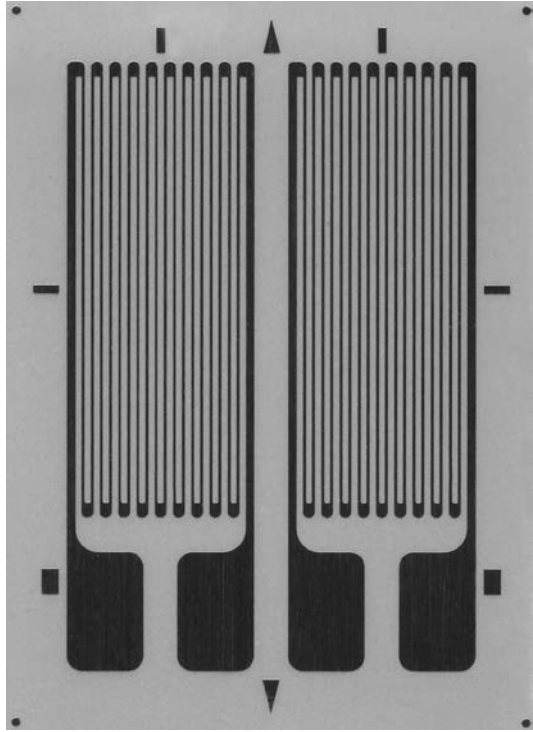


General Purpose Strain Gages – Linear Pattern

GAGE PATTERN DATA							
 <p style="text-align: center;">actual size</p>		GAGE DESIGNATION See Note 1, 3	RESISTANCE (OHMS) See Note 2	OPTIONS AVAILABLE See Note 3			
		EA-XX-250PD-120 EA-XX-250PD-350 ED-DY-250PD-350 EK-XX-250PD-10C S2K-XX-250PD-10C WA-XX-250PD-120 WA-XX-250PD-350 WK-XX-250PD-350 WK-XX-250PD-10C SA-XX-250PD-120 SA-XX-250PD-350 SK-XX-250PD-350 SK-XX-250PD-10C SD-DY-250PD-350 WD-DY-250PD-350	120 ±0.2% 350 ±0.2% 350 ±0.4% 1000 ±0.2% 1000 ±0.4% 120 ±0.3% 350 ±0.3% 350 ±0.4% 1000 ±0.4% 120 ±0.4% 350 ±0.4% 350 ±0.4% 1000 ±0.4% 350 ±0.4% 350 ±0.4% 1000 ±0.4% 350 ±0.8% 350 ±0.8%	W, E, L, LE W, E, L, LE E W, SE W* W* W* W*, SP35* W*, SP35*			
DESCRIPTION Dual-element pattern with longitudinal grid centerlines spaced 0.130 in [3.30 mm] apart. See also 250MQ pattern. EK-Series gages are supplied with duplex copper pads (DP) when optional feature W or SE is not specified.							
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix					
				<table border="1"> <tr><td>inch</td></tr> <tr><td>millimeter</td></tr> </table>		inch	millimeter
inch							
millimeter							
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width		
0.250	0.358	0.110	0.240	0.44	0.32		
6.35	9.09	2.79	6.10	11.2	8.1		

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
EA	Constantan foil in combination with a tough, flexible, polyimide backing.	±5%	-100° to +350°F (-75° to +175°C)
ED	Isoelastic foil in combination with tough, flexible polyimide film.	±2%	-320° to +400°F (-195° to +205°C)
EK	K-alloy foil in combination with a tough, flexible polyimide backing.	±1.5%	-320° to +350°F (-195° to +175°C)
S2K	K-alloy foil with laminated thick, high-performance polyimide backing.	±1.5%	-100° to +250°F (-75° to +120°C)
WA	Fully encapsulated constantan gages with high-endurance leadwires.	±2%	-100° to +400°F (-75° to +205°)
WK	Fully encapsulated K-alloy gages with high-endurance leadwires.	±1.5%	-452° to +550°F (-269° to +290°C)
SA	Fully encapsulated constantan gages with solder dots.	±2%	-100° to +400°F (-75° to +205°C)
SK	Fully encapsulated K-alloy gages with solder dots.	±1.5%	-452° to +450°F (-269° to +230°C)
SD	Equivalent to WD Series, but with solder dots instead of leadwires.	±1.5%	-320° to +400°F (-195° to +205°C)
WD	Fully encapsulated isoelastic gages with high-endurance leadwires.	±1.5%	-320° to +500°F (-195° to +260°C)

Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2: Tolerance is increased when Option W, E, SE, LE, P, or SP35 is specified.

Note 3: Products with designations and options shown in **bold** are not RoHS compliant.

*Options available but not normally recommended. See Optional Features datasheet for details.



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