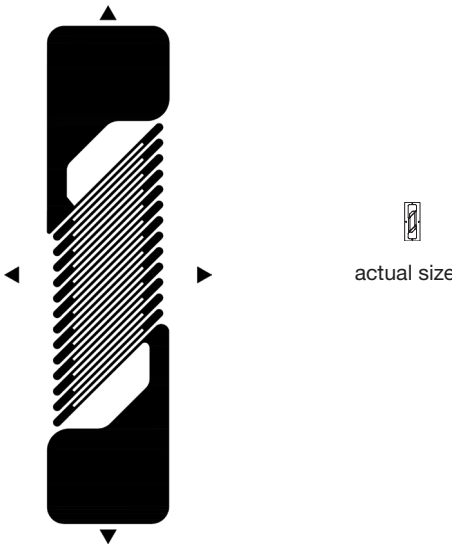

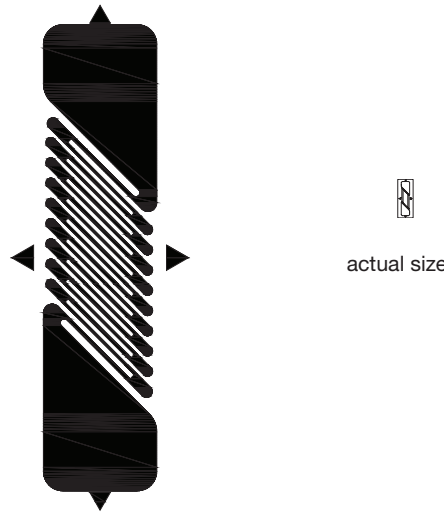



Transducer-Class® Strain Gages with Advanced Sensors Technology

GAGE PATTERN DATA			
	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2K-XX-S5218Q-350/DG/E5 N5K-XX-S5218Q-350/DG/E5 N2K-XX-S5033Q-10C/DG/E5 N5K-XX-S5033Q-10C/DG/E5 N2K-XX-S5034Q-50C/DG/E5 N5K-XX-S5034Q-50C/DG/E5	350 ±0.2% 350 ±0.2% 1000 ±0.2% 1000 ±0.2% 5000 ±0.2% 5000 ±0.2%	Q* Q* Q Q Q Q
DESCRIPTION Single-element miniature shear pattern.			 RoHS COMPLIANT

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.034	0.173	0.050	0.042	0.19	0.08
0.86	4.39	1.27	1.07	4.9	2.0

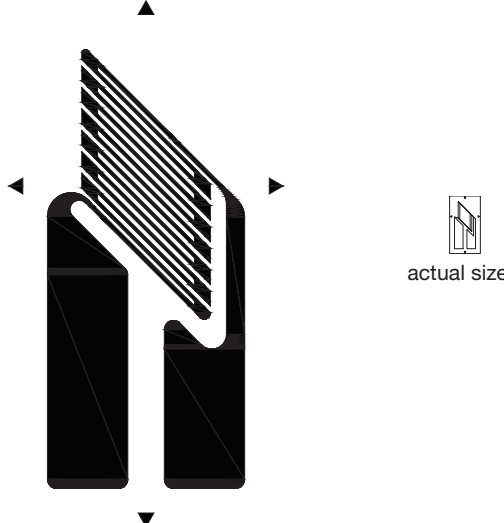

* Only creep code available for this gage.
Copper plating for tabs is available.

S5276 GAGE PATTERN DATA			
	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2K-XX-S5276Q-10C/DG/E5 N5K-XX-S5276Q-10C/DG/E5	1000 ±0.2% 1000 ±0.2%	Q* Q*
DESCRIPTION Right-hand version of S5033.			 RoHS COMPLIANT

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.034	0.173	0.050	0.042	0.19	0.08
0.85	4.39	1.27	1.07	4.9	2.0

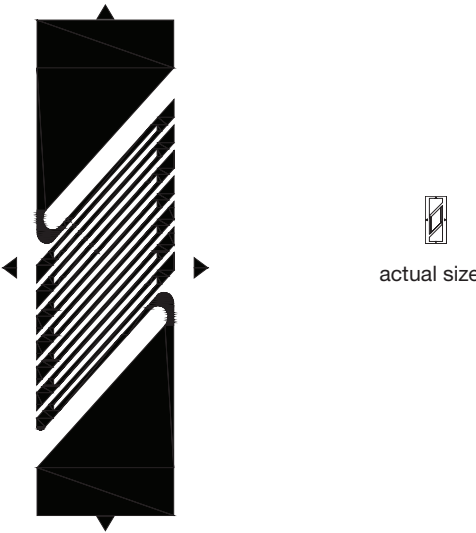

* Only creep code available for this gage.
Copper plating for tabs is available.

