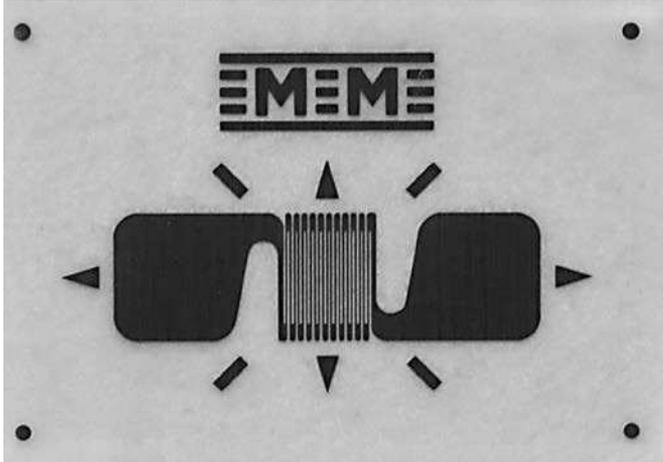


## General Purpose Strain Gages – Linear Pattern

GAGE PATTERN DATA							
		GAGE DESIGNATION	RESISTANCE (OHMS)	OPTIONS AVAILABLE			
		See Notes 1,3 and 4	See Note 2	See Note 3			
 <p>actual size</p>		EA-XX-031EC-120	120 ± 0.2%	E, <b>SE</b> , L, LE			
		EA-XX-031EC-350	350 ± 0.2%				
		ED-DY-031EC-350	350 ± 0.4%				
		<b>WA-XX-031EC-120</b>	120 ± 0.4%				
		<b>WA-XX-031EC-350</b>	350 ± 0.4%				
		WK-XX-031EC-350	350 ± 0.4%				
		EP-08-031EC-120	120 ± 0.2%				
		<b>SA-XX-031EC-120</b>	120 ± 0.4%				
		<b>SA-XX-031EC-350</b>	350 ± 0.4%				
		<b>SK-XX-031EC-120</b>	120 ± 0.4%				
		<b>SK-XX-031EC-350</b>	350 ± 0.4%				
		<b>SD-DY-031EC-350</b>	350 ± 0.8%				
EA-XX-031ECA-350	350 ± 0.2%	E, <b>SE</b> , L, LE					
<p><b>DESCRIPTION</b></p> <p>General-purpose miniature gage. Similar to 031DE pattern but with tab at each side of grid.</p>							
GAGE DIMENSIONS		Legend					
		ES = Each Section	CP = Complete Pattern	<table border="1"> <tr><td>inch</td></tr> <tr><td>millimeter</td></tr> </table>		inch	millimeter
inch							
millimeter							
		S = Section (S1 = Section 1)	M = Matrix				
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width		
0.031	0.042	0.032	0.140	0.17	0.23		
0.79	1.07	0.81	3.56	4.3	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.	±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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