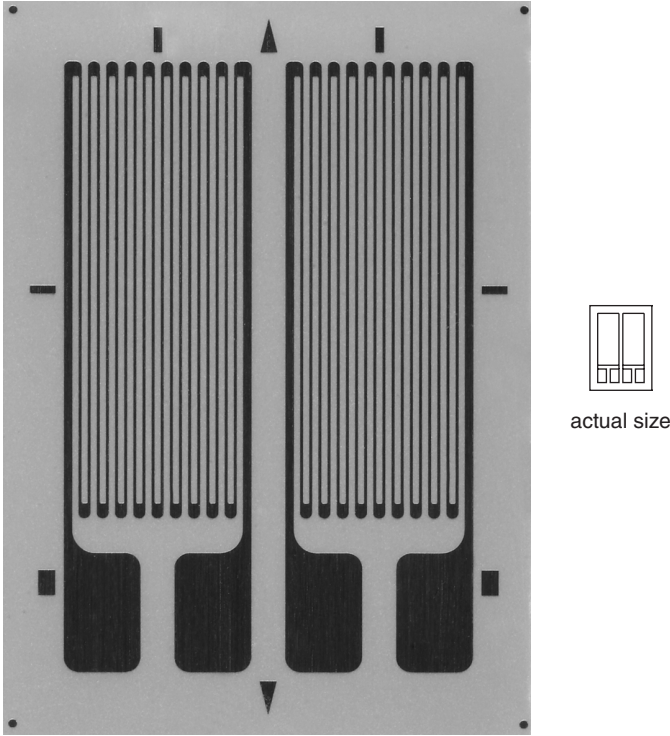


## General Purpose Strain Gages - Linear Pattern

GAGE PATTERN DATA					
 <p>actual size</p>			<b>GAGE DESIGNATION</b> See Note 1, 3	<b>RESISTANCE (OHMS)</b> See Note 2	<b>OPTIONS AVAILABLE</b> See Note 3
			EA-XX-250PD-120 EA-XX-250PD-350 ED-DY-250PD-350 EK-XX-250PD-10C <b>S2K-XX-250PD-10C</b> <b>WA-XX-250PD-120</b> <b>WA-XX-250PD-350</b> WK-XX-250PD-350 WK-XX-250PD-10C <b>SA-XX-250PD-120</b> <b>SA-XX-250PD-350</b> SK-XX-250PD-350 <b>SK-XX-250PD-10C</b> <b>SD-DY-250PD-350</b> 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 <b>W, SE</b> W* W* W* <b>W*</b>
<b>DESCRIPTION</b> 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.					
<b>GAGE DIMENSIONS</b>					
Legend:			ES = Each Section	CP = Complete Pattern	inch
			S = Section (S1 = Sec 1)	M = Matrix	millimeter
<b>Gage Length</b>	<b>Overall Length</b>	<b>Grid Width</b>	<b>Overall Width</b>	<b>Matrix Length</b>	<b>Matrix Width</b>
0.250 ES	0.358 CP	0.110 ES	0.240 CP	0.44	0.32
6.35 ES	9.09 CP	2.79 ES	6.10 CP	11.2	8.1

GAGE SERIES DATA			
See Gage Series data sheet 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°C)
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, or P 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 data sheet for details.

## Disclaimer

All product specifications and data are subject to change without notice.

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