

Linear Patterns (General-Use)

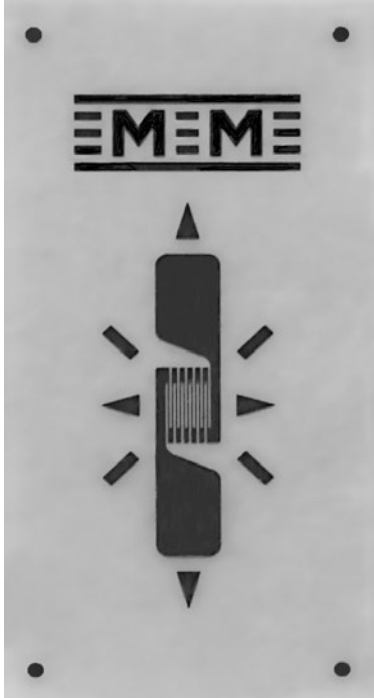
FEATURES

- Gage patterns designed for measuring strain in a single direction
- Single-grid and parallel dual-grid patterns
- Gage lengths from 0.008" (0.20 mm) to 4.000" (101.6 mm)

PATTERNS

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General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA					
 <p style="text-align: center;">actual size</p>			GAGE DESIGNATION See Note 1, 3	RESISTANCE (OHMS) See Note 2	OPTIONS AVAILABLE See Note 3
			EA-XX-015DJ-120 EP-08-015DJ-120 SA-XX-015DJ-120 SK-XX-015DJ-120	120 ± 0.3% 120 ± 0.3% 120 ± 0.6% 120 ± 0.6%	L, LE
DESCRIPTION Micro-miniature pattern with tab at each end of grid. See also 015EH pattern.					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
		inch			
		millimeter			
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.015	0.100	0.020	0.020	0.23	0.12
0.38	2.54	0.51	0.51	5.8	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)
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)



Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

Note 3: Products with designations and options shown in **bold** are not RoHS compliant.

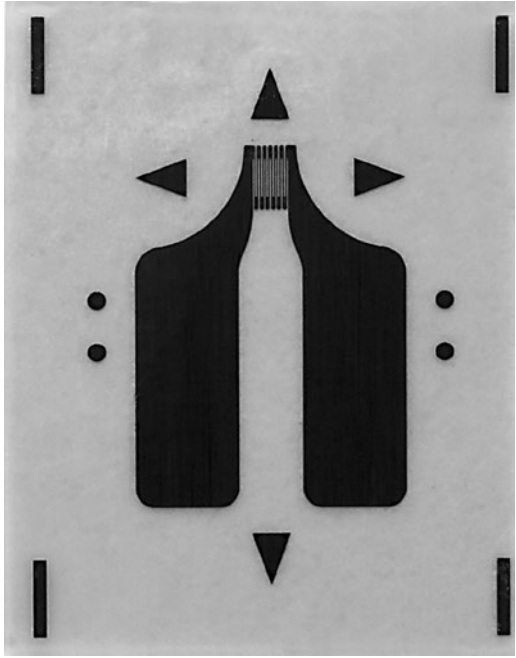

General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA					
 <p style="text-align: center;">actual size</p>			GAGE DESIGNATION See Note 1	RESISTANCE (OHMS) 120 ± 0.6% 120 ± 0.6%	OPTIONS AVAILABLE
			L2A-XX-015LW-120 C2A-XX-015LW-120		
DESCRIPTION Widely used general-purpose gage.					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			<input type="checkbox"/> inch <input type="checkbox"/> millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.015	0.052	0.020	0.034	0.075	0.054
0.38	1.32	0.50	0.86	1.90	1.37

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
C2A	Encapsulated constantan gages with preattached ready-to-use cables.	±3%	-60° to +180°F (-50° to +80°C)
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Example of an L2A Construction</p> </div> <div style="text-align: center;">  <p>Example of an C2A Construction</p> </div> </div>			