Transducer-Class® Strain Gages with Advanced Sensors Technology

GAGE PATTERN DATA			
 <p>actual size</p>	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2K-XX-S5125T-350/DG/E3	350 ±0.2%	T*
	N5K-XX-S5125T-350/DG/E3	350 ±0.2%	T*
	N2K-XX-S5102T-10C/DG/E3	1000 ±0.2%	T*
	N5K-XX-S5102T-10C/DG/E3	1000 ±0.2%	T*
DESCRIPTION Single-element shear pattern with tabs on one end.			 RoHS COMPLIANT

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.075	0.255	0.060	0.108	0.30	0.16
1.90	6.48	1.52	2.74	7.5	4.0

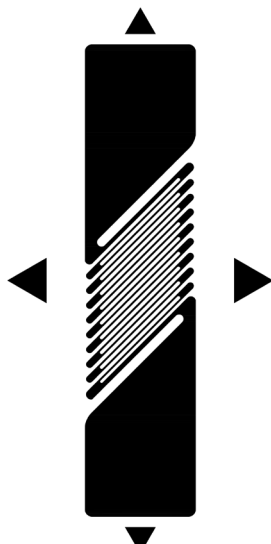

* Only creep code available for this gage.
Copper plating for tabs is available.

S5282 GAGE PATTERN DATA			
 <p>actual size</p>	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2K-XX-S5282T-350/DG/E4	350 ±0.2%	T*
	N5K-XX-S5282T-350/DG/E4	350 ±0.2%	T*
DESCRIPTION Single-element shear pattern.			 RoHS COMPLIANT

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.075	0.240	0.059	0.070	0.25	0.11
1.91	6.14	1.50	1.78	6.4	2.9

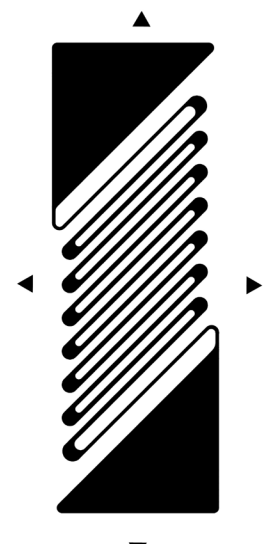

* Only creep code available for this gage.
Copper plating for tabs is available.

Transducer-Class® Strain Gages with Advanced Sensors Technology

S5358 GAGE PATTERN DATA			
  actual size	GAGE DESIGNATION N2A-XX-S5358T-350/E4	RESISTANCE IN OHMS 350 ±0.2%	STD. CREEP CODE T*
	DESCRIPTION Single-element shear pattern.		

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.075	0.320	0.060	0.075	0.38	0.19
1.91	8.13	1.52	1.91	9.6	4.8

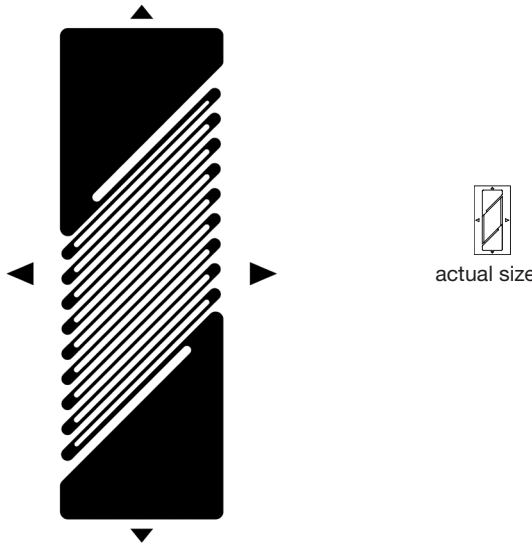

* Only creep code available for this gage.

S5183 GAGE PATTERN DATA			
  actual size	GAGE DESIGNATION N2K-XX-S5183U-175/DG/E4 N5K-XX-S5183U-175/DG/E4	RESISTANCE IN OHMS 175 ±0.15% 175 ±0.15%	STD. CREEP CODE U* U*
	DESCRIPTION Single-element shear pattern.		

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.113	0.320	0.116	0.110	0.38	0.17
2.87	8.12	2.95	2.79	9.7	4.4

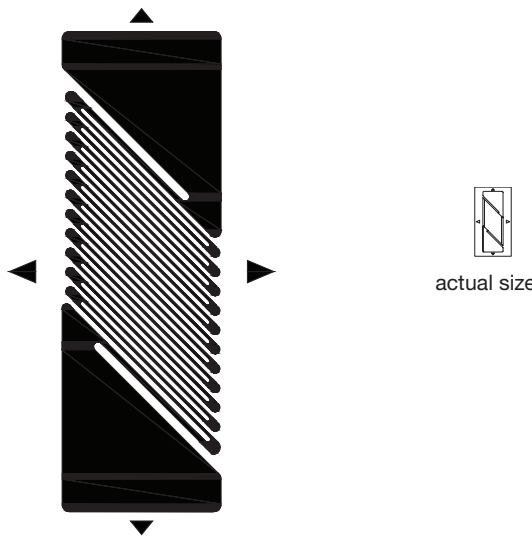

Copper plating for tabs is available.

