

G-Switch Specification:

1. Current rated: 1.0A AC/DC
2. Voltage rating: 125V AC/DC
3. Withstanding voltage: 250V AC
4. Contact resistance: 20mΩ max.
5. Insulation resistance: 100MΩ min
6. Durability cycle: 50Cycles
7. Removal force: 0.50kgf/Pin min
8. Operating temperature range: -25°C ~ +85°C



GT-A1251 W V S-1 XX X XX 01

G-Switch

Series No

Connector
W-Wafer

Angle
V-180°

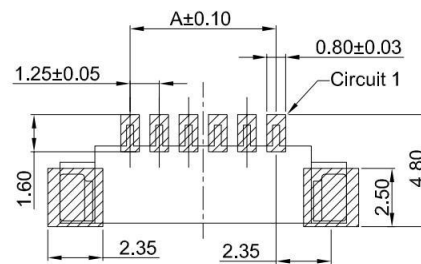
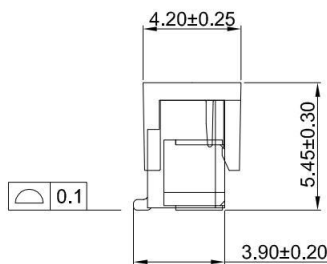
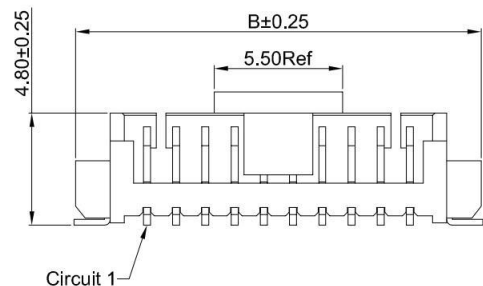
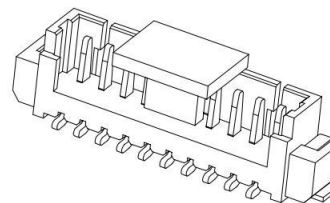
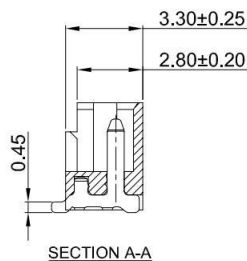
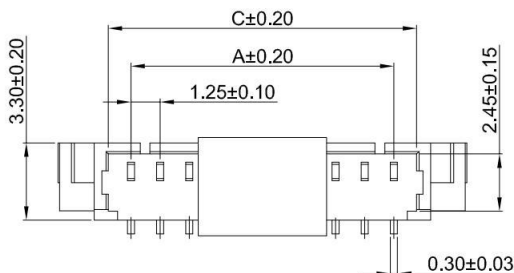
Termipoint
S-SMT

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

Ordering Information:

Circuit	Dimension(mm)			Circuit	Dimension(mm)		
	A	B	C		A	B	C
02	---	7.30	3.10	10	11.25	17.30	13.10
03	2.50	8.55	4.35	11	12.50	18.55	14.35
04	3.75	9.80	5.60	12	13.75	19.80	15.60
05	5.00	11.05	6.85	13	15.00	21.05	16.85
06	6.25	12.30	8.10	14	16.25	22.30	18.10
07	7.50	13.55	9.35	15	17.50	23.55	19.35
08	8.75	14.80	10.60	16	18.75	24.80	20.60
09	10.00	16.05	11.85	---	---	---	---

NO.	PART NAME	MATERIAL	REMARK
3	SOLDER TABS	BRASS	BRIGHT Tin
2	CONTACT	BRASS	BRIGHT Tin
1	HOUSING	LCP,94V-0	NATURE



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 1.25mm Pitch 180° SMT Type
Single Row Connector

Molde Code: GT-A1251WVS-1XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2022.12.28



REV: A0 SHEET: 1/1