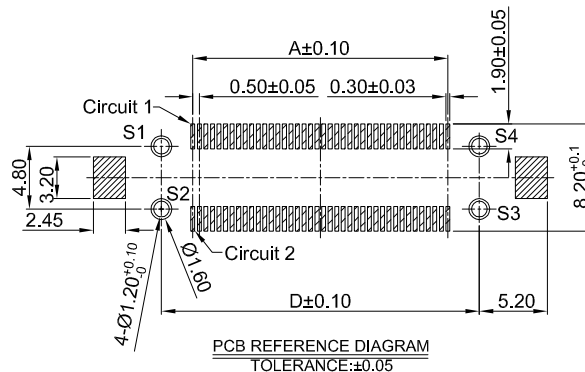
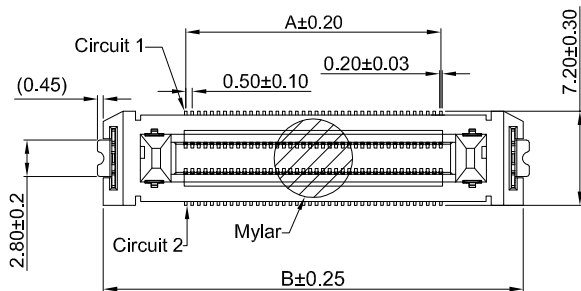




GT-B0505 M S V XX -XX X XX 01

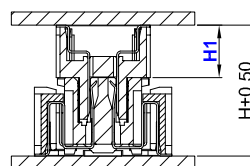
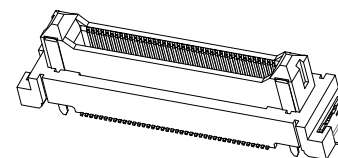
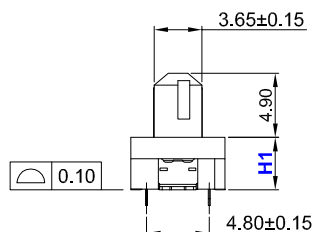
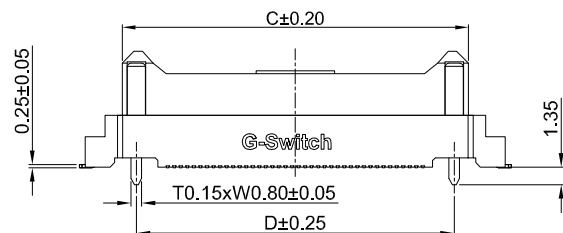
G-Switch
Series No
M-Male
Termipoint
S-SMT
Angle
V-180°
Terminal Plating
12-All Au 3u"
Housing Colour
B-Black
Pin Q' PY
20~120
Height (H1)
20-2.0mm
40-4.00mm
60-6.00mm

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	Title: BTB 0.50mm Pitch 180° Dual Rows SMT Type Male Connector			
SIZE: A4		Molde Code: GT-B0505MSVXX-XXXXX01			
Unless otherwise General Tolerance: 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
		REV: A0			
		SHEET: 1/1			

品赞科技
b-Switch
www.dg-switch.com

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