Transducer-Class® Strain Gages with Advanced Sensors Technology

S5303 GAGE PATTERN DATA			
	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2A-XX-S5303R-350/E5	350 ±0.2%	R*
DESCRIPTION			 RoHS COMPLIANT
Single-element shear pattern.			

GAGE DIMENSIONS						inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width		
0.125	0.316	0.102	0.105	0.36	0.19		
3.17	8.02	2.59	2.66	9.1	4.8		

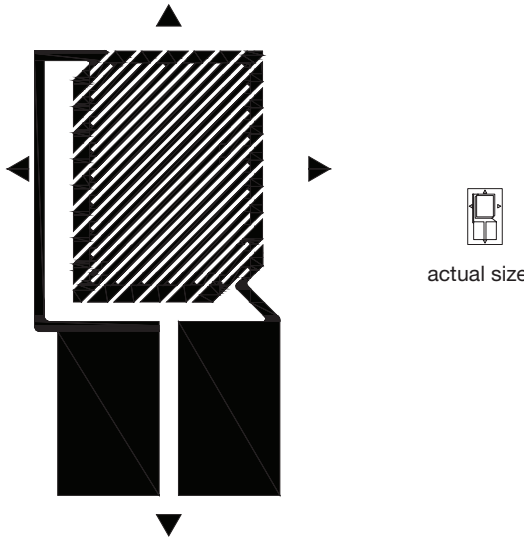

* Only creep code available for this gage.

S5306 GAGE PATTERN DATA			
	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2A-XX-S5306X-350/E5	350 ±0.2%	X*
DESCRIPTION			 RoHS COMPLIANT
Right-hand version of S5303.			

GAGE DIMENSIONS						inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width		
0.125	0.316	0.100	0.105	0.36	0.19		
3.17	8.02	2.54	2.66	9.1	4.8		

* Only creep code available for this gage.

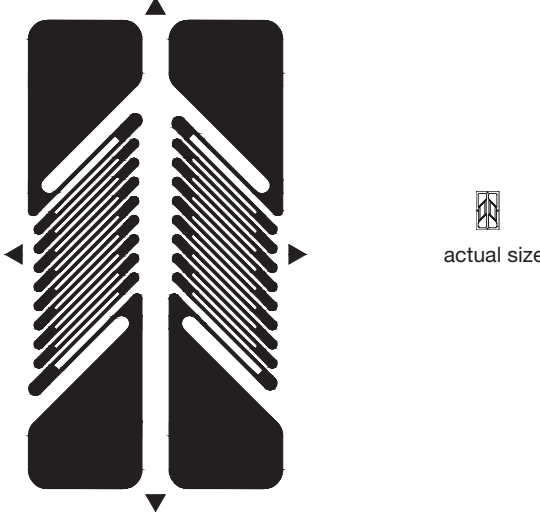

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S5061 GAGE PATTERN DATA			
 <p>actual size</p>	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2K-XX-S5061Q-50C/DP/E5 N5K-XX-S5061Q-50C/DP/E5	5000 ±0.2% 5000 ±0.2%	Q* Q*
DESCRIPTION High-resistance single-element shear pattern with tabs on one side.			

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.120	0.232	0.136	0.115	0.28	0.18
3.05	5.89	3.45	2.92	7.2	4.4

* Only creep code available for this gage.
Copper plating for tabs is available.

Transducer-Class® Strain Gages with Advanced Sensors Technology

GAGE PATTERN DATA			
 <p>actual size</p>	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2K-XX-S5136Q-175/DG/E4	175 ±0.2%	Q*
	N5K-XX-S5136Q-175/DG/E4	175 ±0.2%	Q*
	N2K-XX-S5130Q-350/DG/E4	350 ±0.2%	Q*
	N5K-XX-S5130Q-350/DG/E4	350 ±0.2%	Q*
	N2K-XX-S5278Q-500/DG/E5	500 ±0.2%	Q*
	N5K-XX-S5278Q-500/DG/E5	500 ±0.2%	Q*
	N2K-XX-S5064Q-10C/DG/E5	1000 ±0.2%	Q*
	N5K-XX-S5064Q-10C/DG/E5	1000 ±0.2%	Q*
DESCRIPTION Dual-element pattern for shear or torque transducers.			

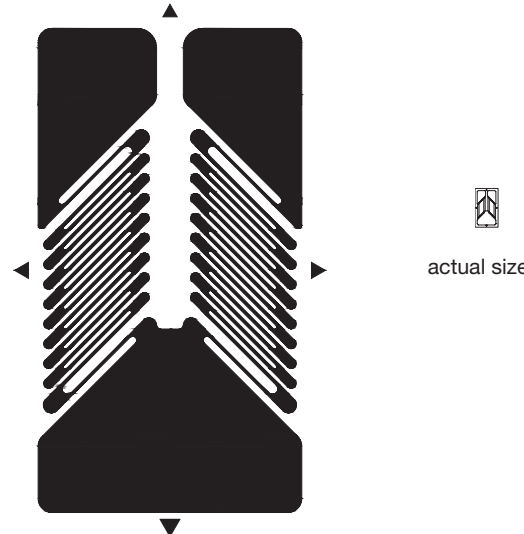

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.034	0.160	0.050	0.094	0.19	0.12
0.86	4.06	1.27	2.38	4.9	2.9

* Only creep code available for this gage.