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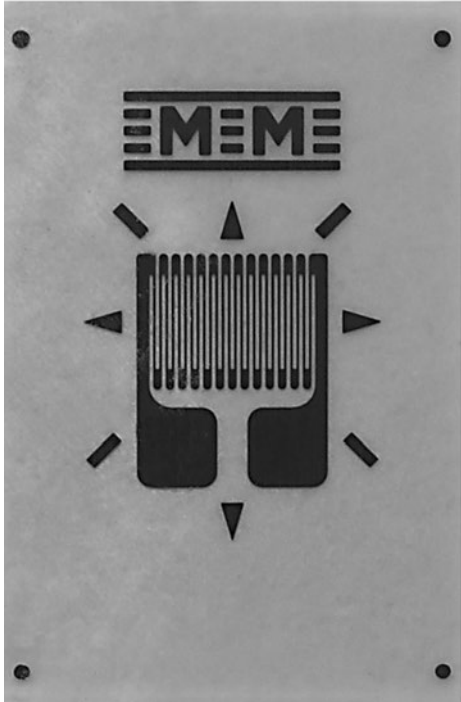
General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA					
 <p>actual size</p>			GAGE DESIGNATION See Note 1	RESISTANCE (OHMS) 	OPTIONS AVAILABLE
			CEA-XX-015UW-120	120 ± 0.3%	
DESCRIPTION Micro-miniature pattern. Exposed solder tab area is 0.06 x 0.04 (1.5 x 1.0 mm). See also 015CK pattern					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			<input type="checkbox"/> inch <input type="checkbox"/> millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.015	0.140	0.020	0.105	0.24	0.18
0.38	3.56	0.51	2.67	6.1	4.6

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
CEA	Universal general-purpose strain gages.	±3%	-100° to +350°F (-75° to +175°C)

Note 1: Insert desired S-T-C number in spaces marked XX.

General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA							
 <p>actual size</p>			GAGE DESIGNATION See Note 1, 3	RESISTANCE (OHMS) See Note 2	OPTIONS AVAILABLE See Note 3		
			EA-XX-031CE-350 WA-XX-031CE-350 EP-XX-031CE-350 SA-XX-031CE-350	350 ± 0.2% 350 ± 0.4% 350 ± 0.2% 350 ± 0.4%	W, E, L, LE, P		
DESCRIPTION General-purpose high-resistance miniature gage.							
GAGE DIMENSIONS			Legend 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							
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width		
0.031	0.076	0.062	0.062	0.23	0.16		
0.79	1.93	1.57	1.57	5.8	4.1		

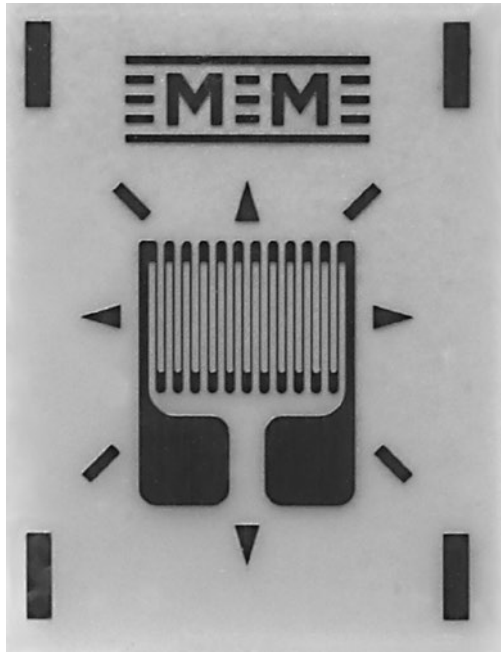
GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
EA	Constantan foil in combination with a tough, flexible, polyimide backing.	±3%	-100° to +350°F (-75° to +175°C)
WA	Fully encapsulated constantan gages with high-endurance leadwires.	±2%	-100° to +400°F (-75° to +205°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)

Note 1: Insert desired S-T-C number in spaces marked XX.

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General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA					
 <p>actual size</p>		GAGE DESIGNATION See Note 1, 3	RESISTANCE (OHMS) See Note 2	OPTIONS AVAILABLE See Note 3	
		EA-XX-031CF-120 ED-DY-031CF-350 WA-XX-031CF-120 WK-XX-031CF-350 EP-08-031CF-120 SA-XX-031CF-120 SK-XX-031CF-120 SK-XX-031CF-350 SD-DY-031CF-350	120 ± 0.2% 350 ± 0.4% 120 ± 0.4% 350 ± 0.4% 120 ± 0.2% 120 ± 0.4% 120 ± 0.4% 350 ± 0.4% 350 ± 0.8%	W, E, L, LE, P E, L*, LE*	
DESCRIPTION General-purpose miniature gage. Similar to 031CE pattern except for resistance. See also 032UW pattern.					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
				inch	
				millimeter	
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.031	0.076	0.062	0.062	0.19	0.14
0.79	1.93	1.57	1.57	4.8	3.5

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)

