

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				

				Smaller version of T029/T030.			
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
0.075	0.220	0.060	0.170	N2A-XX-S203P-175	175 ± 0.2%	P	E3
				N2A-XX-T031P-350	350 ± 0.2%	P	E3
				N2K-XX-T032P-350/DP	350 ± 0.2%	P	E3
1.91	5.59	1.52	4.32	N2K-XX-S137Q-10C/DP	1000 ± 0.2%	Q	E3
				TK-XX-T032P-350/DP	350 ± 0.2%	P	
MATRIX SIZE	0.28 L x 0.23 W		7.1 L x 5.8 W	TK-XX-S137Q-10C/DP	1000 ± 0.2%	Q	

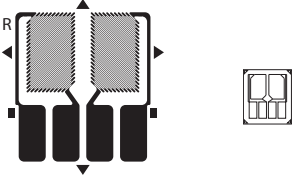
				Encapsulated version of T031/T032.			
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
0.075	0.22	0.060	0.190				
1.91	5.6	1.52	4.83	J2A-XX-S036R-350	350 ± 0.4%	R	
MATRIX SIZE	0.28 L x 0.25 W		7.1 L x 6.4 W	J5K-XX-S1448-350/DP	350 ± 0.4%	N/A	

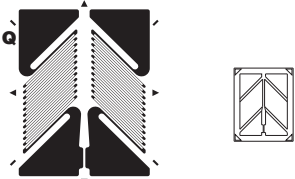
				Three-tab version of S036 pattern.			
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
0.075	0.216	0.060	0.190				
1.91	5.49	1.52	4.83				
MATRIX SIZE	0.28 L x 0.25 W		7.1 L x 6.4 W	J2A-XX-S254R-350	350 ± 0.4%	R	

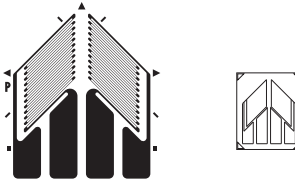
Note 1: All products are RoHS compliant.

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	DIMENSIONS				

				Rectangular-grid, 1000-ohm version of S036 pattern.			
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH	J2A-XX-S173R-10C	1000 ± 0.4%	R	
0.085	0.226	0.114	0.200				
2.16	5.74	2.89	5.08				
MATRIX SIZE	0.28 L x 0.25 W	7.1 L x 6.4 W					

				Dual-element patterns for shear or torque transducers.			
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH	N2A-XX-T029Q-350 N2A-XX-S096H-10C N2K-XX-T030R-350/DP N2K-XX-S083R-10C/DP TK-XX-T030R-350/DP TK-XX-S083R-10C/DP	350 ± 0.2% 1000 ± 0.2% 350 ± 0.2% 1000 ± 0.2% 350 ± 0.2% 1000 ± 0.2%	Q H R R R R	E3 E3 E3 E3
0.125	0.318	0.10	0.250				
3.18	8.08	2.54	6.35				
MATRIX SIZE	0.38 L x 0.31 W	9.6 L x 7.9 W					

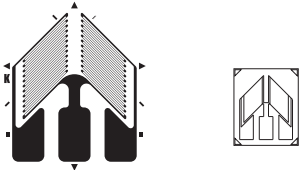
				Encapsulated versions of T029/S096.			
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH	J2A-XX-S101P-175 J2A-XX-S034P-350 J2A-XX-S122P-10C	175 ± 0.4% 350 ± 0.4% 1000 ± 0.4%	P P P	
0.125	0.33	0.100	0.275				
3.18	8.4	2.54	6.99				
MATRIX SIZE	0.40 L x 0.34 W	10.1 L x 8.5 W					

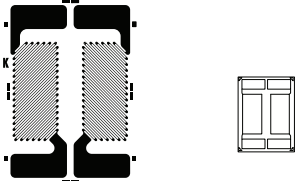
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Shear Patterns - Dual Grid

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				Three-tab version of S034 pattern.		
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH	J2A-XX-S111K-350	350 ± 0.4%	K
0.125	0.33	0.100	0.275			
3.18	8.4	2.54	6.99			
MATRIX SIZE	0.40 L x 0.34 W	10.1 L x 8.5 W				

				Encapsulated dual-shear pattern with tabs at both ends of pattern.		
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH	J2A-XX-S245K-350	350 ± 0.4%	K
0.125	0.360	0.201	0.252			
3.18	9.14	5.10	6.40			
MATRIX SIZE	0.39 L x 0.29 W	9.9 L x 7.4 W				

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