*** For S5136, matrix length is 0.22 in (5.6 mm)

** Overall Length dimensions may differ from pattern to pattern.

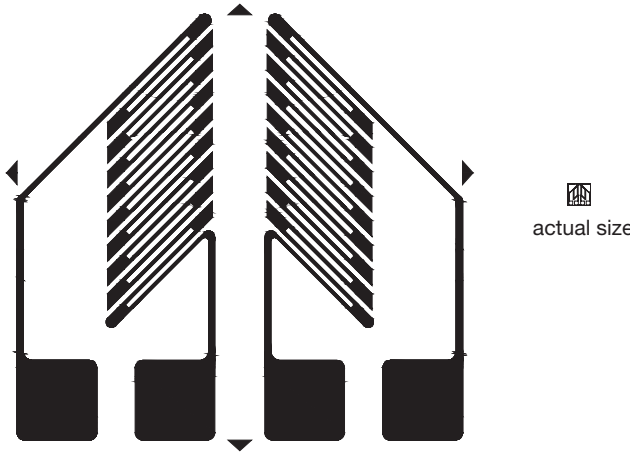

Copper plating for tabs is available.

S5208 GAGE PATTERN DATA			
 <p>actual size</p>	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2K-XX-S5208Q-350/DG/E5	350 ±0.2%	Q*
	N5K-XX-S5208Q-350/DG/E5	350 ±0.2%	Q*
DESCRIPTION Dual-element pattern for shear or torque transducers			

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.034	0.173	0.050	0.094	0.20	0.12
0.85	4.39	1.27	2.39	5.0	3.0

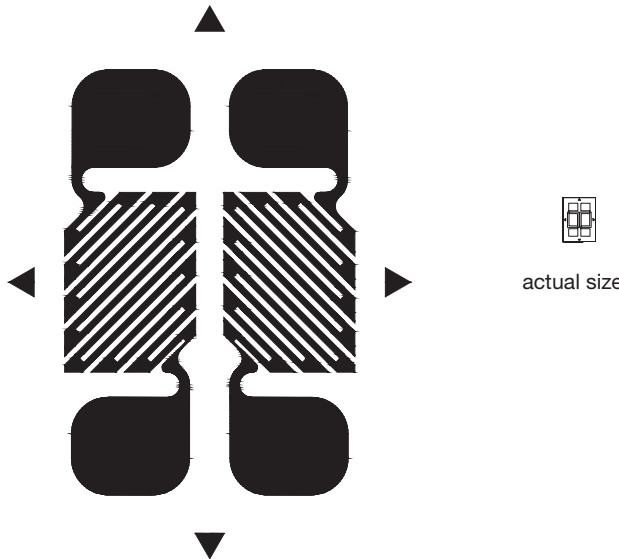

* Only creep code available for this gage.
Copper plating for tabs is available.

Transducer-Class® Strain Gages with Advanced Sensors Technology

GAGE PATTERN DATA			
	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2K-XX-S5035Q-10C/DG/E5 N5K-XX-S5035Q-10C/DG/E5 N2K-XX-S5036Q-50C/DG/E3 N5K-XX-S5036Q-50C/DG/E3	1000 ±0.2% 1000 ±0.2% 5000 ±0.2% 5000 ±0.2%	Q Q Q* Q*
DESCRIPTION Dual-element pattern for shear or torque transducers.			 RoHS COMPLIANT

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.033	0.148	0.051	0.155	0.16	0.17
0.84	3.76	1.29	3.94	4.1	4.3

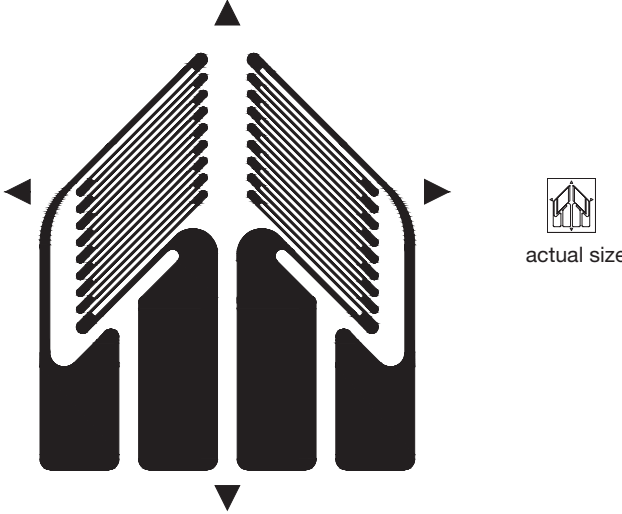

* Only creep code available for this gage.
Copper plating for tabs is available.