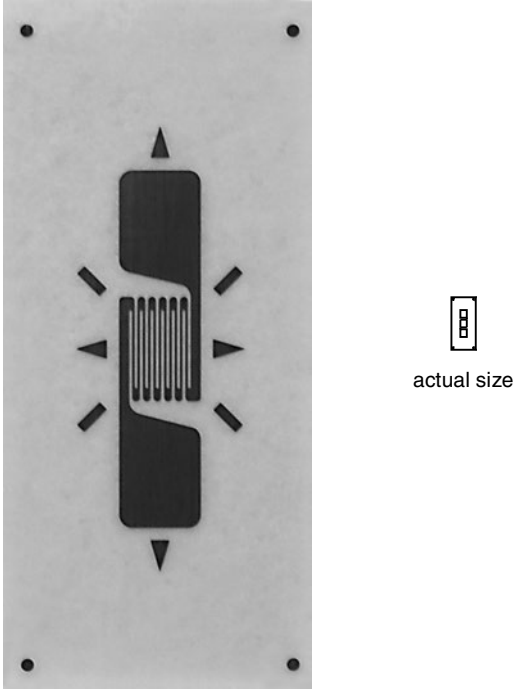
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Note 2:

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

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 S = Section (S1 = Section 1)		CP = Complete Pattern M = Matrix	
				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)

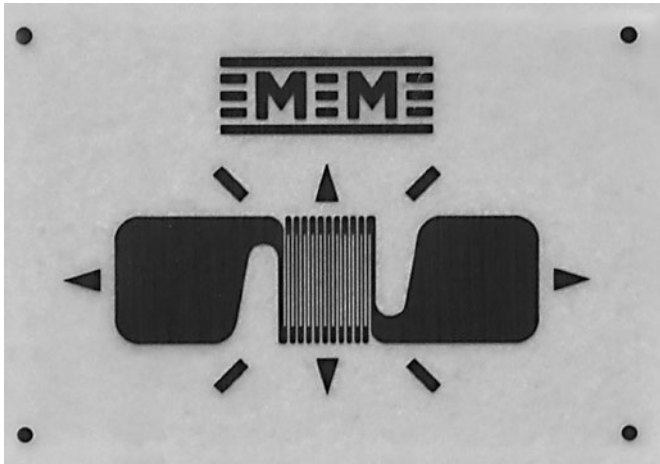

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Note 2:

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

General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA					
 <div style="text-align: center;">  actual size </div>	GAGE DESIGNATION See Note 1, 3	RESISTANCE (OHMS) See Note 2	OPTIONS AVAILABLE See Note 3		
	EA-XX-031EC-120 EA-XX-031EC-350 ED-DY-031EC-350 WA-XX-031EC-120 WA-XX-031EC-350 WK-XX-031EC-350 EP-08-031EC-120 SA-XX-031EC-120 SA-XX-031EC-350 SK-XX-031EC-120 SK-XX-031EC-350 SD-DY-031EC-350	120 ± 0.2% 350 ± 0.2% 350 ± 0.4% 120 ± 0.4% 350 ± 0.4% 350 ± 0.4% 120 ± 0.2% 120 ± 0.4% 350 ± 0.4% 120 ± 0.4% 350 ± 0.4% 350 ± 0.4%	E, SE , L, LE E, SE , L, LE E, L*, LE*		
DESCRIPTION General-purpose miniature gage. Similar to 031DE pattern but with tab at each side of grid.					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.031	0.042	0.032	0.140	0.17	0.23
0.79	1.07	0.81	3.56	4.3	5.8

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)

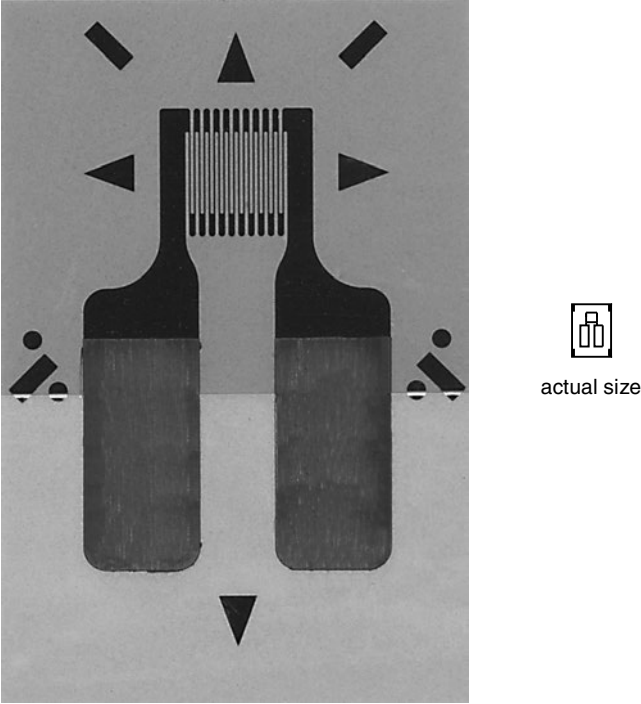
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General Purpose Strain Gages—Linear Pattern

