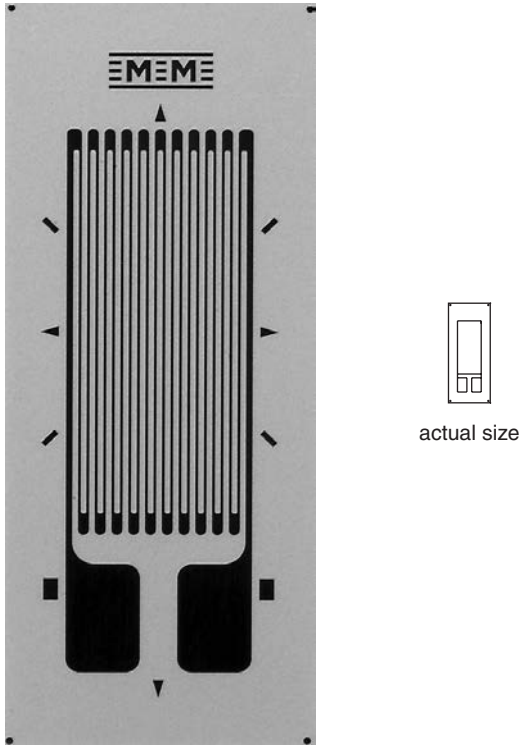


## General Purpose Strain Gages – Linear Pattern

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-250BF-350 ED-DY-250BF-10C EK-XX-250BF-10C <b>S2K-XX-250BF-10C</b> <b>WA-XX-250BF-350</b> WK-XX-250BF-10C EP-08-250BF-350 <b>SA-XX-250BF-350</b> <b>SK-XX-250BF-10C</b> <b>SD-DY-250BF-10C</b> WD-DY-250BF-10C	350 ±0.15% 1000 ±0.3% 1000 ±0.15% 1000 ±0.3% 350 ±0.3% 1000 ±0.3% 350 ±0.15% 350 ±0.3% 1000 ±0.3% 1000 ±0.6% 1000 ±0.6%	W, E, L, LE, P E, L*, LE* <b>W, SE</b>  <b>W*</b> <b>W*, SP35*</b>				
<b>DESCRIPTION</b> General-purpose gage with high-resistance grid. Compact geometry. Similar to 250BG pattern except for resistance. See also 250BM and 250UW patterns. EK-Series gages are supplied with duplex copper pads (DP) when optional feature W or SE is not specified.								
<b>GAGE DIMENSIONS</b>		<b>Legend</b> ES = Each Section S = Section (S1 = Section 1)			CP = Complete Pattern M = Matrix	<table border="1"> <tr> <td>inch</td> </tr> <tr> <td>millimeter</td> </tr> </table>	inch	millimeter
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	0.375	0.125	0.125	0.52	0.22			
6.35	9.53	3.18	3.18	13.2	5.6			

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)
EP	Annealed constantan foil with tough, high-elongation polyimide backing.	±20%	-100° to +400°F (-75° to +205°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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