S5135 GAGE PATTERN DATA			
	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2A-XX-S5135M-350/E4	350 ±0.2%	M*
DESCRIPTION Dual-element pattern for shear or torque transducers.			 RoHS COMPLIANT

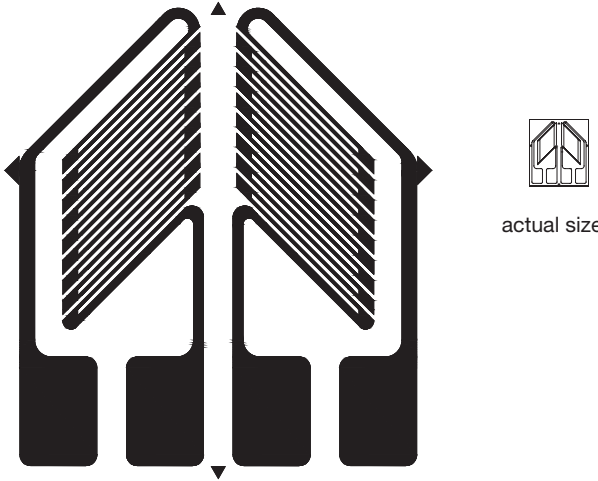

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.064	0.175	0.070	0.113	0.23	0.17
1.62	4.44	1.77	2.87	6.0	4.4

* Only creep code available for this gage.

Transducer-Class® Strain Gages with Advanced Sensors Technology

S5095 GAGE PATTERN DATA			
	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2A-XX-S5095N-350/E5	350 ±0.2%	N
DESCRIPTION Dual-element pattern for shear or torque transducers.			

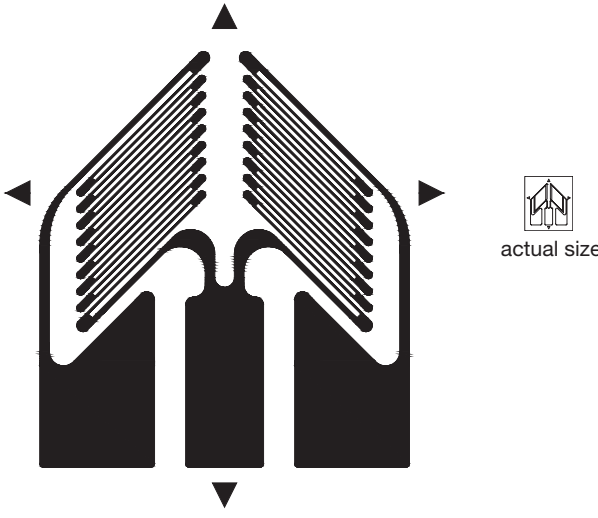

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.079	0.215	0.056	0.190	0.28	0.25
2.01	5.46	1.43	4.83	7.2	6.4

GAGE PATTERN DATA			
	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2K-XX-S5103R-350/DG/E4	350 ±0.2%	R
	N5K-XX-S5103R-350/DG/E4	350 ±0.2%	R
	N2K-XX-S5174Q-10C/DG/E4	1000 ±0.2%	Q*
	N5K-XX-S5174Q-10C/DG/E4	1000 ±0.2%	Q*
	N2K-XX-S5200Q-50C/DG/E4	5000 ±0.2%	Q*
	N5K-XX-S5200Q-50C/DG/E4	5000 ±0.2%	Q*
DESCRIPTION Dual-element pattern for shear or torque transducers			

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.075	0.231	0.060	0.202	0.25	0.22
1.91	5.86	1.52	5.13	6.3	5.6

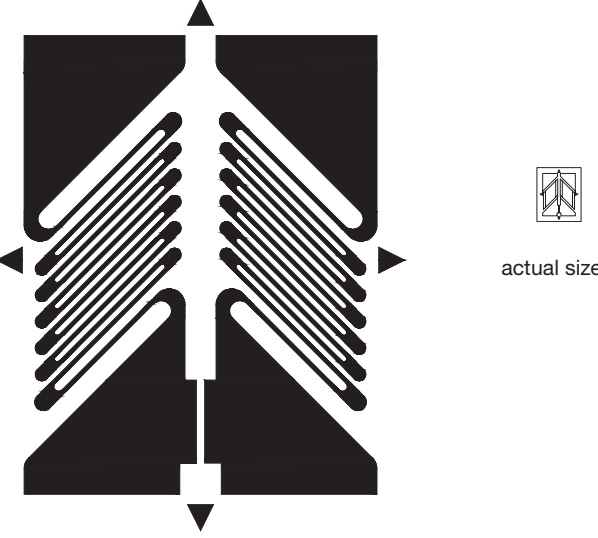

* Only creep code available for this gage.
Copper plating for tabs is available.

Transducer-Class® Strain Gages with Advanced Sensors Technology

S5185 GAGE PATTERN DATA			
	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2A-XX-S5185T-350/E5	350 ±0.2%	T*
DESCRIPTION			
Three-tab version of S5095 pattern.			

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.080	0.215	0.056	0.190	0.28	0.25
2.01	5.46	1.43	4.83	7.2	6.4

* Only creep code available for this gage.