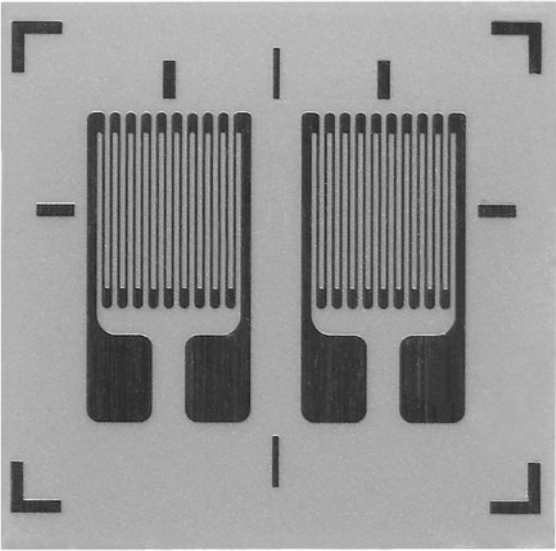

GAGE PATTERN DATA					
			GAGE DESIGNATION See Note 1	RESISTANCE (OHMS)	OPTIONS AVAILABLE See Note 2
			CEA-XX-032UW-120 CEA-XX-032UW-350	120 ± 0.3% 350 ± 0.3%	P2 P2
DESCRIPTION General-purpose miniature gage. Exposed solder tab area is 0.07 x 0.04 in [1.8 x 1.0 mm].					
GAGE DIMENSIONS		Legend			<input type="checkbox"/> inch <input type="checkbox"/> millimeter
		ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.032	0.180	0.060	0.120	0.27	0.19
0.81	4.57	1.52	3.05	6.9	4.8

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
CEA	Universal general-purpose strain gages.	±3%	-100° to +350°F (-75° to +175°C)

Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2: Products with designations and options shown in **bold** are not RoHS compliant.

General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA							
 <p style="text-align: center;">  actual size </p>			GAGE DESIGNATION See Note 1, 3	RESISTANCE (OHMS) See Note 2	OPTIONS AVAILABLE See Note 3		
			EA-XX-060PB-120 EA-XX-060PB-350 WA-XX-060PB-120 WA-XX-060PB-350 WK-XX-060PB-350 WK-XX-060PB-500 SA-XX-060PB-120 SA-XX-060PB-350 SK-XX-060PB-350 SK-XX-060PB-500	120 ± 0.2% 350 ± 0.2% 120 ± 0.3% 350 ± 0.3% 350 ± 0.3% 500 ± 0.3% 120 ± 0.3% 350 ± 0.3% 350 ± 0.3% 500 ± 0.3%	W, E, L, LE W, E, L, LE W* W* W* W*		
DESCRIPTION Dual pattern for back-to-back bending sections. Longitudinal grid centerlines spaced 0.085 in (2.16 mm) apart.							
GAGE DIMENSIONS		Legend 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							
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width		
0.060 ES	0.120 CP	0.065 ES	0.150 CP	0.18	0.20		
1.52 ES	3.05 CP	1.65 ES	3.81 CP	4.6	5.1		

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)
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)
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)

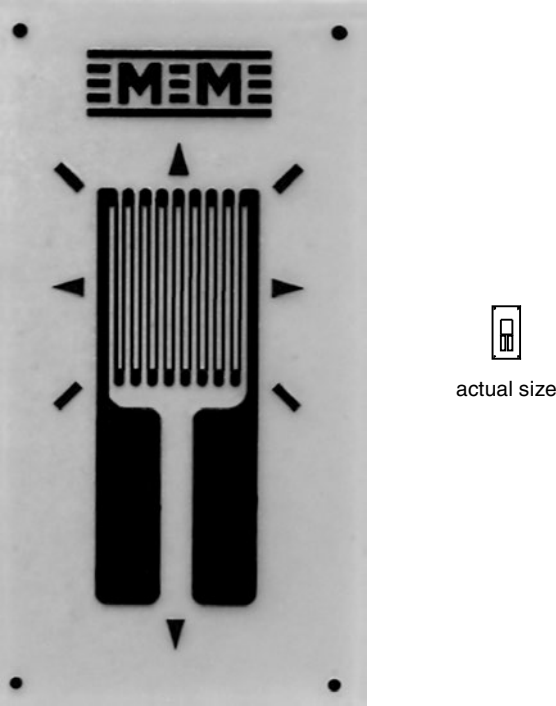
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*Options available but not normally recommended. See Optional Features data sheet for details.

