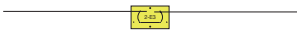








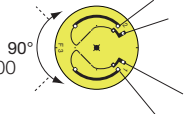
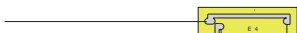


# Semiconductor Strain Gages for Ultra-Small Strain Measurement



Pattern, Gage Resistance, Gage Factor	Model	Dimensions (mm)				Remarks
		Grid		Base		
		Length	Width	Length	Width	
<b>●KSP Series Semiconductor Strain Gages</b> 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.						
<b>Uniaxial</b> Resistance : 120Ω, Gage factor : Approx. 120 	<b>Applicable Adhesives and Operating Temperature Range after Curing</b> 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	
<b>Uniaxial</b> Resistance : 120Ω, Gage factor : Approx. 120 						
	KSP-2-120-E4	2	0.26	7.7	4	
<b>Uniaxial 350Ω gage</b> Resistance : 350Ω, Gage factor : Approx. 120 						
	KSP-6-350-E4	6	0.27	13	5	
<b>Uniaxial 350Ω gage</b> Resistance : 350Ω, Gage factor : Approx. 150 						
	KSP-1-350-E4	1	0.25	6.6	4	
<b>Uniaxial 1000Ω gage</b> Resistance : 1000Ω, Gage factor : Approx. 160 						
	KSP-2-1K-E4	2	0.25	7.7	4	
<b>Uniaxial, 2-element</b> Resistance : 120Ω, Gage factor : Approx. 225 						
	KSP-3-120-F2-11	3	n0.83 p0.47	10	4	A minimum quantity 2 piece
<b>●KSN Series Self-temperature-compensation Semiconductor Gages</b> 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.						
<b>Uniaxial</b> Resistance : 120Ω, Gage factor : Approx. -100 	<b>Applicable Adhesives and Operating Temperature Range after Curing</b> 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					
<b>Uniaxial</b> 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					
<b>Uniaxial</b> 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					
<b>Biaxial, 0°/90°</b> 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					
<b>Uniaxial 350Ω gages</b> 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