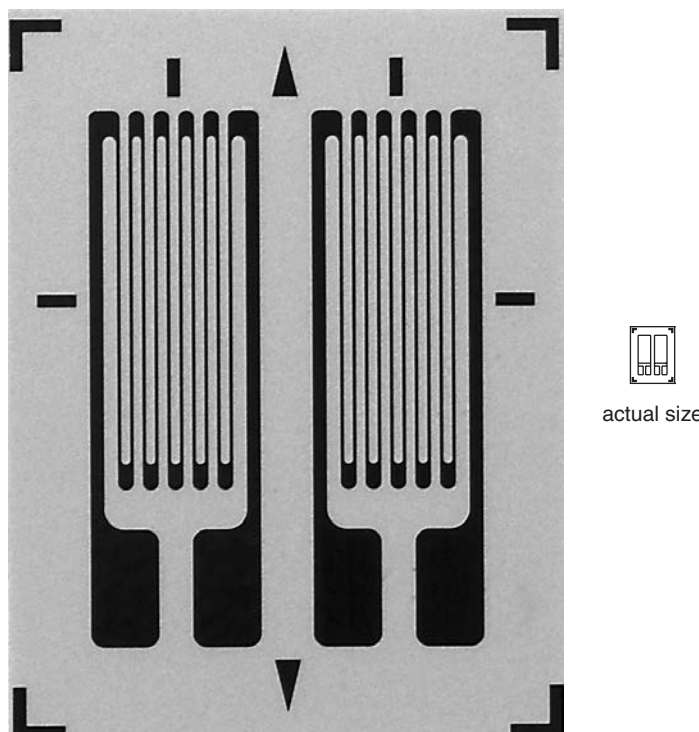


General Purpose Strain Gages – Linear Pattern

GAGE PATTERN DATA							
 <p>actual size</p>			GAGE DESIGNATION See Note 1, 3	RESISTANCE (OHMS) See Note 2	OPTIONS AVAILABLE See Note 3		
			EA-XX-125PC-120 EA-XX-125PC-350 ED-DY-125PC-350 ED-DY-125PC-10C EK-XX-125PC-10C WA-XX-125PC-120 WA-XX-125PC-350 WK-XX-125PC-350 WK-XX-125PC-10C SA-XX-125PC-120 SA-XX-125PC-350 SK-XX-125PC-350 SK-XX-125PC-10C	120 ±0.2% 350 ±0.2% 350 ±0.4% 1000 ±0.4% 1000 ±0.2% 120 ±0.4% 350 ±0.4% 350 ±0.4% 1000 ±0.4% 1000 ±0.4% 120 ±0.4% 350 ±0.4% 350 ±0.4% 1000 ±0.4%	W, E, L, LE W, E, L, LE E E W, SE W* W* W*, SP35* W*, SP35*		
DESCRIPTION Dual-pattern gage for use in back-to-back bending applications. Longitudinal grid centerlines spaced 0.085 in [2.16 mm] apart. See also 125MG pattern. EK-Series gages are supplied with duplex copper pads (DP) when optional 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		
0.125 ES	0.205 CP	0.065 ES	0.150 CP	0.29	0.23		
3.18 ES	5.21 CP	1.65 ES	3.81 CP	7.4	5.8		

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)
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)

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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