
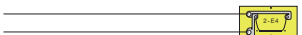

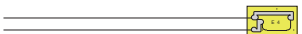
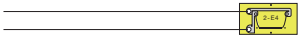
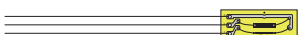

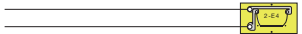

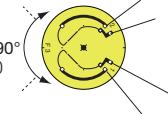
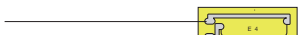


Semiconductor Strain Gages for Ultra-Small Strain Measurement



Pattern, Gage Resistance, Gage Factor	Model	Dimensions (mm)				Remarks
		Grid		Base		
		Length	Width	Length	Width	
●KSP Series Semiconductor Strain Gages The KSP series 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.						
Uniaxial Resistance : 120Ω, Gage factor : Approx. 120 	Applicable Adhesives and Operating Temperature Range after Curing CC-33A : -50 to 120°C CC-36 : -30 to 100°C PC-12B : -50 to 150°C					
	KSP-2-120-E3	2	0.25	5	3	
Uniaxial Resistance : 120Ω, Gage factor : Approx. 120 	KSP-2-120-E4	2	0.26	7.7	4	
Uniaxial 350Ω gage Resistance : 350Ω, Gage factor : Approx. 120 	KSP-6-350-E4	6	0.27	13	5	
Uniaxial 350Ω gage Resistance : 350Ω, Gage factor : Approx. 150 	KSP-1-350-E4	1	0.25	6.6	4	
Uniaxial 1000Ω gage Resistance : 1000Ω, Gage factor : Approx. 160 	KSP-2-1K-E4	2	0.25	7.7	4	
Uniaxial, 2-element Resistance : 120Ω, Gage factor : Approx. 225 	KSP-3-120-F2-11	3	n0.83 p0.47	10	4	A minimum quantity 2 piece
●KSN Series Self-temperature-compensation Semiconductor Gages The KSN series gages use an n-type silicon for the resistive element to control the resistance temperature coefficient of the material according to the linear expansion coefficient of the measuring object. Thus, thermally-induced resistance change is minimized.						
Uniaxial Resistance : 120Ω, Gage factor : Approx. -100 	Applicable Adhesives and Operating Temperature Range after Curing PC-12B : -50 to 150°C CC-33A : -50 to 120°C CC-36 : -30 to 100°C EP-17 : -50 to 150°C (Applicable only for E5 type)					
	KSN-2-120-E3-11	2	0.3	5	3	
	KSN-2-120-E3-16					
Uniaxial Resistance : 120Ω, Gage factor : Approx. -100 	KSN-2-120-E4-11	2	0.3	7.7	4	A minimum quantity 2 piece
	KSN-2-120-E4-16					
Uniaxial Resistance : 120Ω, Gage factor : Approx. -110 	KSN-2-120-E5-11	2	0.3	—	—	Oxygen-free tin-plated copper wires 40 mm long each
	KSN-2-120-E5-16					
Biaxial, 0°/90° Resistance : 120Ω Gage factor : Approx. -100 	KSN-2-120-F3-11	2	0.3	φ11	—	A minimum quantity 2 piece
	KSN-2-120-F3-16					
Uniaxial 350Ω gages Resistance : 350Ω, Gage factor : Approx. -100 	KSN-6-350-E4-11	6	0.31	13	5	
	KSN-6-350-E4-16					

For further information please contact:

TEST MACHINES AUSTRALIA
 0418 369 505
 sales@testmachines.com.au
 www.testmachines.com.au

A minimum quantity 4 piece