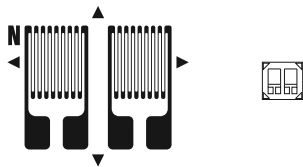
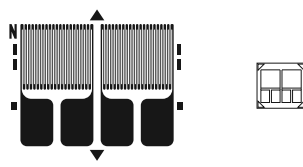



Linear Patterns - Dual Grid

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	ENCAPSU- LATION OPTION AVAILABLE
	DIMENSIONS				

				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	N2A-XX-S061P-350	350 ± 0.2%	P	E2
1.52	3.1	1.65	3.81	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
MATRIX SIZE	0.19 L x 0.21 W	4.8 L x 5.3 W		SK-XX-S085N-350	350 ± 0.4%	N	

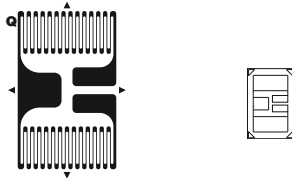
				Compact dual-element pattern for bending-beam transducers.			
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
0.075	0.17	0.100	0.210				
1.90	4.2	2.54	5.33	J2A-XX-S181N-350	350 ± 0.4%	N	
MATRIX SIZE	0.24 L x 0.25 W	6.1 L x 6.4 W		J2A-XX-S185N-10C	1000 ± 0.4%	N	

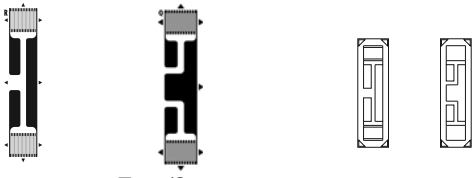
				Half-bridge common-tab pattern. Grid centerline spacing 0.215 in (5.46 mm).			
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
0.060	0.29	0.100	0.100				
1.52	7.4	2.54	2.54	N2A-XX-S141K-175	175 ± 0.2%	K	E2
MATRIX SIZE	0.37 L x 0.16 W	9.3 L x 4.1 W		N2A-XX-T028K-350	350 ± 0.2%	K	E2
				N2A-XX-S124N-10C	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	ENCAPSU- LATION 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	N2K-XX-T011Q-350/DP TK-XX-T011Q-350/DP	350 ± 0.2% 350 ± 0.2%	Q Q	E2 E2
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				

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

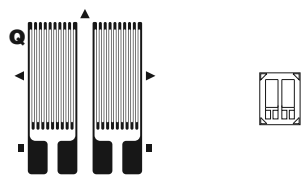
				Dual-element pattern for narrow bending beams. Grid centerline spacing 0.083 in (2.1mm).			
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH	N2A-XX-S1452-350 N2K-XX-S1451-350/DP TK-XX-S1451-350/DP	350 ± 0.2% 350 ± 0.2% 350 ± 0.2%	N/A N/A N/A	E2 E2 E2
0.062	0.233	0.062	0.062				
1.59	5.97	1.59	1.59				
MATRIX SIZE	0.28 L x 0.12 W		7.2 L x 3.1 W				

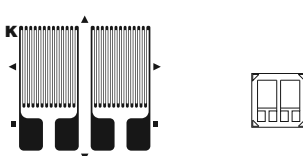
Note 1: Products shown in bold are not RoHS compliant.

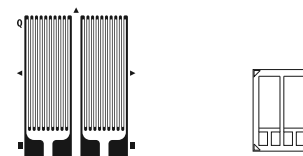
Linear Patterns - Dual Grid

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				

				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	N2A-XX-T006Q-350	350 ± 0.2%	Q	E2
3.18	5.1	1.65	3.81	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
MATRIX SIZE	0.27 L x 0.21 W		6.9 L x 5.3 W				

				Wider-grid versions of T006/S035 patterns.			
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
0.125	0.21	0.100	0.220	N2A-XX-S138K-350	350 ± 0.2%	K	E2
3.18	5.3	2.54	5.59	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	
MATRIX SIZE	0.28 L x 0.28 W		7.1 L x 7.1 W				

				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	N2A-XX-T026P-350	350 ± 0.2%	P	E2
6.35	8.6	2.54	5.46	J2A-XX-S087Q-350	350 ± 0.4%	Q	
MATRIX SIZE	0.41 L x 0.28 W		10.4 L x 7.1 W				

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



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