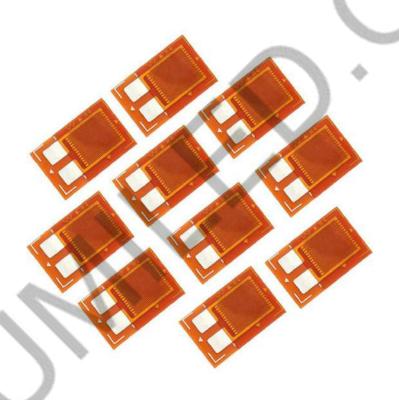
## Foil Resistance Strain Gauge 350 ohm BF350-3AA



## Introduction

A resistive strain gauge sensor with a 350-ohm nominal resistance which varies when a force is applied. By measuring the change in the sensor's resistance, a measurement of the force applied to it can be obtained. The strain gauges exhibit small changes in resistance. Usually used in general metal materials and other similar elastomers.

## **Parameters**

Type BF350-3 AA Resistance  $350 \Omega$  (typ.)

The Basal Material Epoxy-Modified Phenolic

**Basal Material Thickness**  $32 \pm 1(um)$ **Grid Material** Constantan Insulation resistance 10000  $\Omega$ Sensitivity Coefficient 2.1 Sensitivity Coefficient Dispersion  $\leq \pm 1\%$ Transverse effect coefficient 0.4% 2.0% Strain Limit Fatigue Lifetime ≥1M

Size 7.1 X 4.5mm/0.28 X 0.18inch(L\*W)

Working Temperature  $-30^{\sim}+80^{\circ}$ C
Temperature Compensation Aluminium
Temperature Compensation Coefficient 9,11,16,23,27

Backing Material  Kind of Strain Gage		Resistance in OHMs Active Gage Length			S.T.CODE.M.C  Grid and Tab Geometry Creep Compensation				
	L T			: :	44	and tab Odome	23	TO	
В		F	Phenolices		AA	Homo taxial	Steel	11	T5 T3 T1 T8 T6 T4 N4 N6 N8 N0 N1 N3 N5 N7 N9  creep minus positive
	Foil	н	Ероху	120	НА	45° Indented Slice			
	Specific use	X		175 350 500 700 1000 1500	GB	Sewmi-bridge Slice		23	
т		A	Polyimide		FG	Full-bridge Slice			
		В	Reinforced Laminated Epoxy		KA	Wafer Slice		16	