General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA					
 <p>actual size</p>			GAGE DESIGNATION See Note 1	RESISTANCE (OHMS) See Note 2	OPTIONS AVAILABLE See Note 3
			EA-XX-062AK-120 ED-DY-062AK-350 EP-08-062AK-120	120 ± 0.15% 350 ± 0.4% 120 ± 0.15%	E, P E
DESCRIPTION General-purpose gage with elongated solder tabs. See the 062AP pattern for WA, WK, and other series with this grid size.					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
				inch	
				millimeter	
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.062	0.160	0.062	0.062	0.27	0.14
1.57	4.06	1.57	1.57	6.9	3.6

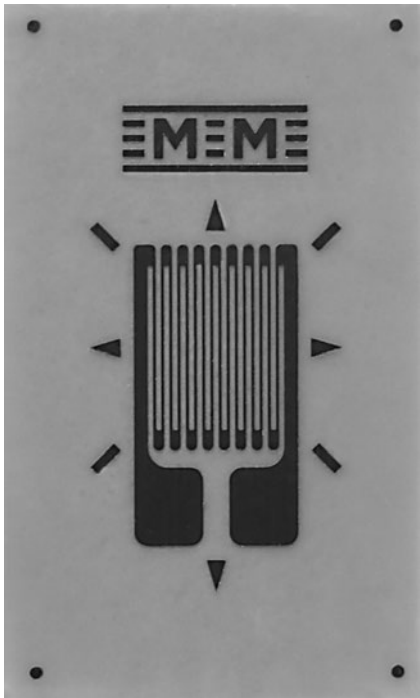
GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
EA	Constantan foil in combination with a tough, flexible, polyimide backing.	±3%	-100° to +350°F (-75° to +175°C)
ED	Isoelastic foil in combination with tough, flexible polyimide film.	±2%	-320° to +400°F (-195° to +205°C)
EP	Annealed constantan foil with tough, high-elongation polyimide backing.	±10%	-100° to +400°F (-75° to +205°C)

Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

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General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA					
 <p>actual size</p>			GAGE DESIGNATION See Note 1, 3	RESISTANCE (OHMS) See Note 2	OPTIONS AVAILABLE See Note 3
			EA-XX-062AP-120 ED-DY-062AP-350 EK-XX-062AP-350 WA-XX-062AP-120 WK-XX-062AP-350 EP-XX-062AP-120 SA-XX-062AP-120 SK-XX-062AP-350 SD-DY-062AP-350 WD-DY-062AP-350	120 ± 0.15% 350 ± 0.4% 350 ± 0.15% 120 ± 0.3% 350 ± 0.3% 120 ± 0.15% 120 ± 0.3% 350 ± 0.3% 350 ± 0.8% 350 ± 0.8%	W, E, L, LE, P E, L*, LE* W, SE W* W*
DESCRIPTION Widely used general-purpose gage. See also 062UW pattern. 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 CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
				<input type="checkbox"/> inch <input type="checkbox"/> millimeter	
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.062	0.114	0.062	0.062	0.26	0.16
1.57	2.90	1.57	1.57	6.6	4.1

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)
EK	K-alloy foil in combination with a tough, flexible polyimide backing.	±1.5%	-320° to +350°F (-195° to +175°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)

