



Strain Gauges

Product Description

As one of the leading strain gauge manufacturers, our wide range of strain gauges comprises of an extensive assortment for widely differing strain measurement applications - over 6,000 types of strain gauges are available. Due to the combination of excellent services with a comprehensive range of accessories experience, We the perfect partner for your strain measurement project.

Product highlights

- Linear Single grid pattern with both tabs on one side(Bottom or top) of the grid
- For Standard applications
- Constantan measuring grid material
- Polyimide backing material
- Working temperature $-80 \sim +150$ Celsius
- Rated Resistance: 120 Ohm
- K-factor 1.86 \sim 2.2
- Cycles: > 1 million



TSM

Performance¹	
Nominal resistance	350,650,1000.
Resistance tolerance to average resistance	$\leq \pm 0.1\%$
Gauge factor	2.00 ~ 2.20
Dispersion of Gauge Factor	$\leq \pm 1\%$
Strain limit	2%
Fatigue life	$\geq 10^7$ (± 1000)
Working temperature range	-20 ~ +80
Backing thickness	30 ~ 31
Insulation resistance	10^6
Protective layer thickness (μm)	13 ~ 15
50°C resistance change rate (ppm)	29

