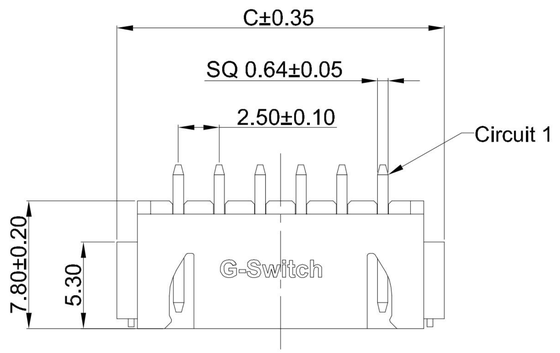
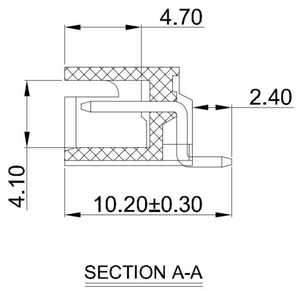
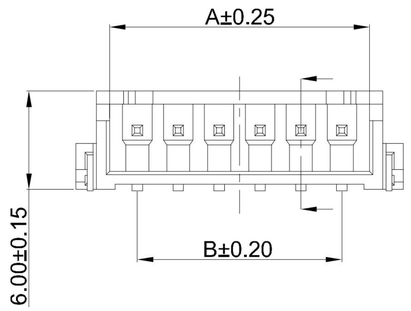
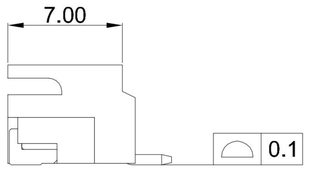
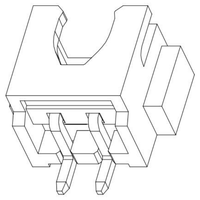




SECTION A-A







G-Switch Specification:

1.Current rated: 3.0A AC/DC
2.Voltage rating: 250V AC/DC
3.Withstanding voltage: 1000V AC
4.Contact resistance: 10mΩ max.
5.Insulation resistance: 1000MΩ min
6.Durability cycle: 30Cycles
7.Removal force: 1.50kgf/Pin min
8.Operating temperature range: -25°C ~ +85°C

GT-A2501 W R S-1 XX X XX 01

G-Switch

Series No

Connector
W-Wafer

Angle
R-90°

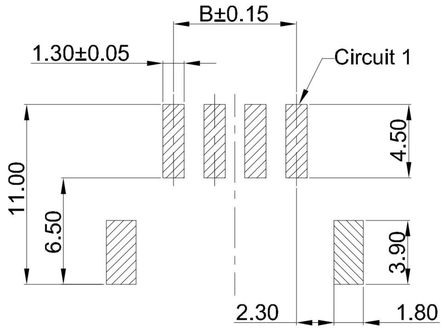
Termipoint
S-SMT

Terminal Plating
BT-Bright Tin

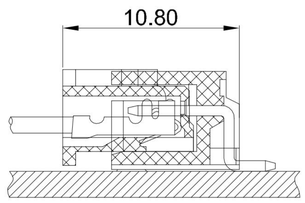
Housing Colour
S-Nature

Pin Q' PY
02~16

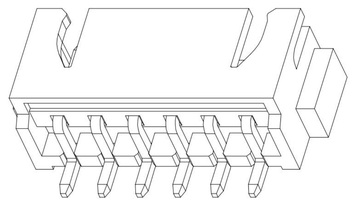
Row NO
1-Single row



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



PCB LAYOUT



Ordering Information:

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	5.90	---	10.00	10	25.90	22.50	30.00
03	8.40	5.00	12.50	11	28.40	25.00	32.50
04	10.90	7.50	15.00	12	30.90	27.50	35.00
05	13.40	10.00	17.50	13	33.40	30.00	37.50
06	15.90	12.50	20.00	14	35.90	32.50	40.00
07	18.40	15.00	22.50	15	38.40	35.00	42.50
08	20.90	17.50	25.00	16	40.90	37.50	45.00
09	23.40	20.00	27.50	---	---	---	---

NO.	PART NAME	MATERIAL	REMARK
4	SOLDER TABS	PHOSPHOR BRONZE	BRIGHT Tin
3	PIN MATERIAL	BRASS	BRIGHT Tin
2	CAP	LCP,94V-0	NATURE
1	HOUSING	LCP,94V-0	NATURE

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

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: Wafer Pitch 2.50mm 90° XH SMT Type Connector

Molde Code: GT-A2501WRS-1XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Hu	Chen	2022.12.28

品赞科技 G-Switch www.dg-switch.com

REV: A0 | SHEET: 1/1

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