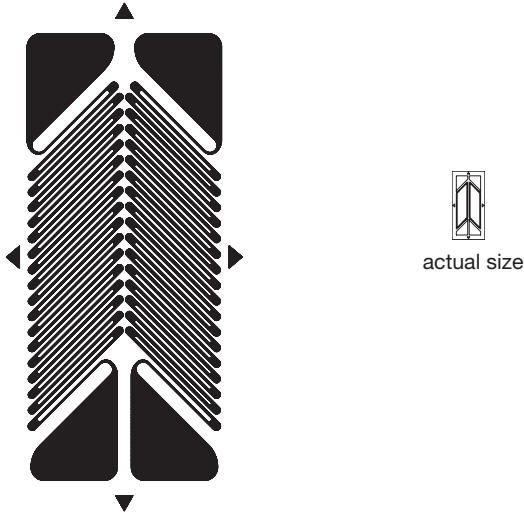

GAGE PATTERN DATA					
	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE		
	N2A-XX-S5291R-350/E5	350 ±0.2%	R		
N2K-XX-S5113R-350/DG/E4			R		
N5K-XX-S5113R-350/DG/E4			R		
N2K-XX-S5116Q-10C/DG/E5			Q		
N5K-XX-S5116Q-10C/DG/E5			Q		
N2K-XX-S5089Q-25C/DG/E5			Q*		
N5K-XX-S5089Q-25C/DG/E5			Q*		
N2K-XX-S5040Q-50C/DG/E5			Q		
N5K-XX-S5040Q-50C/DG/E5			Q		
DESCRIPTION					
Dual-element patterns for shear or torque transducers.					
GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.075	0.221	0.060	0.170	0.28	0.23
1.91	5.61	1.52	4.32	7.1	5.8

* Only creep code available for this gage.

Copper plating for tabs is available.

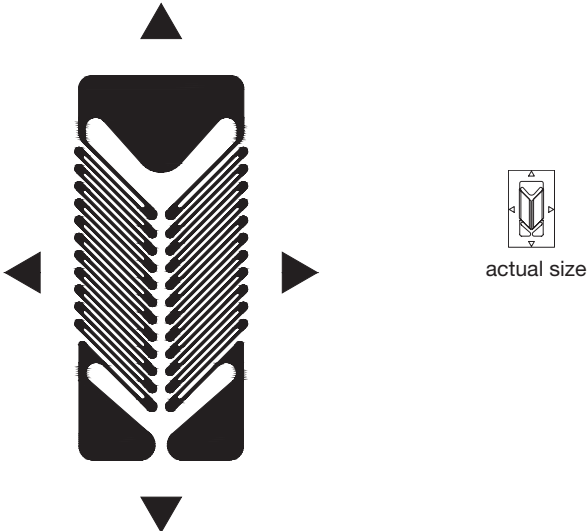

** Grid dimensions may differ from pattern to pattern.

Transducer-Class® Strain Gages with Advanced Sensors Technology

S5147 GAGE PATTERN DATA			
	GAGE DESIGNATION N2K-XX-S5147P-10C/DG/E4 N5K-XX-S5147P-10C/DG/E4	RESISTANCE IN OHMS 1000 ±0.2% 1000 ±0.2%	STD. CREEP CODE P P
	DESCRIPTION Dual-element pattern for shear or torque transducers.		 RoHS COMPLIANT

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.071	0.307	0.130	0.126	0.35	0.17
1.80	7.80	3.30	3.20	9.0	4.3

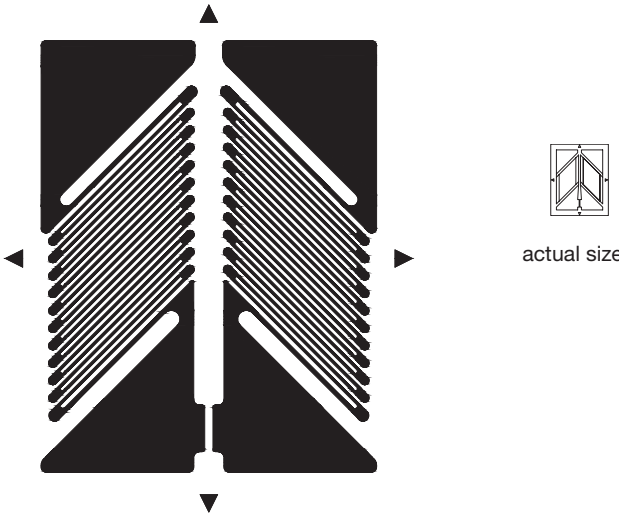

Copper plating for tabs is available.

