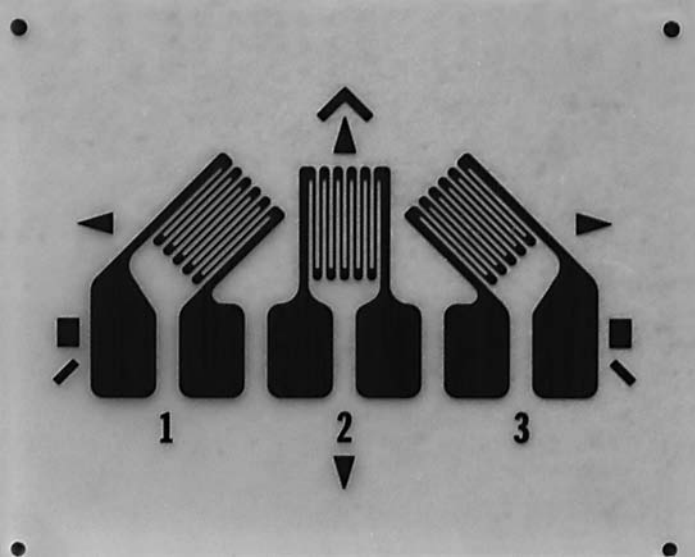


## General Purpose Strain Gages - Rectangular Pattern

GAGE PATTERN DATA					
 <p style="text-align: center;">actual size</p>			<b>GAGE DESIGNATION</b> See Note 1, 3	<b>RESISTANCE (OHMS)</b> See Note 2	<b>OPTIONS AVAILABLE</b> See Note 3
			EA-XX-031RB-120 EP-08-031RB-120 <b>SA-XX-031RB-120</b>	120 ± 0.4% 120 ± 0.4% 120 ± 0.8%	E, <b>SE</b> , L, LE
<b>DESCRIPTION</b> Miniature 45° rectangular single-plane rosette with compact geometry.					
<b>GAGE DIMENSIONS</b>					
			Legend: ES = Each Section S = Section (S1 = Sec 1)	CP = Complete Pattern 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>
0.031ES	0.085 CP	0.031 ES	0.175 CP	0.19	0.30
0.79 ES	2.16 CP	0.79 ES	4.45 CP	4.8	6.1

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]
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]

**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.

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