



Micro-strain Measuring Gages

KSP

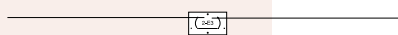

Applicable Adhesives and Operating Temperature Ranges

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

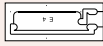



■ Semiconductor Strain Gages

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>KSP-2-120-E3</p> <p>Uniaxial</p> <ul style="list-style-type: none"> ● Gage Factor Approx. 120 ● Base Size 5 x 3 mm ● Gage Length 2 mm ● Gage Resistance 120Ω ● Pieces per Pack 4 	Silver-clad copper wires	-50 to 150°C	25mm	KSP-2-120-E3
 <p>KSP-2-120-E4</p> <p>Uniaxial</p> <ul style="list-style-type: none"> ● Gage Factor Approx. 120 ● Base Size 7.7 x 4 mm ● Gage Length 2 mm ● Gage Resistance 120Ω ● Pieces per Pack 4 	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>KSP-6-350-E4</p> <p>Uniaxial</p> <ul style="list-style-type: none"> ● Gage Factor: Approx. 120 ● Base Size: 13 x 5 mm ● Gage Length: 6 mm ● Gage Resistance: 350Ω ● Pieces per Pack: 4 	Silver-clad copper wires	-50 to 150°C	25mm	KSP-6-350-E4
 <p>KSP-1-350-E4</p> <p>Uniaxial</p> <ul style="list-style-type: none"> ● Gage Factor: Approx. 150 ● Base Size: 6.6 x 4 mm ● Gage Length: 1 mm ● Gage Resistance: 350Ω ● Pieces per Pack: 4 	Silver-clad copper wires	-50 to 150°C	25mm	KSP-1-350-E4
 <p>KSP-2-1K-E4</p> <p>Uniaxial</p> <ul style="list-style-type: none"> ● Gage Factor: Approx. 160 ● Base Size: 7.7 x 4 mm ● Gage Length: 2 mm ● Gage Resistance: 1000Ω ● Pieces per Pack: 4 	Silver-clad copper wires	-50 to 150°C	25mm	KSP-2-1K-E4
 <p>KSP-3-120-F2</p> <p>Uniaxial 2-element</p> <ul style="list-style-type: none"> ● Gage Factor: Approx. 225 ● Applicable Linear Expansion Coefficient: 11 ● Self-temperature Compensation Range: 20 to 70°C ● Base Size: 10 x 4 mm ● Gage Length: 3 mm ● Gage Resistance: 120Ω ● Pieces per Pack: 2 	Silver-clad copper wires	-50 to 150°C	25mm	KSP-3-120-F2-11