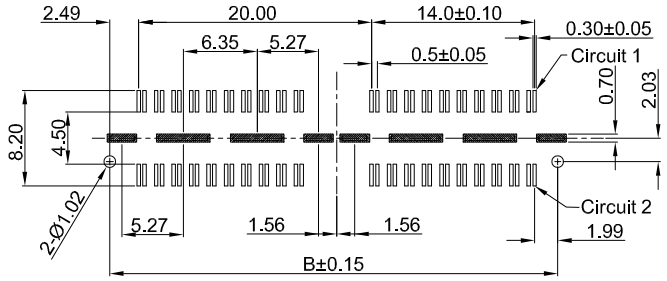




MATING HEIGHT







PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



GT-B0507 M S V 42 -XX X XX 01

- **G-Switch**
- **Series No**
- **M-Male**
- **Termipoint**: S-SMT
- **Angle**: V-180°
- **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
- **Housing Colour**: B-Black
- **Terminal Plating**: 04-Au10μ"

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

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

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

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	---	---	---	---

Pb Process Capable | RoHS Compliant EU RoHS Standards | Compliant Halogen Free

SCALE: 1:1	UNIT: mm	Title: BTB 0.50mm Pitch 180° Dual Rows SMT Type Mate Connector	
SIZE: A4			
Unless otherwise General Tolerance:		Model Code: GT-B0507MSV42XXXXX01	
X ±0.40			
X.x ±0.30			
X.xx ±0.20			
X° ±5°			
X.x° ±3°			

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