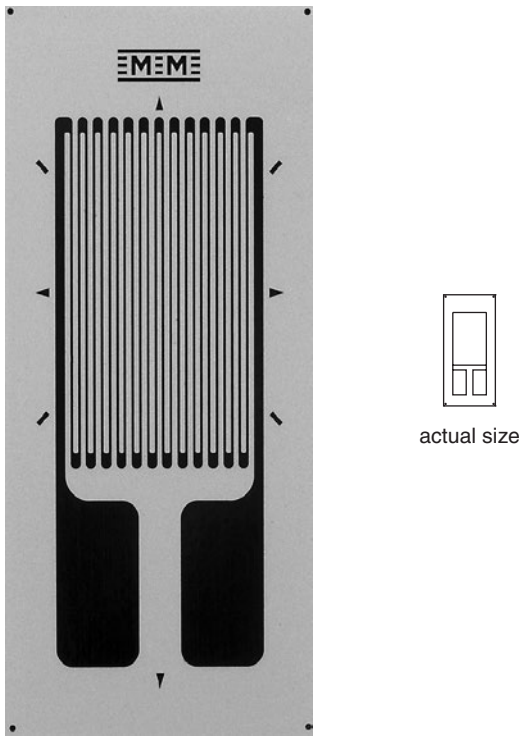


## General Purpose Strain Gages – Linear Pattern

GAGE PATTERN DATA					
			<b>GAGE DESIGNATION</b> See Note 1, 3	<b>RESISTANCE (OHMS)</b> See Note 2	<b>OPTIONS AVAILABLE</b> See Note 3
			EA-XX-250BK-10C <b>WA-XX-250BK-10C</b> WK-XX-250BK-30C <b>SA-XX-250BK-10C</b> <b>SK-XX-250BK-30C</b>	1000 ± 0.15% 1000 ± 0.3% 3000 ± 0.3% 1000 ± 0.3% 3000 ± 0.3%	W, E, L, LE, <b>P</b> W* <b>W*</b>
<b>DESCRIPTION</b> High-resistance gage with good power dissipation capability for high-output applications or use on plastics.					
<b>GAGE DIMENSIONS</b>		<b>Legend</b> ES = Each Section      CP = Complete Pattern S = Section (S1 = Section 1)      M = Matrix			
				inch	
				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	0.430	0.175	0.175	0.58	0.27
6.35	10.92	4.45	4.45	14.7	6.9

<b>GAGE SERIES DATA</b> — 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)
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, 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 datasheet for details.



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