Micro-Measurements



Transducer-Class® Strain Gages

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

			Miniature high-resistance pattern.				
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
0.031	0.08	0.062	0.062				
0.78	2.0	1.57	1.57	N2K-XX-S118M-10C/DP	1000 ± 0.2%	M	E2
MATRIX SIZE	0.23 L x 0.1	6 W 5.8	L x 4.1 W	TK-XX-S118M-10C/DP	1000 ± 0.2%	M	E2

R IIII				Miniature high-resistance p	attern.		
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
0.060	0.13	0.050	0.050				
1.52	3.3	1.27	1.27	N2K-XX-S065R-10C/DP TK-XX-S065R-10C/DP	1000 ± 0.15% 1000 ± 0.15%	R R	E2 E2
MATRIX SIZE	0.20 L x 0.1	1 W 5.0	L x 2.8 W	SK-XX-S065R-10C	1000 ± 0.13%	R	

			General-purpose miniature NOTE: Matrix and overall le longer than dimensions sho	ngth of J2A and J5K patterns will be slightly			
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH	N2A-XX-S071P-350	350 ± 0.1%	Р	E2
0.062	0.12	0.062	0.062	J2A-XX-S183P-350 N2K-XX-S075P-350/DP	350 ± 0.3% 350 ± 0.15%	P P	E2
1.57	3.1	1.57	1.57	TK-XX-S075P-350/DP J5K-XX-S104P-350/DP	350 ± 0.15% 350 ± 0.3%	P P	E2
MATRIX SIZE	X SIZE 0.19 L x 0.12 W 4.8 L x 3.1 W			SK-XX-S075P-350	350 ± 0.3%	P	

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

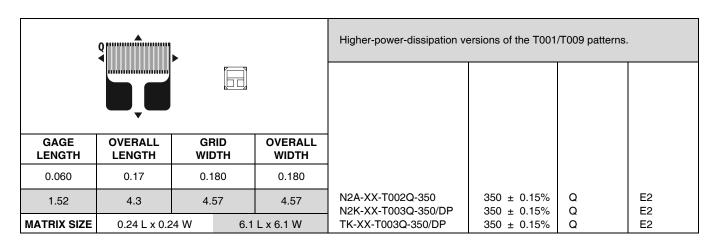


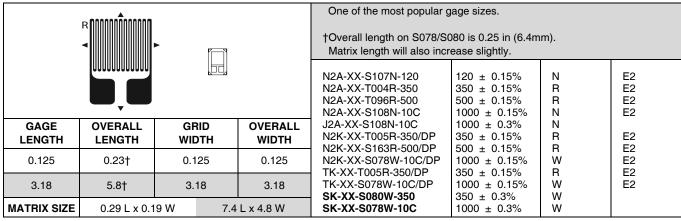
Micro-Measurements **EMEM**

Transducer-Class® Strain Gages



R				The most popular small gage pattern.			
			N2A-XX-S148P-120 N2A-XX-S106N-175 N2A-XX-T001N-350 N2A-XX-T010P-10C J2A-XX-S148P-120 J2A-XX-S106N-175 J2A-XX-S047K-350	120 ± 0.15% 175 ± 0.15% 350 ± 0.15% 1000 ± 0.15% 120 ± 0.3% 175 ± 0.3% 350 ± 0.3%	P	E2 E2 E2 E2	
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH	J2A-XX-S110K-10C N2K-XX-S123R-175/DP N2K-XX-T009N-350/DP	1000 ± 0.3% 175 ± 0.15% 350 ± 0.15%	K R	E2 E2
0.060	0.15	0.100	0.100	N2K-XX-S072R-10C/DP TK-XX-S123R-175/DP TK-XX-T009Q-350/DP	1000 ± 0.15% 175 ± 0.15% 350 ± 0.15%	R	E2 E2 E2 E2 E2 E2
1.52	3.8	2.54	2.54	TK-XX-S072R-10C/DP J5K-XX-S103Q-350/DP	1000 ± 0.15% 350 ± 0.3%	NEE OE OEE	E2
MATRIX SIZE	0.22 L x 0.1	6 W 5.6	L x 4.1 W	SK-XX-S074R-350 SK-XX-S072R-10C	350 ± 0.3% 1000 ± 0.3%	R R	





