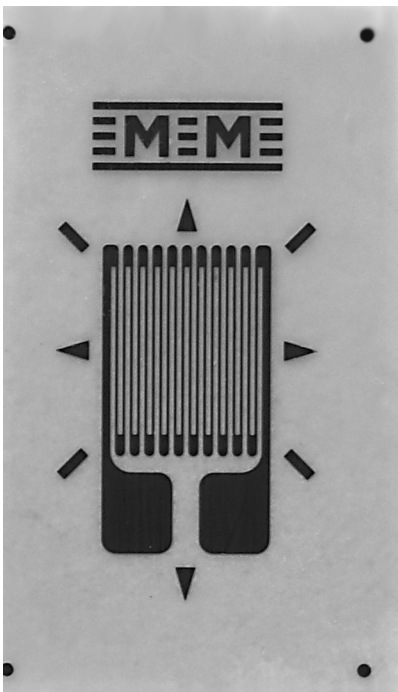# General Purpose Strain Gages - Linear Pattern

GAGE PATTERN DATA

actual size

GAGE DESIGNATION See Note 1, 3	RESISTANCE (OHMS) See Note 2	OPTIONS AVAILABLE See Note 3
EA-XX-062AQ-350	350 ± 0.15%	W, E, L, LE, **P**
ED-DY-062AQ-500	500 ± 0.4%	E, L*, LE*
WA-XX-062AQ-350	350 ± 0.3%	W*
WK-XX-062AQ-500	500 ± 0.3%	**W***
EP-08-062AQ-350	350 ± 0.15%	
SA-XX-062AQ-350	350 ± 0.3%	
SK-XX-062AQ-500	500 ± 0.3%	
SD-DY-062AQ-500	500 ± 0.8%	
WD-DY-062AQ-500	500 ± 0.8%	

DESCRIPTION

General-purpose gage. Similar to 062AP pattern but with high-resistance grid. See also 062UW pattern.

GAGE DIMENSIONS	Legend:	ES = Each Section	CP = Complete Pattern	inch
		S = Section (S1 = Sec 1)	M = Matrix	millimeter

Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.062	0.114	0.062	0.062	0.26	0.15
1.57	2.90	1.57	1.57	6.6	3.8

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

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