



### Features

- ◆ Low Cost
- ◆ Gauge Version
- ◆ Constant Current or Constant Voltage Drive

### Applications

- ◆ Medical Instrumentation
- ◆ Industrial Sensor
- ◆ Home Appliances

Preliminary



## Specification

Type of package	DIP
Pressure medium	Dry air or non-corrosive gas

	Min	Nominal	Max	Unit
Excitation Voltage		5.0		V
Excitation Current		1.5		mA
Bridge Impedance	2.7	3.3	3.9	k $\Omega$
Span <sup>1</sup>				
0.3 psi	25.0	50.0	75.0	mV
Offset	-30.0	0	+30.0	mV
TC Span <sup>2</sup> (Constant Voltage)	-0.28	-0.2	-0.12	%FS/°C
TC Span <sup>3</sup> (Constant Current)	-0.08	0	0.08	%FS/°C
Linearity <sup>4</sup>	-0.5	$\pm 0.3$	+0.5	%FS
Hysteresis	-0.5	$\pm 0.3$	+0.5	%FS
Burst Pressure			3X	Rated FS
Operating Temperature	0		50.0	°C
Storage Temperature	-40.0		125.0	°C

<sup>1</sup> Span is measured at 5.0V constant voltage supply at 25°C.

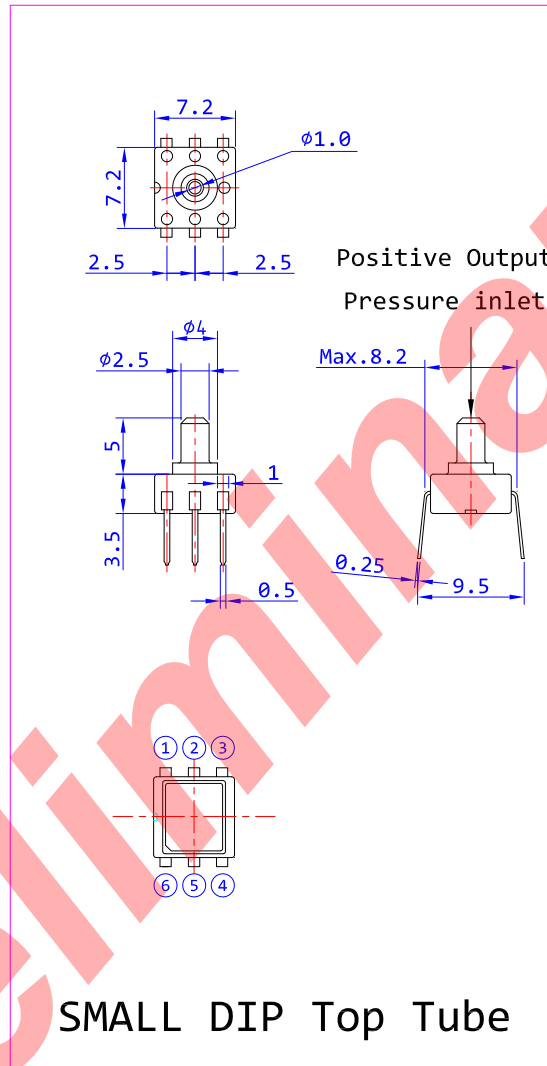
<sup>2</sup> Temperature coefficients is measured from 0°C to 50°C @ 5.0V constant voltage excitation.

<sup>3</sup> Temperature coefficients is measured from 0°C to 50°C @ 1.5mA constant current excitation.

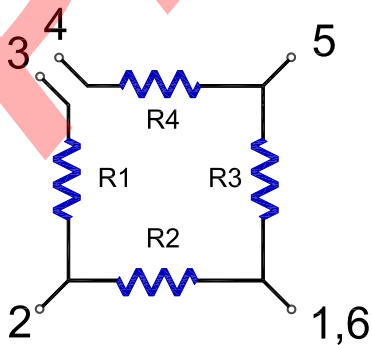
<sup>4</sup> Defined as best straight line.

### Pads Layout and Definition

Tube type



Unit: mm

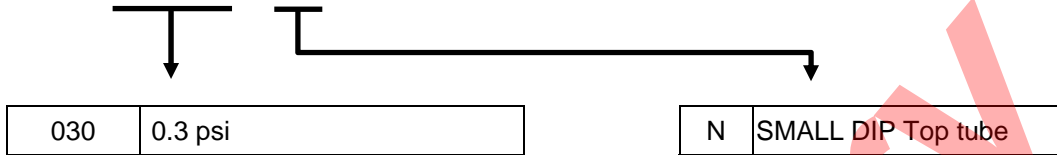


Pin	Definition
1	Ext
2	S+
3	Gnd
4	Gnd
5	S-
6	N/C



**Ordering Information**

US – 9411 - □□□ - □



Preliminary