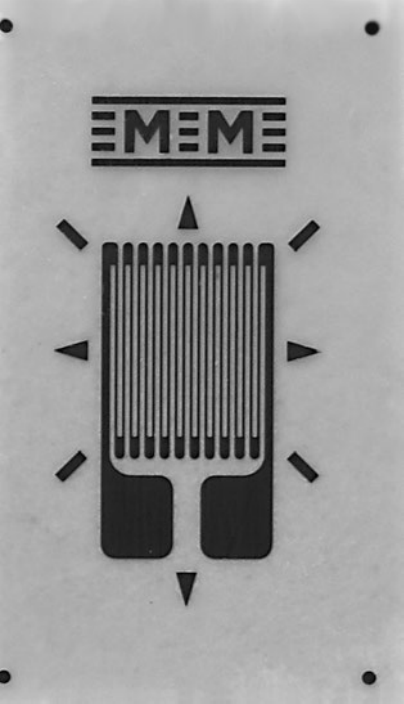
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General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA					
 <p>actual size</p>		GAGE DESIGNATION See Note 1, 3	RESISTANCE (OHMS) See Note 2	OPTIONS AVAILABLE See Note 3	
		EA-XX-062AQ-350 ED-DY-062AQ-500 WA-XX-062AQ-350 WK-XX-062AQ-500 EP-08-062AQ-350 SA-XX-062AQ-350 SK-XX-062AQ-500 SD-DY-062AQ-500 WD-DY-062AQ-500	350 ± 0.15% 500 ± 0.4% 350 ± 0.3% 500 ± 0.3% 350 ± 0.15% 350 ± 0.3% 500 ± 0.3% 500 ± 0.8% 500 ± 0.8%	W, E, L, LE, P E, L*, LE* W* W*	
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 S = Section (S1 = Section 1) M = Matrix			
				inch	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 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)
WD	Fully encapsulated isoelastic gages with high-endurance leadwires.	±1.5%	-320° to +500°F (-195° to +260°C)

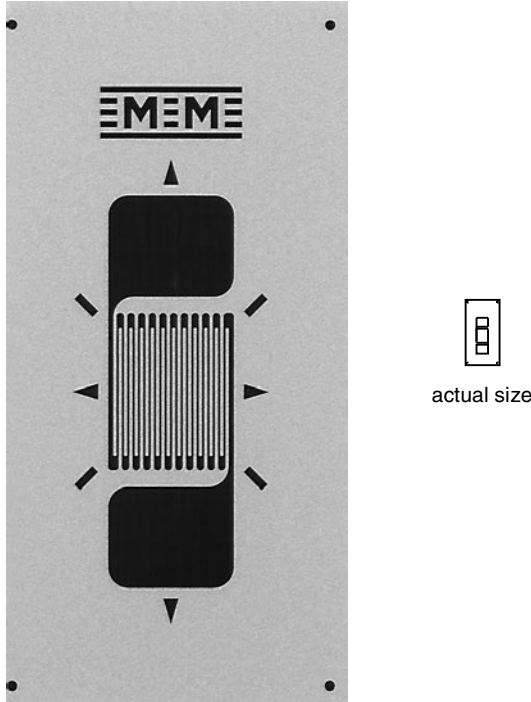
Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

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.

General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA					
 <p>actual size</p>			GAGE DESIGNATION See Note 1, 3	RESISTANCE (OHMS) See Note 2	OPTIONS AVAILABLE See Note 3
			EA-XX-062DN-350 ED-DY-062DN-500 WA-XX-062DN-350 WK-XX-062DN-500 EP-08-062DN-350 SA-XX-062DN-350 SK-XX-062DN-500 SD-DY-062DMN-500 WD-DY-062DN-500	350 ± 0.15% 500 ± 0.4% 350 ± 0.3% 500 ± 0.3% 350 ± 0.15% 350 ± 0.3% 500 ± 0.3% 500 ± 0.8% 500 ± 0.8%	E, L, LE E, L*, LE*
DESCRIPTION Similar to 062DF pattern except for grid resistance.					
GAGE DIMENSIONS			Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix		
				inch millimeter	
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.062	0.190	0.062	0.062	0.34	0.18
1.57	4.83	1.57	1.57	8.6	4.6

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.	±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)

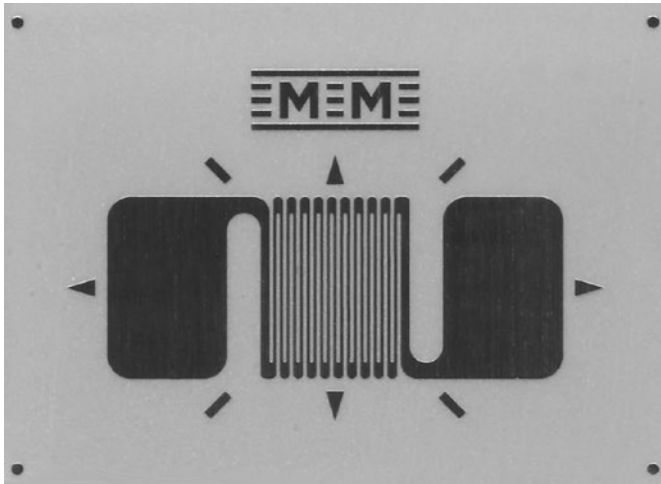

Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

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.

