



## Parameters of Octagonal Resistance Sensing Element Product

Parameters	Unit	Value
Type of Pressure	-	Gauge Pressure/Absolute Pressure
Materials	-	96% Al <sub>2</sub> O <sub>3</sub>
Service Life	Times	>5Million Times of Pressure Cycles
Pressure Range	MPa	1.0/2.0/3.2
Thickness	mm	3.0±0.1
Sensitivity	mV/V/FS	2.0-4.0
Pressure Induced area	mm	6.5±0.5
Zero pressure output	mV/V	≤6.0
Working temperature	°C	-40~135
Storage temperature	°C	-40~150
Repeatability&Hysteresis	%FS	≤±0.2
Nonlinearity	mV/ V	≤0.2
Bridge Resistance	KΩ	7.5±20%
Temperature Characteristic	%FS/°C	≤±0.025