

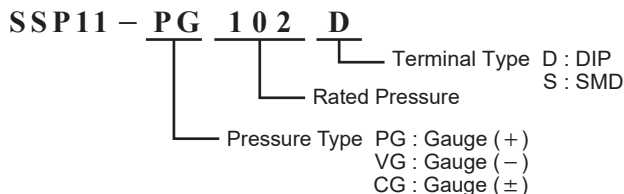


Semiconductor Pressure Sensor / SSP Series

FEATURES

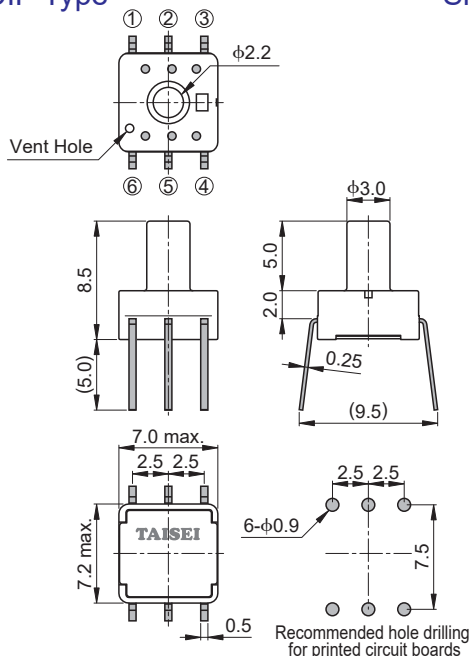
- The SSP11 series is a small plastic package type.
- Built-in amplification and temperature compensation circuits, eliminate the need for circuit design and characteristic adjustment.
- Terminal types are DIP and SMD.
- It can be used for various devices such as general-purpose devices, measuring instruments, household devices, and medical devices.

MODEL

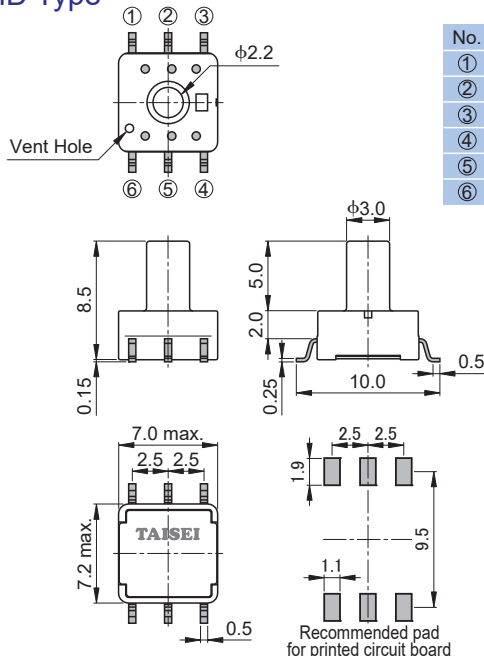


EXTERNAL DIMENSIONS AND TERMINAL ARRANGEMENT

DIP Type



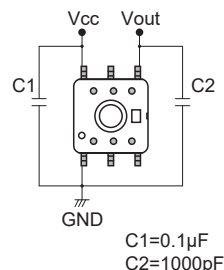
SMD Type



Unit : mm Tolerance $\pm 0.3\text{mm}$

No.	Signal Name	Name
①	Vcc	Power Input
②	NC	Unconnected
③	Vout	Output Voltage
④	NC	Unconnected
⑤	NC	Unconnected
⑥	GND	GND

Recommended Circuit



SPECIFICATIONS

Model No.		CG102	VG102	PG501	PG102	PG202	PG502	PG103
Terminal Type	D (DIP)	○	○	○	○	○	○	○
	S (SMD)	○	○	No Description	○	○	○	○
Rated Pressure	[kPa]	± 100	- 100	50	100	200	500	1000
Maximum Overload Pressure		Rated Pressure $\times 2$						Rated Pressure $\times 1.5$
Pressure Type		Gauge						
Pressure Medium		Non-Corrosive Gases						
Operating Temperature Range	[°C]	- 20 ~ + 85 (No Freezing and Condensation)						
Compensation Temperature Range	[°C]	0 ~ + 60 (No Freezing and Condensation)						
Supply Voltage	[V]	5 ± 0.25						
Output Voltage *1,2	[V]	0.5 ~ 4.5						
Total Accuracy *1,2	[%FS]	± 1.25						
Maximum Current Consumption *1	[mA]	10						

NOTE *1 Shows the value when the supply voltage is 5V. The value fluctuates due to fluctuations in voltage, but the error is not included.
*2 The total accuracy is the factory value. Please design so that it can be corrected when the offset voltage deviates.

⚠ Specifications of products are subject to change without notice.

e-ssp_series-02



<http://www.mkt-taisei.co.jp/>

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