

A

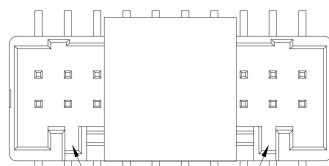
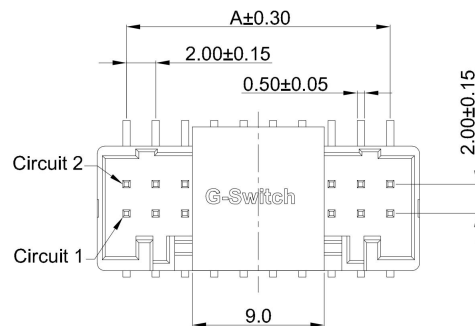
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C

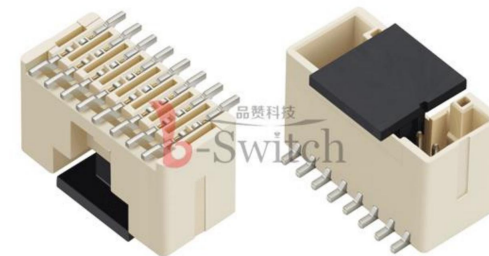
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E

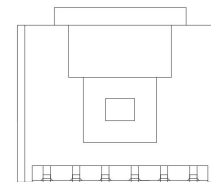
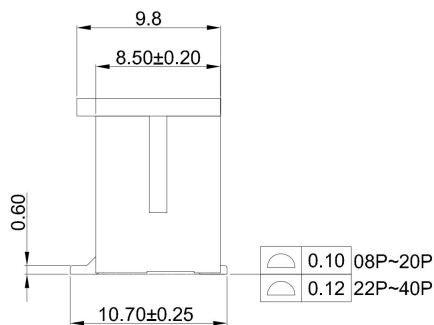
1

**G-Switch Specification:**

- 1.Current rated: 3.0A AC/DC
- 2.Voltage rating: 250V AC/DC
- 3.Withstanding voltage: 800V AC
- 4.Contact resistance: 10mΩ max.
- 5.Insulation resistance: 1000MΩ min
- 6.Durability cycle: 30Cycles
- 7.Removal force: 1.00kgf/Pin min
- 8.Operating temperature range: -25°C ~ +85°C



2



12P~18P

3

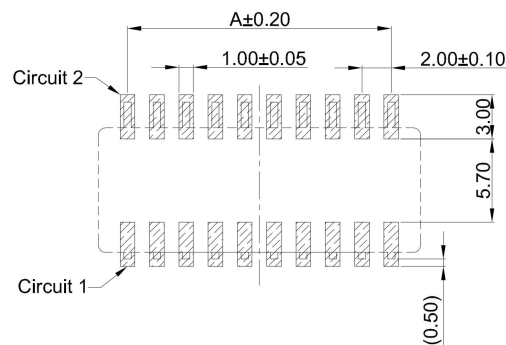
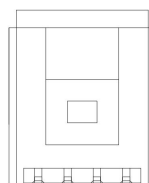
GT-A2012 W V S -2 XX X XX 01

G-Switch

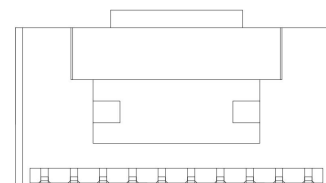
Series No

Connector
W-WaferAngle
V-180°Termipoint
S-SMTTerminal Plating
BT-Bright Tin
11-All G/FHousing Colour
S-NaturePin Q' PY
08~40Row NO
2-Dual Rows

4

RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

8P~10P



20P~40P

Ordering Information:

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
08	6.00	10.00	26	24.00	28.00
10	8.00	12.00	28	26.00	30.00
12	10.00	14.00	30	28.00	32.00
14	12.00	16.00	32	30.00	34.00
16	14.00	18.00	34	32.00	36.00
18	16.00	20.00	36	34.00	38.00
20	18.00	22.00	38	36.00	40.00
22	20.00	24.00	40	38.00	42.00
24	22.00	26.00	---	---	---

