



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

Ordering Information:

G-Switch Specification:
 1.Current rating: 2A
 2.Rated Voltage: 12V DC
 3.Insulation resistance: 500MΩ min
 4.Contact resistance: 30mΩ max
 5.Dielectric strength: 500V RMS
 6.Operating temperature range: -40°C ~ +85°C

Circuit	DIM A	DIM B	DIM C	DIM D	DIM E	Circuit	DIM A	DIM B	DIM C	DIM D	DIM E				
2P	2.4	4.20±0.25	5.00	3.50		4P	4.0	5.80±0.25	10.00	8.50	5.00				
	3.0	4.80±0.25					4.5	6.30±0.25							
	3.5	5.30±0.25					5.5	7.30±0.25							
	4.0	5.80±0.25					5P	2.4				4.20±0.25	12.50	11.00	7.50
	4.5	6.30±0.25						3.0				4.80±0.25			
5.5	7.30±0.25	3.5	5.30±0.25												
3P	2.4	4.20±0.25	7.50	6.00	2.50	6P	4.0	5.80±0.25	15.00	13.50	10.00				
	3.0	4.80±0.25					4.5	6.30±0.25							
	3.5	5.30±0.25					5.5	7.30±0.25							
	4.0	5.80±0.25					2.4	4.20±0.25							
	4.5	6.30±0.25					3.0	4.80±0.25							
4P	5.5	7.30±0.25	10.00	8.50	5.00		3.5	5.30±0.25							
	2.4	4.20±0.25					4.0	5.80±0.25							
	3.0	4.80±0.25					4.5	6.30±0.25							
	3.5	5.30±0.25					5.5	7.30±0.25							

GT-BT P 250 XX - XXXX A - 010 A

G-Switch
Series
 BT: Battery
Type
 P: Plug
Pitch
 250=2.50
Pin Q'PY
 02=2Pin
 03=3Pin
 05=5Pin
Height
 0240=2.40
 0300=3.00
 0350=3.50
 0400=4.00
 0450=4.50
 0550=5.50

Detail
 Serial code
 Detail
 A:With olumn
 B:No olumn

NO.	PART NAME	MATERIAL	REMARK
3	FIXED PIECE	COPPER ALLOY	Tin PLATING
2	CONTACT	PHOSPHOR BRONZE	Au ON CONTACT AREA
1	HOUSING	LCP,94V-0	BLACK

SCALE: 1:1	UNIT: mm	Title: Vertical Pitch2.5 Battery Conn SMT C×5.3×H(A)mm	
SIZE: A4		Molde Code: GT-BTP250XX-XXXXA-010A	
Unless otherwise General Tolerance:		DRAWN	CHECKED
X	±0.40	Xia	Chen
X.x	±0.30	APPROVED	DATE
X.xx	±0.20	Chen	2023.12.28
X°	±5°	REV: A0	SHEET: 1/1
X.x°	±3°		



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