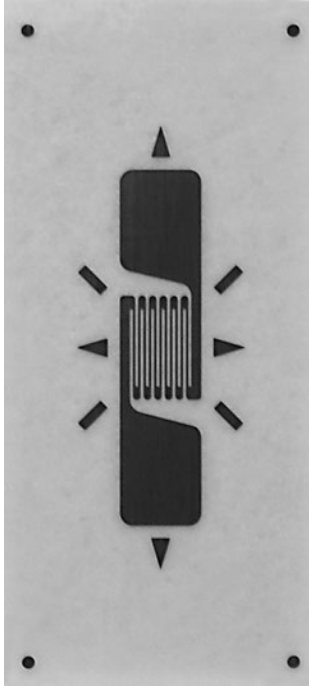


General Purpose Strain Gages – Linear Pattern

GAGE PATTERN DATA									
		GAGE DESIGNATION See Note 1, 3		RESISTANCE (OHMS) See Note 2	OPTIONS AVAILABLE See Note 3				
		EA-XX-031DE-120 EA-XX-031DE-350 ED-DY-031DE-350 WA-XX-031DE-120 WA-XX-031DE-350 WK-XX-031DE-350 EP-XX-031DE-120 SA-XX-031DE-350 SA-XX-031DE-350 SK-XX-031DE-120 SK-XX-031DE-350 SD-DY-031DE-350		120 ± 0.2% 350 ± 0.2% 350 ± 0.4% 120 ± 0.4% 350 ± 0.4% 350 ± 0.4% 120 ± 0.2% 350 ± 0.4% 350 ± 0.4% 120 ± 0.4% 350 ± 0.4% 350 ± 0.8%	E, SE , L, LE E, SE , L, LE E, L*, LE*				
		DESCRIPTION General-purpose miniature gage.							
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix							
		<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 50%;">inch</td> <td style="width: 50%;"></td> </tr> <tr> <td>millimeter</td> <td></td> </tr> </table>				inch		millimeter	
inch									
millimeter									
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width				
0.031	0.140	0.032	0.032	0.27	0.12				
0.79	3.56	0.81	0.81	6.9	3.0				

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.

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



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