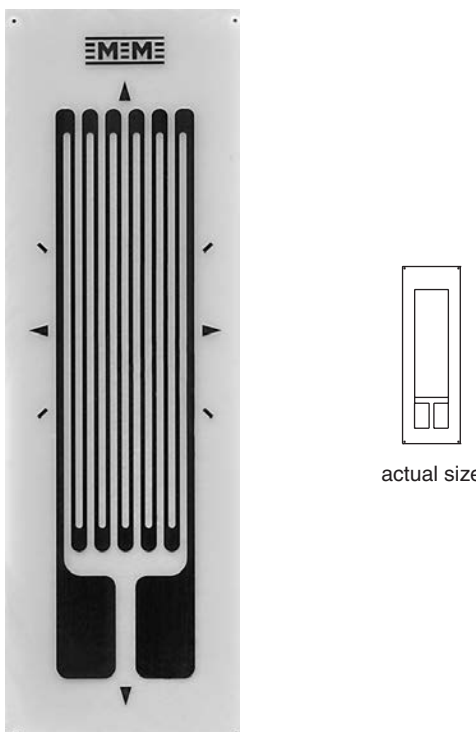


## General Purpose Strain Gages – Linear Pattern

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-500BH-120 ED-DY-500BH-350 <b>WA-XX-500BH-120</b> WK-XX-500BH-350 EP-08-500BH-120 <b>SA-XX-500BH-120</b> <b>SK-XX-500BH-350</b> <b>SD-DY-500BH-350</b> WD-DY-500BH-350	120 ±0.15% 350 ±0.3% 120 ±0.3% 350 ±0.3% 120 ±0.15% 120 ±0.3% 350 ±0.3% 350 ±0.6% 350 ±0.6%	W, E, L, LE, P E, L*, LE* W* <b>W*, SP35*</b>	
<b>DESCRIPTION</b> Widely used general-purpose gage with compact geometry. See also 500BL and 500UW patterns.					
<b>GAGE DIMENSIONS</b>		<b>Legend</b> ES = Each Section      CP = Complete Pattern S = Section (S1 = Section 1)      M = Matrix			<input type="checkbox"/> inch <input checked="" type="checkbox"/> 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>
0.500	0.720	0.175	0.175	0.92	0.30
12.70	18.29	4.45	4.45	23.4	7.6

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)
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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