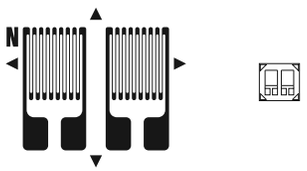
Transducer-Class® Strain Gages

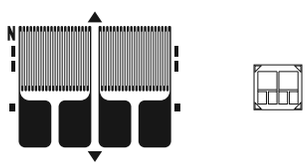
GAGE PATTERN	Actual size shown. Enlarged when necessary for definition	GAGE DESIGNATION See Note 1	RES. IN OHMS	STANDARD CREEP CODE	ENCAPSULATION OPTION AVAILABLE
DIMENSIONS	inch / millimeter				



Small dual-element gage designed for bending-beam transducers.

GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.060	0.12	0.065	0.150
1.52	3.1	1.65	3.81
MATRIX SIZE	0.19 L x 0.21 W		4.8 L x 5.3 W

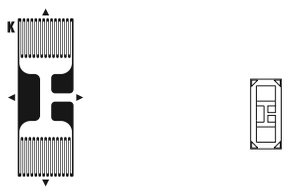
N2A-XX-S061P-350	350 ± 0.2%	P	E2
N2K-XX-S085N-350/DP	350 ± 0.2%	N	E2
N2K-XX-S098N-10C/DP	1000 ± 0.2%	N	E2
TK-XX-S085N-350/DP	350 ± 0.2%	N	E2
TK-XX-S098N-10C/DP	1000 ± 0.2%	N	E2
SK-XX-S085N-350	350 ± 0.4%	N	



Compact dual-element pattern for bending-beam transducers.

GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.075	0.17	0.100	0.210
1.90	4.2	2.54	5.33
MATRIX SIZE	0.24 L x 0.25 W		6.1 L x 6.4 W

J2A-XX-S181N-350	350 ± 0.4%	N	
J2A-XX-S185N-10C	1000 ± 0.4%	N	



Half-bridge common-tab pattern. Grid centerline spacing 0.215 in (5.46 mm).

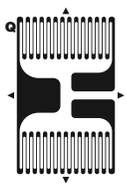
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.060	0.29	0.100	0.100
1.52	7.4	2.54	2.54
MATRIX SIZE	0.37 L x 0.16 W		9.3 L x 4.1 W

N2A-XX-S141K-175	175 ± 0.2%	K	E2
N2A-XX-T028K-350	350 ± 0.2%	K	E2
N2A-XX-S124N-10C	1000 ± 0.2%	N	E2

Note 1: Products shown in bold are not 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				



Half-bridge common-tab pattern. Grid centerline spacing 0.215 in (5.46mm).

GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.060	0.29	0.180	0.180
1.52	7.4	4.57	4.57
MATRIX SIZE	0.37 L x 0.24 W		9.3 L x 6.1 W

N2K-XX-T011Q-350/DP	350 ± 0.2%	Q	E2
TK-XX-T011Q-350/DP	350 ± 0.2%	Q	E2

T012R

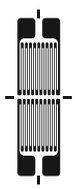
T016/S1414

Half-bridge common-tab pattern. Grid centerline spacing 0.415 in (10.54mm).

†BAL is balanced to ±0.2%, but RG is 350 ohms ± 15%.

GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.060	0.49	0.100	0.100
1.52	12.4	2.54	2.54
MATRIX SIZE	0.57 L x 0.16 W		14.5 L x 4.1 W

N2A-XX-T012R-350	350 ± 0.2%	R	E2
N2A-XX-S1414-35B	BAL ± 0.2%†	N/A	E2
N2K-XX-T016Q-350/DP	350 ± 0.2%	Q	E2
TK-XX-T016Q-350/DP	350 ± 0.2%	Q	E2



Dual-element pattern for narrow bending beams. Grid centerline spacing 0.083 in (2.1mm).

GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.062	0.233	0.062	0.062
1.59	5.97	1.59	1.59
MATRIX SIZE	0.28 L x 0.12 W		7.2 L x 3.1 W

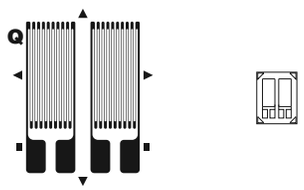
N2A-XX-S1452-350	350 ± 0.2%	N/A	E2
N2K-XX-S1451-350/DP	350 ± 0.2%	N/A	E2
TK-XX-S1451-350/DP	350 ± 0.2%	N/A	E2

Note 1: Products shown in bold are not 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

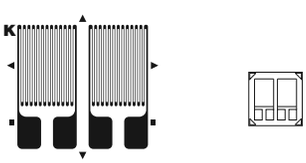
DIMENSIONS (inch / millimeter)



Dual-element gages widely used on bending-beam transducers.

GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.125	0.20	0.065	0.150
3.18	5.1	1.65	3.81
MATRIX SIZE	0.27 L x 0.21 W		6.9 L x 5.3 W

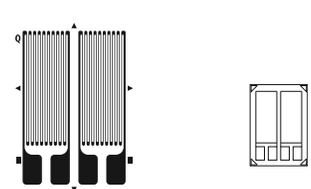
N2A-XX-T006Q-350	350 ± 0.2%	Q	E2
J2A-XX-S035M-350	350 ± 0.4%	M	
N2K-XX-S082R-350/DP	350 ± 0.2%	R	E2
N2K-XX-T092P-10C/DP	1000 ± 0.2%	P	E2
TK-XX-S082R-350/DP	350 ± 0.2%	R	E2
TK-XX-T092P-10C/DP	1000 ± 0.2%	P	E2



Wider-grid versions of T006/S035 patterns.

GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.125	0.21	0.100	0.220
3.18	5.3	2.54	5.59
MATRIX SIZE	0.28 L x 0.28 W		7.1 L x 7.1 W

N2A-XX-S138K-350	350 ± 0.2%	K	E2
N2A-XX-S139N-10C	1000 ± 0.2%	N	E2
J2A-XX-S138K-350	350 ± 0.4%	K	
J2A-XX-S139N-10C	1000 ± 0.4%	N	



Widely used on bending-beam transducers where greater power dissipation is required. J2A pattern slightly longer and wider.

GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH
0.250	0.34	0.100	0.215
6.35	8.6	2.54	5.46
MATRIX SIZE	0.41 L x 0.28 W		10.4 L x 7.1 W

N2A-XX-T026P-350	350 ± 0.2%	P	E2
J2A-XX-S087Q-350	350 ± 0.4%	Q	

Note 1: Products shown in bold are not RoHS compliant.

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