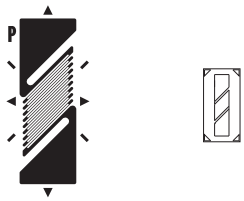
Transducer-Class® Strain Gages

GAGE PATTERN	Actual size shown. Enlarged when necessary for definition.	GAGE DESIGNATION See Note 1	RES. IN OHMS	STANDARD CREEP CODE	ENCAPSULATION OPTION AVAILABLE
DIMENSIONS	inch / millimeter				

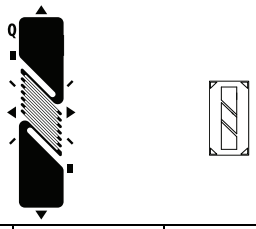


GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.075	0.220†	0.060	0.075
1.91	5.59†	1.52	1.91
MATRIX SIZE	0.28 L x 0.14 W		7.1 L x 3.6 W

Single-element miniature shear pattern.

†S199 and S112 patterns have 0.320 in (8.2mm) overall length and slightly longer matrix.

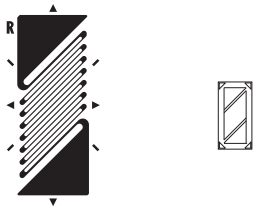
N2A-XX-S069P-350	350 ± 0.15%	P	E3
J2A-XX-S199N-350	350 ± 0.3%	N	
N2K-XX-S112Q-350/DP	350 ± 0.15%	Q	E3
J5K-XX-S112Q-350/DP	350 ± 0.3%	Q	



GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.075	0.320	0.060	0.075
1.90	8.13	1.52	1.90
MATRIX SIZE	0.38 L x 0.19 W		9.6 L x 4.8 W

Right-hand version of S112Q pattern.

N2K-XX-S223Q-350/DP	350 ± 0.15%	Q	E3
J5K-XX-S223Q-350	350 ± 0.3%	Q	



GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.125	0.290†	0.105	0.105
3.18	7.37†	2.67	2.67
MATRIX SIZE	0.36 L x 0.18 W		9.1 L x 4.6 W

Single-element shear patterns. Some slight dimensional variation with pattern.

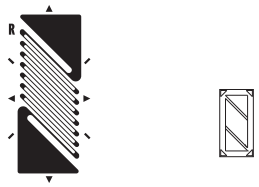
†J2A pattern has 0.42 in (10.7mm) overall length and slightly longer matrix.

N2A-XX-S028T-175	175 ± 0.15%	T	E3
N2A-XX-S088K-350	350 ± 0.15%	K	E3
J2A-XX-S117R-175	175 ± 0.3%	R	
J2A-XX-S091K-350	350 ± 0.3%	K	
N2K-XX-S026Y-175/DP	175 ± 0.15%	Y	E3
N2K-XX-S090R-350/DP	350 ± 0.15%	R	E3
N2K-XX-S089K-10C/DP	1000 ± 0.15%	K	E3
TK-XX-S026Y-175/DP	175 ± 0.15%	Y	
TK-XX-S090R-350/DP	350 ± 0.15%	R	
TK-XX-S089K-10C/DP	1000 ± 0.15%	K	

Note 1: All products are RoHS compliant.

Transducer-Class® Strain Gages

GAGE PATTERN	Actual size shown. Enlarged when necessary for definition.	GAGE DESIGNATION See Note 1	RES. IN OHMS	STANDARD CREEP CODE	ENCAPSULATION OPTION AVAILABLE
DIMENSIONS	inch / millimeter				

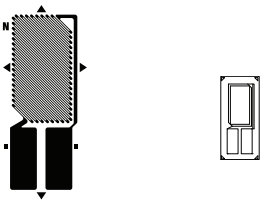


GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.125	0.290†	0.100	0.115
3.18	7.37†	2.54	2.92
MATRIX SIZE	0.36 L x 0.18 W		9.1 L x 4.6 W

Right-hand versions of S091K and S090R patterns.

†J2A pattern has 0.42 in (10.7mm) overall length and slightly longer matrix.

J2A-XX-S149K-350	350 ± 0.3%	K	
N2K-XX-S142R-350/DP	350 ± 0.15%	R	E3
TK-XX-S142R-350/DP	350 ± 0.15%	R	



GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.141	0.361	0.198	0.132
3.58	9.17	5.03	3.35
MATRIX SIZE	0.43 L x 0.20 W		10.9 L x 5.1 W

Single-element shear pattern with tabs on one end.

J2A-XX-S177N-350	350 ± 0.3%	N	

Note 1: All products are RoHS compliant.

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All product specifications and data are subject to change without notice.

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