EMEME Micro-Measurements



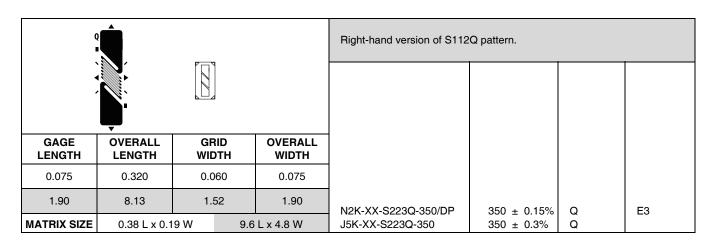
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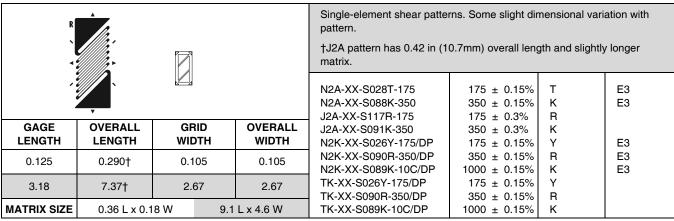
Revision: 21-Jul-11

Transducer-Class® Strain Gages

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

P				Single-element miniature shear pattern. †S199 and S112 patterns have the same dimensions as the S223 pattern shown below.				
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH					
0.075	0.220†	0.060	0.075	N2A-XX-S069P-350	350 ± 0.15%	Р	E3	
1.91	5.59†	1.52	1.91	J2A-XX-S199N-350 N2K-XX-S112Q-350/DP	350 ± 0.3% 350 ± 0.15%	N Q	E3	
MATRIX SIZE	0.28 L x 0.1	4 W 7.1	L x 3.6 W	J5K-XX-S112Q-350/DP	350 ± 0.13%	Q	Lo	





Note 1: All products are RoHS compliant.



Transducer-Class® Strain Gages

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

			Right-hand versions of S091K and S090R patterns. †J2A pattern has 0.42 in (10.7mm) overall length and slightly longer matrix.				
GAGE LENGTH	OVERALL LENGTH	GRID WIDTH	OVERALL WIDTH				
0.125	0.290†	0.100	0.115				
3.18	7.37†	2.54	2.92	J2A-XX-S149K-350 N2K-XX-S142R-350/DP	350 ± 0.3% 350 ± 0.15%	K B	E3
MATRIX SIZE	0.36 L x 0.1	8 W 9.	1 L x 4.6 W	TK-XX-S142R-350/DP	350 ± 0.15%	R	

			Single-element shear pattern with tabs on one end.					
GAGE LENGTH	OVERALL LENGTH		GRID OVERA					
0.141	0.361	0.198		0.132				
3.58	9.17	5.03		3.35				
MATRIX SIZE	0.43 L x 0.20 W 10.9		L x 5.1 W	J2A-XX-S177N-350	350 ± 0.3%	N		

Note 1: All products are RoHS compliant.



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