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-062ED-120 ED-DY-062ED-350 WA-XX-062ED-120 WK-XX-062ED-350 EP-08-062ED-120 SA-XX-062ED-350 SK-XX-062ED-350 SD-DY-062ED-350 WD-DY-062ED-350	120 ± 0.15% 350 ± 0.4% 120 ± 0.3% 350 ± 0.3% 120 ± 0.15% 120 ± 0.3% 350 ± 0.3% 350 ± 0.8% 350 ± 0.8%	E, L, LE E, L*, LE**	
 actual size		DESCRIPTION General-purpose gage. Similar to 062EN pattern except for grid resistance.			
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
				inch	
				millimeter	
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.062	0.076	0.062	0.190	0.21	0.29
1.57	1.93	1.57	4.83	5.3	7.4

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)
WD	Fully encapsulated isoelastic gages with high-endurance leadwires.	±1.5%	-320° to +500°F (-195° to +260°C)

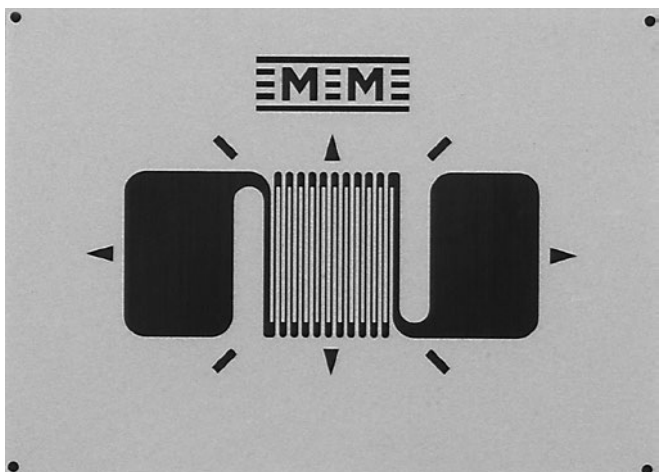
Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

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.

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-062EN-350 ED-DY-062EN-500 WA-XX-062EN-350 WK-XX-062EN-500 EP-08-062EN-350 SA-XX-062EN-350 SK-XX-062EN-500 SD-DY-062EN-500 WD-DY-062EN-500	350 ± 0.15% 500 ± 0.4% 350 ± 0.3% 500 ± 0.3% 350 ± 0.15% 350 ± 0.3% 500 ± 0.3% 500 ± 0.8% 500 ± 0.8%	E, L, LE E, L*, LE*
DESCRIPTION Similar to 062ED pattern except for grid resistance.					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
				inch	
				millimeter	
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.062	0.076	0.062	0.190	0.23	0.31
1.57	1.93	1.57	4.83	5.8	7.9

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)
WD	Fully encapsulated isoelastic gages with high-endurance leadwires.	±1.5%	-320° to +500°F (-195° to +260°C)

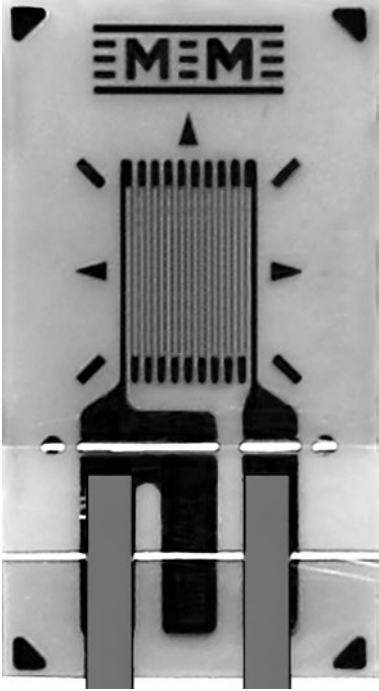




Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

Note 3: Products with designations and options shown in **bold** are not RoHS compliant.

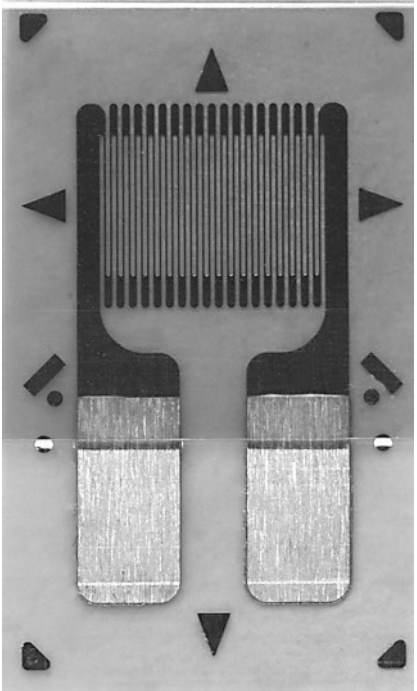
*Options available but not normally recommended. See Optional Features data sheet for details.

