



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05

GT-B0808 M S V XX -XX X XX 01

- G-Switch
- Series No
- M-Male
- Termipoint S-SMT
- Angle V-180°
- Terminal Plating 01-Au G/F
- Housing Colour S-Nature
- Pin Q' PY 20~160
- Height (H1) 80-8.0mm, 11-11.00mm, 12-12.00mm, 13-13.00mm, 14-14.00mm

- G-Switch Specification:**
- 1.Current rated: 0.5A AC/DC
 - 2.Voltage rating: 100V AC/DC
 - 3.Withstanding voltage: 200V AC for 1 min
 - 4.Contact resistance: 30mΩ max.
 - 5.Insulation resistance: 500MΩ min
 - 6.Durability cycle: 50 Cycles
 - 7.Removal force: 0.015kgf/Pin min
 - 8.Operating temperature range: -40°C ~ +85°C

Ordering Information:

Circuit	Dimension(mm)					PLUG	Mated Height					H1	H
	A	B	C	D	E		Soclet H1						
20	15.30	8.60	7.20	12.2	12.80		13.40	12.40	11.40	10.40	7.40		
30	19.30	12.60	12.20	16.20	16.80	8.00	16.00	15.00	14.00	13.00	10.00	8.00	---
40	23.30	16.60	15.20	20.20	20.80	11.00	19.00	18.00	17.00	16.00	13.00	11.00	3.00
50	27.30	20.60	19.20	24.20	24.80	12.00	20.00	19.00	18.00	17.00	14.00	12.00	4.00
60	31.30	24.60	23.20	28.20	28.80	13.00	21.00	20.00	19.00	18.00	15.00	13.00	5.00
80	39.30	32.60	31.20	36.20	36.80	14.00	22.00	21.00	20.00	19.00	16.00	14.00	6.00
100	47.30	40.60	39.20	44.20	44.80	---	---	---	---	---	---	---	---
120	55.30	48.60	47.20	52.20	52.80	---	---	---	---	---	---	---	---
160	71.30	64.60	63.20	68.20	68.80	---	---	---	---	---	---	---	---



SCALE: 1:1	UNIT: mm	Title: BTB 0.80mm Pitch 180° Dual Rows SMT Type Mate Connector	
SIZE: A4		Title: BTB 0.80mm Pitch 180° Dual Rows SMT Type Mate Connector	
Unless otherwise General Tolerance:		Title: BTB 0.80mm Pitch 180° Dual Rows SMT Type Mate Connector	
X	±0.40	Title: BTB 0.80mm Pitch 180° Dual Rows SMT Type Mate Connector	
X.x	±0.30	Title: BTB 0.80mm Pitch 180° Dual Rows SMT Type Mate Connector	
X.xx	±0.20	Title: BTB 0.80mm Pitch 180° Dual Rows SMT Type Mate Connector	
X°	±5°	Title: BTB 0.80mm Pitch 180° Dual Rows SMT Type Mate Connector	
X.x°	±3°	Title: BTB 0.80mm Pitch 180° Dual Rows SMT Type Mate Connector	
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MoIde Code: GT-B0808MSVXX-XXXXX01	DRAWN			CHECKED	APPROVED	DATE
	Xia	Hu	Chen	2022.12.28		

REV: A0 SHEET: 1/1