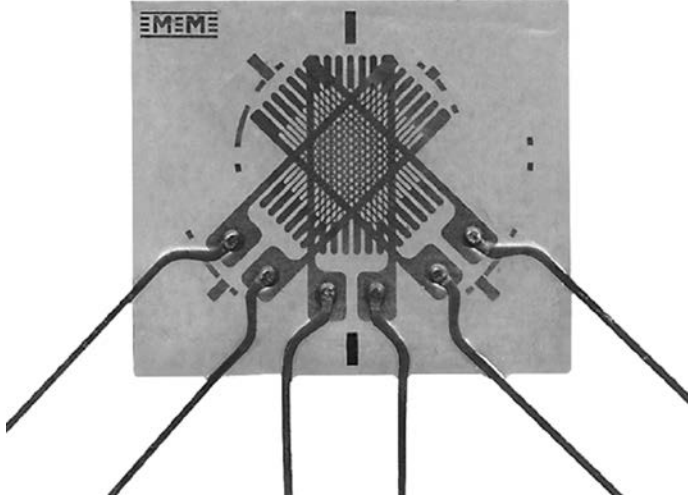


## General Purpose Strain Gages – Rectangular Rosette

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		
			<b>WA-XX-120WR-120</b> <b>WA-XX-120WR-350</b> WD-DY-120WR-350 WK-XX-120WR-120 WK-XX-120WR-350 <b>SA-XX-120WR-120</b> <b>SA-XX-120WR-350</b> <b>SK-XX-120WR-120</b> <b>SK-XX-120WR-350</b> <b>SD-DY-120WR-350</b>	120 ±0.5% 350 ±0.5% 350 ±0.5% 120 ±0.5% 350 ±0.5% 120 ±0.5% 350 ±0.5% 120 ±0.5% 350 ±0.5% 350 ±0.5%	W W W* <b>W, SP35</b> <b>W, SP35</b>		
			<b>DESCRIPTION</b> Three-element 45° rectangular stacked rosette				
<b>GAGE DIMENSIONS</b>		<b>Legend</b> ES = Each Section      CP = Complete Pattern S = Section (S1 = Section 1)      M = Matrix			<table border="1"> <tr><td>inch</td></tr> <tr><td>millimeter</td></tr> </table>	inch	millimeter
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>		
0.120 ES	0.34 M	0.080 ES	0.040 M	0.34	0.40		
3.05 ES	8.6 M	2.03 ES	10.2 M	8.6	10.2		

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
WA	Fully encapsulated constantan gages with high-endurance leadwires.	±2%	-100° to +400°F (-75° to +205°)
WD	Fully encapsulated isoelastic gages with high-endurance leadwires.	±1.5%	-320° to +500°F (-195° to +260°C)
WK	Fully encapsulated K-alloy gages with high-endurance leadwires.	±1.5%	-452° to +550°F (-269° to +290°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, 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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