5

3	CONTACT	BRASS	BRIGHT Tin/ALL G/F
2	CAP	LCP,94V-0	BLACK
1	HOUSING	LCP,94V-0	NATURE
NO.	PART NAME	MATERIAL	REMARK

A

B

C

D

E

RoHS
Compliant
EU RoHS Standards

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 2.00mm Pitch 180° PUD SMT
Type Dual Rows Connector

Molde Code: GT-A2012WVS-2XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Hu	Chen	2021.10.20

品赞科技
b-Switch
www.dg-switch.com

REV: A0

SHEET: 1/2

5

A

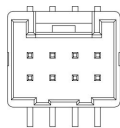
B

C

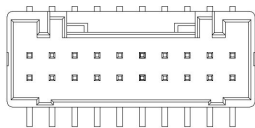
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E

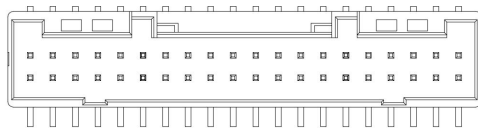
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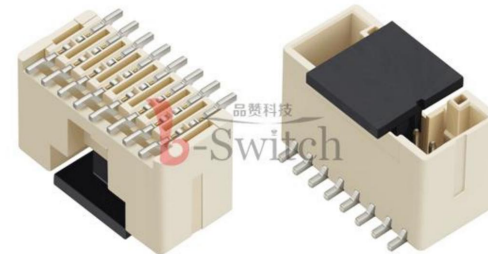
8Pin



20Pin

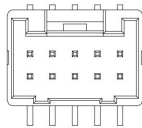


40Pin

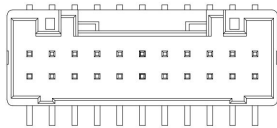


1

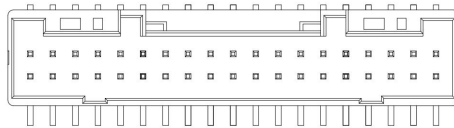
2



10Pin



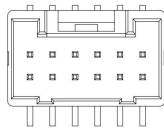
22Pin



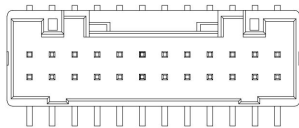
38Pin

GT-A2012 W V D -2 XX X XX 01

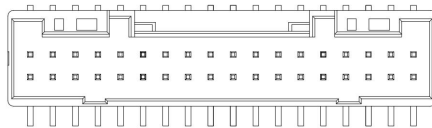
2



12Pin



24Pin



36Pin

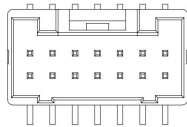
G-Switch

Series No

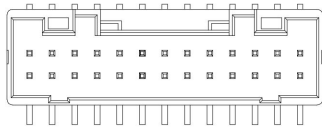
Connector
W-WaferAngle
V-180°Termipoint
D-DIPTerminal Plating
BT-Bright Tin
11-All G/FHousing Colour
W-WhitePin Q' PY
08~40Row NO
2-Dual Rows

3

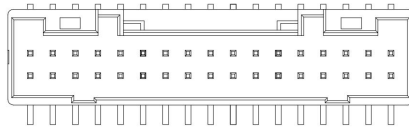
3



14Pin



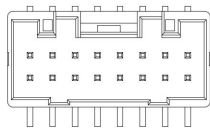
26Pin



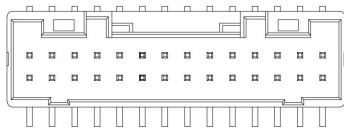
34Pin

4

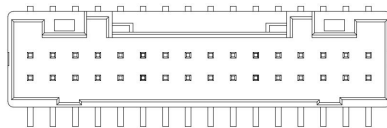
4



16Pin



28Pin



32Pin

5

2	PIN MATERIAL	BRASS	BRIGHT Tin/ALL G/F
1	HOUSING	PA66,94V-0	WHITE
NO.	PART NAME	MATERIAL	REMARK

A

B

C

D

E

RoHS
Compliant
EU RoHS Standards

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 2.00mm Pitch 180° PUD DIP
Type Dual Rows Connector

Molde Code: GT-A2012WVD-2XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Hu	Chen	2021.10.20

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REV: A0 SHEET: 2/2

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