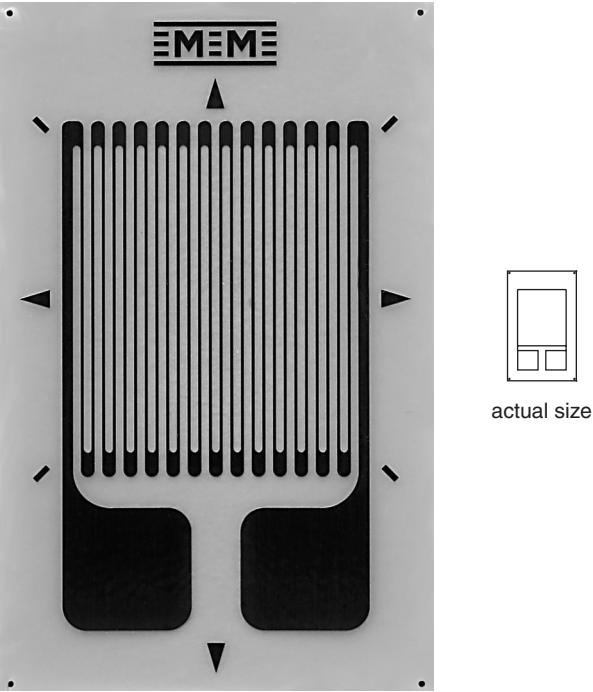


General Purpose Strain Gages - Linear Pattern

GAGE PATTERN DATA																							
			GAGE DESIGNATION See Note 1, 3	RESISTANCE (OHMS) See Note 2	OPTIONS AVAILABLE See Note 3																		
			EA-XX-250AE-350 ED-DY-250AE-10C WA-XX-250AE-350 WK-XX-250AE-10C EP-08-250AE-350 SA-XX-250AE-350 SK-XX-250AE-10C SD-DY-250AE-10C WD-DY-250AE-10C	350 ± 0.15% 1000 ± 0.3% 350 ± 0.3% 1000 ± 0.3% 350 ± 0.15% 350 ± 0.3% 1000 ± 0.3% 1000 ± 0.6% 1000 ± 0.6%	W, E, L, LE, P E, L*, LE* W* W*																		
DESCRIPTION General-purpose gage with high-dissipation grid. See also 250AF pattern.																							
GAGE DIMENSIONS		Legend: ES = Each Section S = Section (S1 = Sec 1)	CP = Complete Pattern M = Matrix	<table border="1"> <tr> <td>inch</td> </tr> <tr> <td>millimeter</td> </tr> </table>		inch	millimeter																
inch																							
millimeter																							
<table border="1"> <thead> <tr> <th>Gage Length</th> <th>Overall Length</th> <th>Grid Width</th> <th>Overall Width</th> <th>Matrix Length</th> <th>Matrix Width</th> </tr> </thead> <tbody> <tr> <td>0.250</td> <td>0.415</td> <td>0.250</td> <td>0.250</td> <td>0.57</td> <td>0.36</td> </tr> <tr> <td>6.35</td> <td>10.54</td> <td>6.35</td> <td>6.35</td> <td>14.5</td> <td>9.1</td> </tr> </tbody> </table>	Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width	0.250	0.415	0.250	0.250	0.57	0.36	6.35	10.54	6.35	6.35	14.5	9.1					
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0.250	0.415	0.250	0.250	0.57	0.36																		
6.35	10.54	6.35	6.35	14.5	9.1																		

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.	±5%	-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.	±20%	-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]
WD	Fully encapsulated isoelastic gages with high-endurance leadwires.	±1.5%	-320° to +500°F [-195° to +260°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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