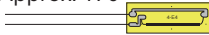
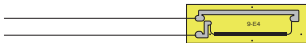
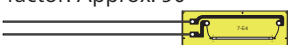


# Gages for Ultra-small Strain Measurement (KSPH & KSPLB)

Patterns, Gage Resistance, Gage Factor	Models	Dimensions (mm)				Remarks								
		Gage (Grid)		Base										
		Length	Width	Length	Width									
<div>●KSPH Series High-output Semiconductor Strain Gages</div> <div>RoHS</div> <div>Uniaxial 2000Ω gage</div> <div>Resistance: 2000 Ω</div> <div>Gage factor: Approx. 170</div> <div></div>	<div>The KSPH series gages have high resistance, thereby making high excitation voltage applicable to obtain high output voltage.</div> <div>Applicable Adhesives</div> <table><tr><th></th><th>Operating Temp. after Curing the Adhesive</th></tr><tr><td>EP-340</td><td>-50 to 150°C</td></tr><tr><td>CC-33A</td><td>-50 to 120°C</td></tr><tr><td>CC-36</td><td>-30 to 100°C</td></tr></table>		Operating Temp. after Curing the Adhesive	EP-340	-50 to 150°C	CC-33A	-50 to 120°C	CC-36	-30 to 100°C	4	0.73	11	4	4 gages/ pkg
	Operating Temp. after Curing the Adhesive													
EP-340	-50 to 150°C													
CC-33A	-50 to 120°C													
CC-36	-30 to 100°C													
<div>Uniaxial 10000Ω gage</div> <div>Resistance: 10000 Ω</div> <div>Gage factor: Approx. 170</div> <div></div>	<div>Resistance: 10000 Ω</div> <div>Gage factor: Approx. 170</div> <div>KSPH-9-10K-E4</div>	9	0.58	16	5	4 gages/ pkg								
Patterns, Gage Resistance, Gage Factor	Models	Dimensions (mm)				Remarks								
		Gage (Grid)		Base										
		Length	Width	Length	Width									
<div>●KSPLB Ultra Linear Semiconductor Strain Gage</div> <div>RoHS</div> <div>Uniaxial 60Ω gage</div> <div>Resistance: 60 Ω</div> <div>Gage factor: Approx. 90</div> <div></div>	<div>The KSPLB gage features a superior linearity of resistance change against strain in a comparatively wide range, thereby making it suitable as a sensing element of transducers.</div> <div>Applicable Adhesives</div> <table><tr><th></th><th>Operating Temp. after Curing the Adhesive</th></tr><tr><td>CC-33A</td><td>-50 to 120°C</td></tr><tr><td>EP-340</td><td>-50 to 150°C</td></tr></table>		Operating Temp. after Curing the Adhesive	CC-33A	-50 to 120°C	EP-340	-50 to 150°C	7	0.28	14	5	4 gages/ pkg		
	Operating Temp. after Curing the Adhesive													
CC-33A	-50 to 120°C													
EP-340	-50 to 150°C													



Outline

Lead-wire cable

General

Waterproof

Concrete

Composite material  
PCB  
PlasticsUltra-small strain  
High temp.  
Low temp.

High elongation

Non-  
magnetoresistiveHydrogen gas  
BendingWith protector  
Embedded

Crack

Adhesive  
Coating agentCustom-  
designed