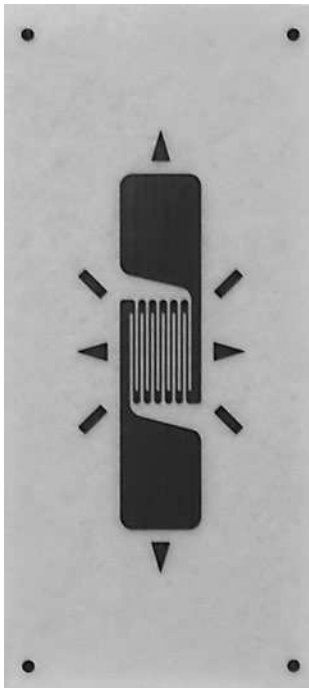
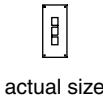


## General Purpose Strain Gages – Linear Pattern

GAGE PATTERN DATA					
		<b>GAGE DESIGNATION</b> See Notes 1, 3 and 4		<b>RESISTANCE (OHMS)</b> See Note 2	<b>OPTIONS AVAILABLE</b> See Note 3
		EA-XX-031DE-120 EA-XX-031DEA-350 ED-DY-031DE-350 <b>WA-XX-031DE-120</b> <b>WA-XX-031DE-350</b> WK-XX-031DE-350 EP-XX-031DE-120 <b>SA-XX-031DE-350</b> <b>SA-XX-031DE-350</b> <b>SK-XX-031DE-120</b> <b>SK-XX-031DE-350</b> <b>SD-DY-031DE-350</b>		120 ± 0.2% 350 ± 0.2% 350 ± 0.4% 120 ± 0.4% 350 ± 0.4% 350 ± 0.4% 120 ± 0.2% 350 ± 0.4% 350 ± 0.4% 120 ± 0.4% 350 ± 0.4% 350 ± 0.8%	E, <b>SE</b> , L, LE E, <b>SE</b> , L, LE E, L*, LE*
				<b>DESCRIPTION</b> General-purpose miniature gage.	
<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>
0.031	0.140	0.032	0.032	0.27	0.12
0.79	3.56	0.81	0.81	6.9	3.0

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.	±3%	-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°C)
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.	±10%	-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)

**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.

**Note 4:** Pattern names ending with “A” are built with Advanced Sensors Technology.

\*Options available but not normally recommended. See Optional Features data sheet for details.



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