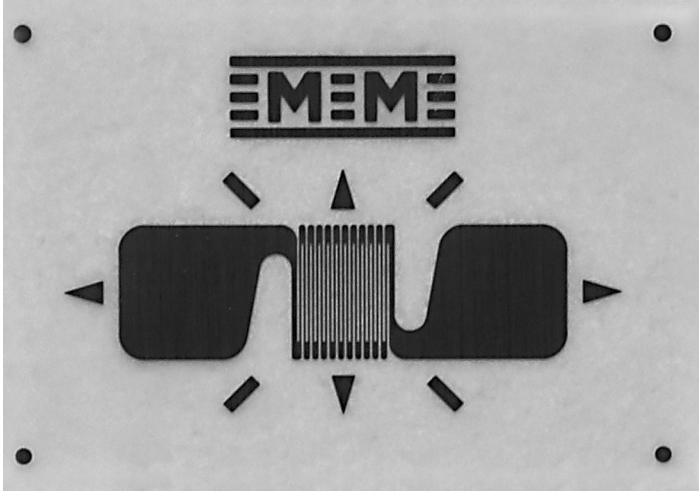


## General Purpose Strain Gages - Linear Pattern

GAGE PATTERN DATA						
 <p style="text-align: center;">actual size</p>			GAGE DESIGNATION	RESISTANCE (OHMS)	OPTIONS AVAILABLE	
			See Note 1, 3	See Note 2	See Note 3 <sup>^</sup>	
			EA-XX-031EC-120	120 ± 0.2%	E, SE, L, LE E, SE, L, LE E, 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%		
DESCRIPTION						
General-purpose miniature gage. Similar to 031DE pattern but with tab at each side of grid.						
GAGE DIMENSIONS			Legend: ES = Each Section S = Section (S1 = Sec 1)	CP = Complete Pattern M = Matrix	inch millimeter	
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 data sheet 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.

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

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All product specifications and data are subject to change without notice.

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