



Parameters of Thin Piezoresistive Products

Parameters	Unit	Value
Type of Pressure	-	Gauge Pressure/Absolute Pressure
Materials	-	96% Al ₂ O ₃
Service Life	Times	>3Million Times of Pressure Cycles
Pressure Range	MPa	1.0/2.0/3.5
Thickness	mm	3.34±0.10/3.48±0.10/3.60±0.10
Sensitivity	mV/V/FS	2.0-4.0
Temperature Coefficient	FS/K max	±0.025
Zero Pressure Output	mV/V	±6.0
Overload Pressure	MPa	>2X
Burst Pressure	MPa	> 15.0
Working Voltage	VDC	2.0-10.0
Input Resistance	kΩ	10.0±3.0
Output Resistance	kΩ	10.0±3.0
Nonlinearity	%FS	≤0.15
Repeatability	%FS	≤0.15
Hysteresis	%FS	≤0.15
Stability	%FS/y	≤±0.30