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

Linear Patterns - Single Grid

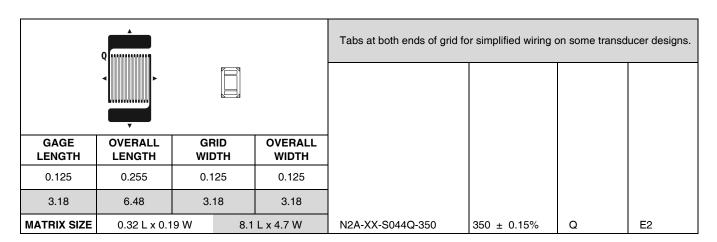
EMEME Micro-Measurements



Transducer-Class® Strain Gages

		Actual size showr Enlarged when no definition			RES.	STANDARD CREEP	ENCAPSU- LATION
	DIMENSIONS		inch millimeter	See Note 1	OHMS	CODE	OPTION AVAILABLE
			millimeter				

K K		One of the most popular gage sizes.					
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
0.125	0.21	0.100	0.100	J2A-XX-S033P-350 J2A-XX-S182K-10C	350 ± 0.3% 1000 ± 0.3%	P K	
3.18	5.6	2.54	2.54	N2K-XX-S081P-20C/DP TK-XX-S081P-20C/DP	2000 ± 0.3% 2000 ± 0.3%	P P	E2 E2
MATRIX SIZE	0.28 L x 0.1	6 W 7.1	L x 4.1 W	J5K-XX-S100P-350/DP	$350 \pm 0.3\%$	P	



		Narrow, encapsulated vers	ion of S044.				
	M						
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
0.110	0.285	0.080	0.080				
2.82	7.31	2.03	2.03				
MATRIX SIZE	0.34 L x 0.1	4 W 8.7	7 L x 3.6 W	J2A-XX-S113M-350	350 ± 0.3%	М	

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

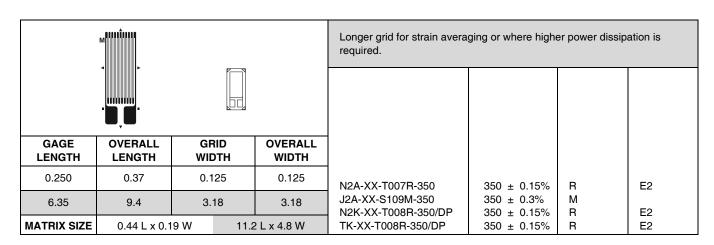


Micro-Measurements **EMEME**

Transducer-Class® Strain Gages

GAGE PATTERN	Actual size show Enlarged when n definition		GAGE DESIGNATION	RES. IN	STANDARD CREEP	ENCAPSU- LATION
DIMENSIONS		inch	See Note 1	OHMS	CODE	OPTION AVAILABLE
		millimeter				

M		Narrow-grid version of T004	n of T004/T005.				
	•						
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
0.125	0.20	0.060	0.070	N2A-XX-T019M-350	350 ± 0.15%	M	E2
3.18	5.1	1.52	1.78	J2A-XX-S038M-350 N2K-XX-T020T-350/DP	350 ± 0.3% 350 ± 0.15%	M T	E2
MATRIX SIZE	0.27 L x 0.1	2 W 6.	9 L x 3.0 W	TK-XX-T020T-350/DP	$350 \pm 0.15\%$	T	E2



R			Large grid and high resista voltage.	nce permit higher-tl	han-normal exc	itation	
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
0.250	0.36	0.175	0.175				
6.35	9.1	4.45	4.45				
MATRIX SIZE	0.42 L x 0.24 W 10.7 L x 6.1 W		N2A-XX-S051R-10C	1000 ± 0.15%	R	E2	

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





Vishay Precision Group

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