

# Micro-strain Measuring Gages

# KSP

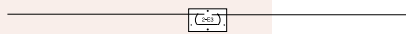
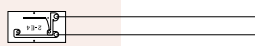
### Applicable Adhesives and Operating Temperature Ranges

PC-12: -50 to 150°C  
CC-33A: -55 to 120°C

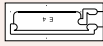



## ■ Semiconductor Strain Gages

The KSP gages are stable-performance semiconductor strain gages usable for general stress measurement and transducers. The F2 type has a half-bridge formed with 2 elements, positive and negative, for self-temperature compensation and is suitable for strain measurement of steel products.

## KSP Gages ● Uniaxial 120Ω

Pattern	Leadwire Cable – Type and Shape	Operating Temp. Range	Leadwire Length	Model
 <p><b>KSP-2-120-E3</b></p> <p><b>Uniaxial</b></p> <ul style="list-style-type: none"> <li>● Gage Factor: Approx. 120</li> <li>● Base Size: 5 x 3 mm</li> <li>● Gage Length: 2 mm</li> <li>● Gage Resistance: 120Ω</li> <li>● Pieces per Pack: 4</li> </ul>	Silver-clad copper wires	-50 to 150°C	25mm	KSP-2-120-E3
 <p><b>KSP-2-120-E4</b></p> <p><b>Uniaxial</b></p> <ul style="list-style-type: none"> <li>● Gage Factor: Approx. 120</li> <li>● Base Size: 7.7 x 4 mm</li> <li>● Gage Length: 2 mm</li> <li>● Gage Resistance: 120Ω</li> <li>● Pieces per Pack: 4</li> </ul>	Silver-clad copper wires	-50 to 150°C	25mm	KSP-2-120-E4

# KSP Gages ● Uniaxial 350Ω/Uniaxial 1000Ω/Uniaxial 2-element 120Ω

Pattern	Leadwire Cable – Type and Shape	Operating Temp. Range	Leadwire Length	Model
 <p><b>KSP-6-350-E4</b></p> <p><b>Uniaxial</b></p> <ul style="list-style-type: none"> <li>● Gage Factor: Approx. 120</li> <li>● Base Size: 13 x 5 mm</li> <li>● Gage Length: 6 mm</li> <li>● Gage Resistance: 350Ω</li> <li>● Pieces per Pack: 4</li> </ul>	Silver-clad copper wires	-50 to 150°C	25mm	KSP-6-350-E4
 <p><b>KSP-1-350-E4</b></p> <p><b>Uniaxial</b></p> <ul style="list-style-type: none"> <li>● Gage Factor: Approx. 150</li> <li>● Base Size: 6.6 x 4 mm</li> <li>● Gage Length: 1 mm</li> <li>● Gage Resistance: 350Ω</li> <li>● Pieces per Pack: 4</li> </ul>	Silver-clad copper wires	-50 to 150°C	25mm	KSP-1-350-E4
 <p><b>KSP-2-1K-E4</b></p> <p><b>Uniaxial</b></p> <ul style="list-style-type: none"> <li>● Gage Factor: Approx. 160</li> <li>● Base Size: 7.7 x 4 mm</li> <li>● Gage Length: 2 mm</li> <li>● Gage Resistance: 1000Ω</li> <li>● Pieces per Pack: 4</li> </ul>	Silver-clad copper wires	-50 to 150°C	25mm	KSP-2-1K-E4
 <p><b>KSP-3-120-F2</b></p> <p><b>Uniaxial 2-element</b></p> <ul style="list-style-type: none"> <li>● Gage Factor: Approx. 225</li> <li>● Applicable Linear Expansion Coefficient: 11</li> <li>● Self-temperature Compensation Range: 20 to 70°C</li> <li>● Base Size: 10 x 4 mm</li> <li>● Gage Length: 3 mm</li> <li>● Gage Resistance: 120Ω</li> <li>● Pieces per Pack: 2</li> </ul>	Silver-clad copper wires	-50 to 150°C	25mm	KSP-3-120-F2-11