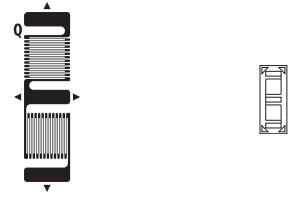
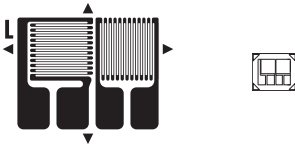
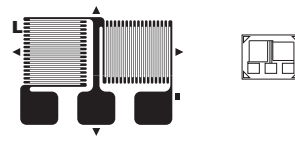


Transducer-Class® Strain Gages

GAGE PATTERN	Actual size shown. Enlarged when necessary for definition.	GAGE DESIGNATION See Note 1	RES. IN OHMS	STANDARD CREEP CODE	ENCAPSU- LATION OPTION AVAILABLE
	DIMENSIONS				

				Often used on small column transducers.				
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH					
0.062	0.295	0.080	0.080					
1.57	7.49	2.03	2.03					
MATRIX SIZE	0.36 L x 0.14 W		9.0 L x 3.6 W		N2A-XX-S063Q-350	350 ± 0.2%	Q*	E2

				General-purpose 90° tee rosette.				
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH					
0.062	0.133	0.075	0.168					
1.57	3.38	1.91	4.27					
MATRIX SIZE	0.24 L x 0.25 W		4.9 L x 5.8 W		N2A-XX-S064L-350	350 ± 0.2%	L*	E2

				Encapsulated 90° tee rosette.				
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH					
0.080	0.170	0.110	0.240					
2.03	4.32	2.79	6.10					
MATRIX SIZE	0.23 L x 0.30 W		5.9 L x 7.6 W		J2A-XX-S114L-350 J2A-XX-S152M-10C	350 ± 0.4% 1000 ± 0.4%	L M	

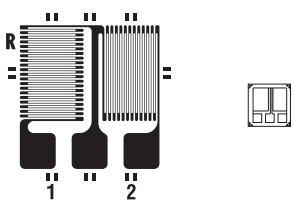
*Only creep code available for this gage type.

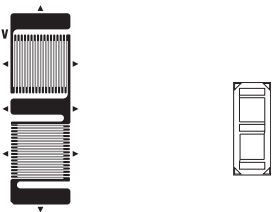
Note 1: All products are RoHS compliant.

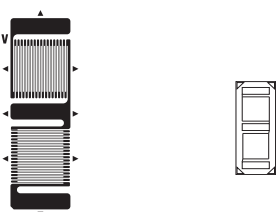
90° Patterns - Dual Grid

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				

				Designed for low-cost, half-bridge transducers. †BAL is balanced to ± 0.2%, but RG is 350 ohms ± 15%. ‡BAL is balanced to ± 0.2%, but RG is 1000 ohms ± 15%.			
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
GRID 1 0.060	0.180	GRID 1 0.120	0.175				
1.52	4.57	3.05	4.45				
MATRIX SIZE	0.22 L x 0.22 W		5.6 L x 5.6 W				
				N2A-XX-S153R-35B N2A-XX-S150R-1KB	BAL ± 0.2%† BAL ± 0.2%‡	R* R*	E2 E2

				Often used on column transducers.			
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
0.100	0.415	0.130	0.130				
2.54	10.54	3.30	3.30				
MATRIX SIZE	0.48 L x 0.19 W		12.2 L x 4.8 W				
				N2K-XX-S165V-10C/DP	1000 ± 0.2%	V	E2

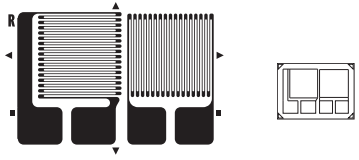
				Often used on column transducers.			
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
0.100	0.415	0.130	0.130				
2.54	10.54	3.30	3.30				
MATRIX SIZE	0.48 L x 0.19 W		12.2 L x 4.8 W				
				N2A-XX-S053P-350	350 ± 0.2%	P	E2

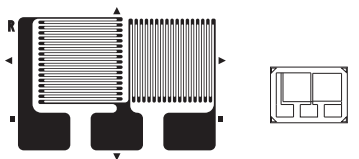
*Only creep code available for this gage type.

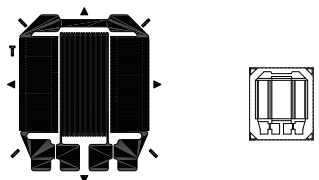
Note 1: All products are RoHS compliant.

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	ENCAPSU- LATION OPTION AVAILABLE
	DIMENSIONS				

				General-purpose 90° tee rosette.			
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
0.125	0.230	0.150	0.340				
3.18	5.84	3.81	8.64				
MATRIX SIZE	0.29 L x 0.40 W		7.4 L x 10.2 W				
				N2A-XX-S054Y-350	350 ± 0.2%	Y	E2
				N2K-XX-S145R-10C/DP	1000 ± 0.2%	R	E2
				TK-XX-S145R-10C/DP	1000 ± 0.2%	R	E2

				Three-tab version of S145R pattern.			
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
0.125	0.230	0.150	0.340				
3.18	5.84	3.81	8.64				
MATRIX SIZE	0.29 L x 0.40 W		7.4 L x 10.2 W				
				N2K-XX-S146R-10C/DP	1000 ± 0.2%	R	E2
				TK-XX-S146R-10C/DP	1000 ± 0.2%	R	E2

				Used on high-accuracy column load cells. (1) Gage length is 0.200 in (5.1mm). (2) Transverse gage length is 0.050 in (1.27mm).			
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
(1)	0.325	(2)	0.270	N2A-XX-S167R-350	350 ± 0.2%	R*	E2
(1)	8.26	(2)	6.86	N2K-XX-S015T-350/DP	350 ± 0.2%	T*	E2
				N2K-XX-S184T-10C/DP	1000 ± 0.2%	T*	E2
				TK-XX-S015T-350/DP	350 ± 0.2%	T*	E2
				TK-XX-S184T-10C/DP	1000 ± 0.2%	T*	E2
MATRIX SIZE	0.38 L x 0.33 W		9.6 L x 8.4 W				

*Only creep code available for this gage type.

Note 1: All products are RoHS compliant.

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