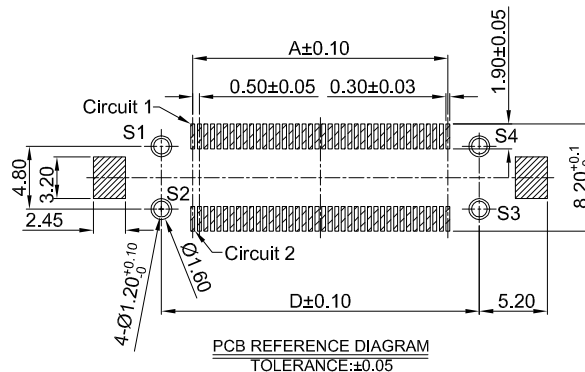
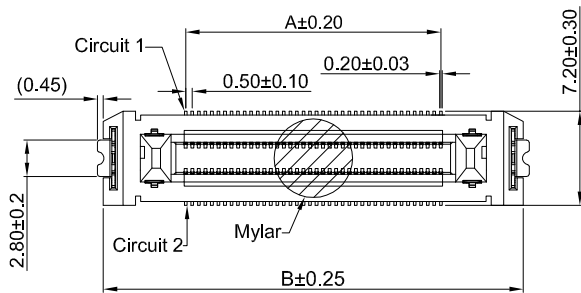


GT-B0505 M S V XX -XX X XX 01

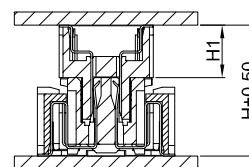
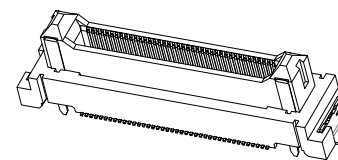
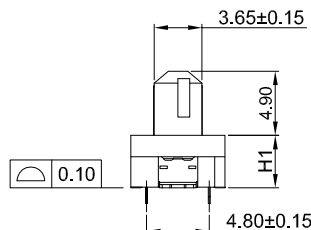
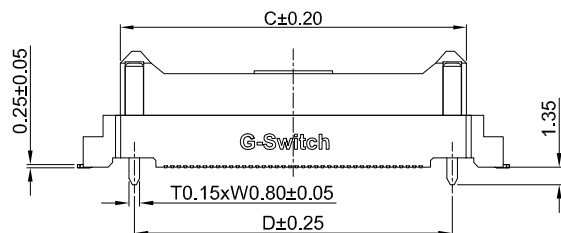
G-Switch
Series No
M-Male
Termipoint
 S-SMT
Angle
 V-180°
Terminal Plating
 12-All Au 3u"
Housing Colour
 B-Black
Pin Q' PY
 20~120
Height (H1)
 20-2.0mm
 40-4.00mm
 60-6.00mm

G-Switch Specification:

- Current rated: 0.5A AC/DC Signal Pin
Current rated: 5.0A AC/DC Power Pin
- Voltage rating: 50V AC/DC Signal Pin
Voltage rating: 200V AC/DC Power Pin
- Withstanding voltage: 100V AC for 1 min Signal Pin
Withstanding voltage: 600V AC for 1 min Power Pin
- Contact resistance: 60mΩ max.Signal pin /Power pin
- Insulation resistance: 100MΩ min Signal Pin
Insulation resistance: 1000MΩ Min Power Pin
- Durability cycle: 20 Cycles
- Removal force: 0.005kgf/Pin min
- Operating temperature range: -40°C ~ +105°C

Ordering Information:

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
20	4.50	17.10	11.46	9.30	60	14.50	27.10	21.46	19.30
30	7.00	19.60	13.96	11.80	80	19.50	32.10	26.46	24.30
40	9.50	22.10	16.46	14.30	100	24.50	37.10	31.46	29.30
50	12.00	24.60	18.96	16.80	120	29.50	42.10	36.46	34.30



MATING HEIGHT

MATING HEIGHT	PLUG (H1.mm)	SOCKET (H.mm)
8.0mm	2.0	6.0
10.0mm	4.0	6.0
12.0mm	6.0	6.0

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 Male Connector

Molde Code: GT-B0505MSVXX-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

NO.	PART NAME	NUMBER	MATERIAL	REMARK
4	SOLDER TABS+HD	2PCS	BRASS	MATTE Tin
3	POWER PIN	S1-S4	HIGH CONDUCTIVITY COPPER	ALL Au 3U"
2	SIGNAL PIN	PIN1 - PIN80		ALL Au 3U"
1	HOUSING	1PCS	LCP,94V-0	BLACK

