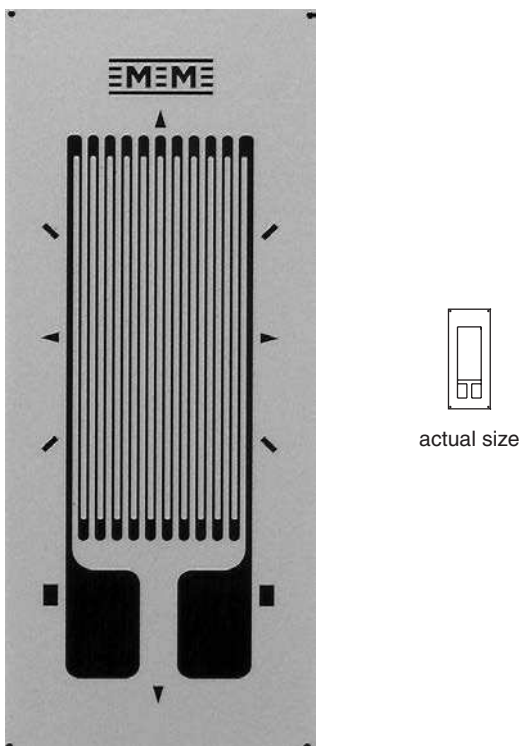


General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA					
 <p>actual size</p>			GAGE DESIGNATION	RESISTANCE (OHMS)	OPTIONS AVAILABLE
			See Note 1, 3	See Note 2	See Note 3
			EA-XX-250BF-350 ED-DY-250BF-10C EK-XX-250BF-10C S2K-XX-250BF-10C WA-XX-250BF-350 WK-XX-250BF-10C EP-08-250BF-350 SA-XX-250BF-350 SK-XX-250BF-10C SD-DY-250BF-10C WD-DY-250BF-10C	350 ±0.15% 1000 ±0.3% 1000 ±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, SE W* W*, SP35*
DESCRIPTION General-purpose gage with high-resistance grid. Compact geometry. Similar to 250BG pattern except for resistance. See also 250BM and 250UW patterns. EK-Series gages are supplied with duplex copper pads (DP) when optional feature W or SE is not specified.					
GAGE DIMENSIONS			Legend ES = Each Section S = Section (S1 = Section 1) CP = Complete Pattern M = Matrix		
			<div>inch</div> <div>millimeter</div>		
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.250	0.375	0.125	0.125	0.52	0.22
6.35	9.53	3.18	3.18	13.2	5.6

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.	±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)
EK	K-alloy foil in combination with a tough, flexible polyimide backing.	±1.5%	–320° to +350°F (–195° to +175°C)
S2K	K-alloy foil with laminated thick, high-performance polyimide backing.	±1.5%	–100° to +250°F (–75° to +120°C)
WA	Fully encapsulated constantan gages with high-endurance leadwires.	±2%	–100° to +400°F (–75° to +205°)
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, 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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