S5259 GAGE PATTERN DATA			
	GAGE DESIGNATION N2A-XX-S5259S-350/E5	RESISTANCE IN OHMS 350 ±0.2%	STD. CREEP CODE S*
	DESCRIPTION Dual-element pattern for shear or torque transducers.		 RoHS COMPLIANT

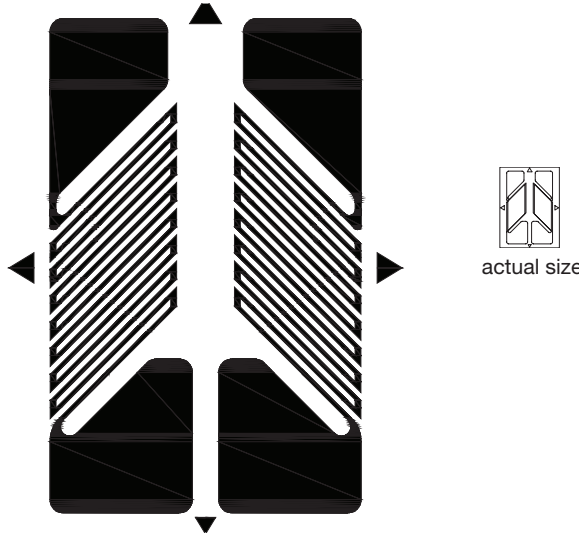

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.062	0.284	0.106	0.121	0.40	0.24
1.57	7.21	2.69	3.08	10.1	6.1

* Only creep code available for this gage.

Transducer-Class® Strain Gages with Advanced Sensors Technology

S5162 GAGE PATTERN DATA			
	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2A-XX-S5162R-350/E4	350 ±0.2%	R
DESCRIPTION Dual-element pattern for shear or torque transducers.			 RoHS COMPLIANT

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.125	0.318	0.100	0.245	0.38	0.30
3.18	8.10	2.54	6.20	9.6	7.7

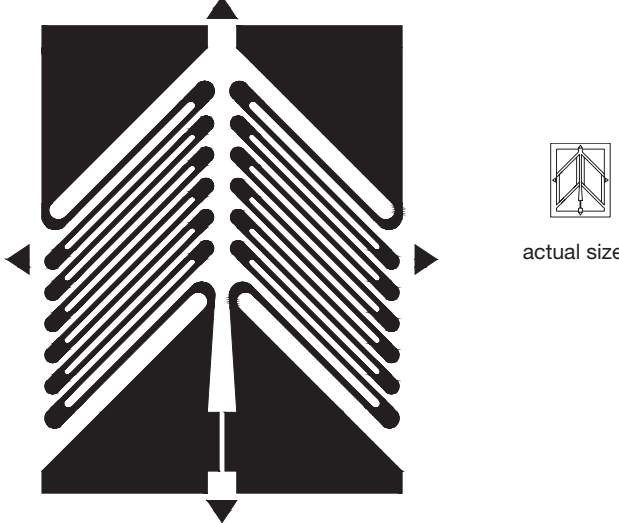

S5124 GAGE PATTERN DATA			
	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2K-XX-S5124K-350/E5 N5K-XX-S5124K-350/E5	350 ±0.2% 350 ±0.2%	K* K*
DESCRIPTION Dual-element pattern for shear or torque transducers.			 RoHS COMPLIANT

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.125	0.380	0.110	0.240	0.42	0.31
3.18	9.63	2.79	6.06	10.7	7.9

* Only creep code available for this gage.
Copper plating for tabs is available.

Transducer-Class® Strain Gages with Advanced Sensors Technology

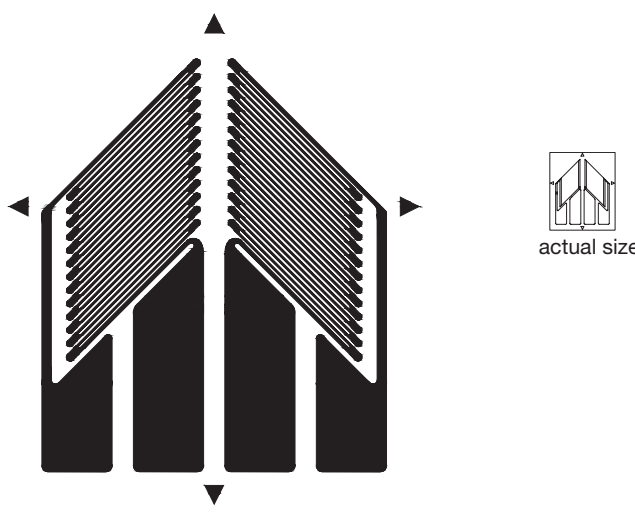

S5364 GAGE PATTERN DATA

	<p>GAGE DESIGNATION</p> <p>N2K-XX-S5364Y-350/DG/E5 N5K-XX-S5364Y-350/DG/E5</p>	<p>RESISTANCE IN OHMS</p> <p>350 ±0.2%</p>	<p>STD. CREEP CODE</p> <p>Y*</p>
	<p>DESCRIPTION</p> <p>Dual-element pattern for shear or torque transducers</p>		 <p>RoHS COMPLIANT</p>

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.125	0.318	0.100	0.245	0.38	0.31
3.17	8.08	2.54	6.23	9.6	7.8

* Only creep code available for this gage.
Copper plating for tabs is available.

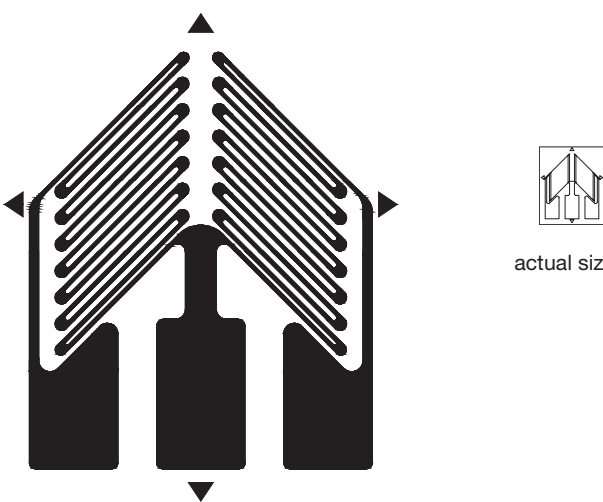

S5243 GAGE PATTERN DATA

	<p>GAGE DESIGNATION</p> <p>N2A-XX-S5243T-10C/E5</p>	<p>RESISTANCE IN OHMS</p> <p>1000 ±0.2%</p>	<p>STD. CREEP CODE</p> <p>Q*</p>
	<p>DESCRIPTION</p> <p>Dual-element pattern for shear or torque transducers</p>		 <p>RoHS COMPLIANT</p>

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.125	0.334	0.100	0.275	0.40	0.34
3.17	8.48	2.54	7.00	10.1	8.5

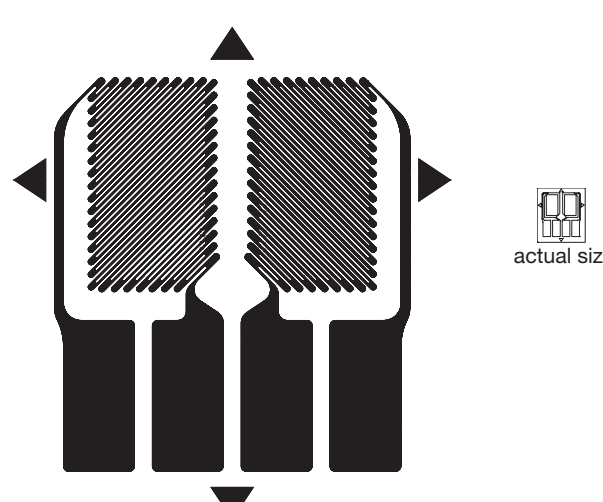

* Only creep code available for this gage.

Transducer-Class® Strain Gages with Advanced Sensors Technology

S5293 GAGE PATTERN DATA			
 <p>actual size</p>	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2A-XX-S5293P-350/E5	350 ±0.2%	P*
DESCRIPTION Dual-element pattern for shear or torque transducers			 RoHS COMPLIANT

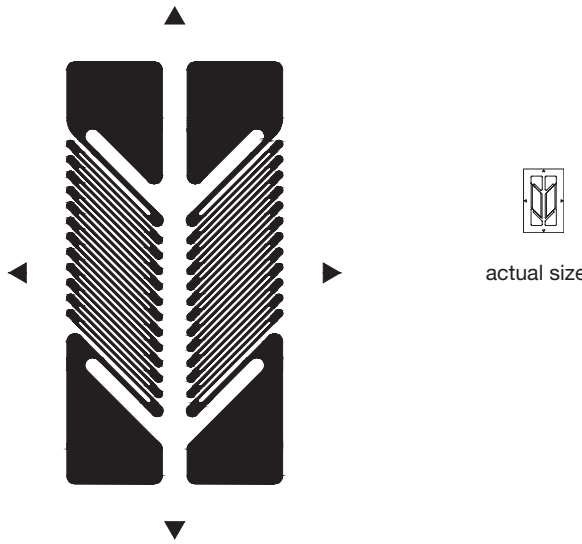

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.125	0.334	0.100	0.275	0.40	0.34
3.17	8.48	2.54	7.00	10.1	8.5

* Only creep code available for this gage.

S5321 GAGE PATTERN DATA			
 <p>actual size</p>	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2A-XX-S5321R-10C/E5	1000 ±0.2%	R*
DESCRIPTION Dual-element pattern for shear or torque transducers			 RoHS COMPLIANT

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.085	0.218	0.119	0.190	0.28	0.25
2.16	5.54	3.02	4.83	7.2	6.4

Transducer-Class® Strain Gages with Advanced Sensors Technology

S5283 GAGE PATTERN DATA			
	GAGE DESIGNATION	RESISTANCE IN OHMS	STD. CREEP CODE
	N2A-XX-S5283Q-500/E5	500 ±0.2%	Q*
DESCRIPTION Dual-element pattern for shear or torque transducers.			

GAGE DIMENSIONS					
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.062	0.256	0.089	0.131	0.33	0.21
1.57	6.50	2.26	3.33	8.4	5.3

* Only creep code available for this gage.