General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA					
		GAGE DESIGNATION See Note 1		RESISTANCE (OHMS)	OPTIONS AVAILABLE
		L2A-XX-062LW-120 L2A-XX-062LW-350 C2A-XX-062LW-120 C2A-XX-062LW-350		120 ± 0.6% 350 ± 0.6% 120 ± 0.6% 350 ± 0.6%	
		 actual size			
		DESCRIPTION Widely used general-purpose gage.			
GAGE DIMENSIONS		Legend ES = Each Section S = Section (S1 = Section 1) CP = Complete Pattern M = Matrix			<input type="checkbox"/> inch <input type="checkbox"/> millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.062	0.175	0.050	0.080	0.252	0.170
1.52	4.45	1.27	2.03	6.40	4.32
GAGE SERIES DATA — See Gage Series datasheet for complete specifications					
Series	Description	Strain Range	Temperature Range		
L2A	Encapsulated constantan gages with preattached ribbon leads.	±3%	-100° to +250°F (-75° to +120°C)		
C2A	Encapsulated constantan gages with preattached ready-to-use cables.	±3%	-60° to +180°F (-50° to +80°C)		
 <p>Example of an L2A Construction</p>		 <p>Example of an C2A Construction</p>			

Note 1: Insert desired S-T-C number in spaces marked XX.

General Purpose Strain Gages—Linear Pattern

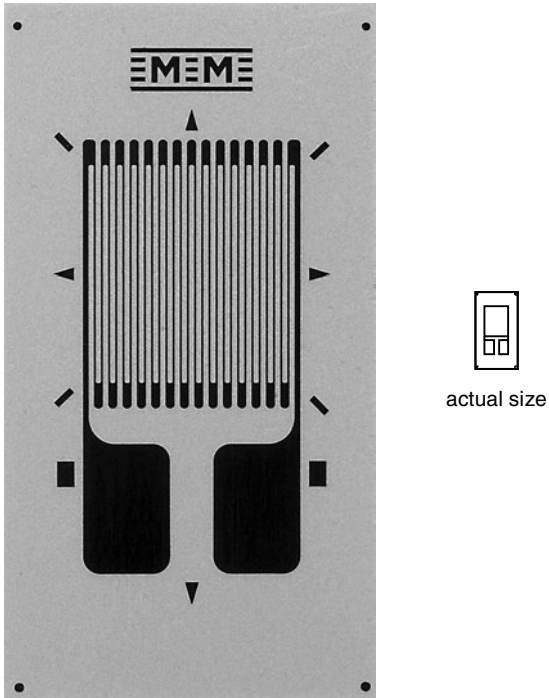
GAGE PATTERN DATA					
 <p>actual size</p>			GAGE DESIGNATION See Note 1	RESISTANCE (OHMS)	OPTIONS AVAILABLE See Note 2
			CEA-XX-062UW-120 CEA-XX-062UW-350	120 ± 0.3% 350 ± 0.3%	P2 P2
DESCRIPTION General-purpose gage. Exposed solder tab area is 0.07 x 0.04 in [1.8 x 1.0 mm].					
GAGE DIMENSIONS		Legend			<input type="checkbox"/> inch <input type="checkbox"/> millimeter
		ES = Each Section S = Section (S1 = Section 1)			CP = Complete Pattern M = Matrix
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.062	0.220	0.120	0.120	0.31	0.19
1.57	5.59	3.05	3.05	7.9	4.8

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
CEA	Universal general-purpose strain gages.	±3%	-100° to +350°F (-75° to +175°C)

Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2: Products with designations and options shown in **bold** are not RoHS compliant.

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-125AC-350 ED-DY-125AC-10C EK-XX-125AC-10C S2K-XX-125AC-10C WA-XX-125AC-350 WK-XX-125AC-10C EP-08-125AC-350 SA-XX-125AC-350 SK-XX-125AC-10C SD-DY-125AC-10C WD-DY-125AC-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*
DESCRIPTION Widely used general-purpose gage with high-resistance grid. See also 125AD, 125UN, and 125UW 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 CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
				inch	
				millimeter	
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.125	0.250	0.125	0.125	0.40	0.22
3.18	6.35	3.18	3.18	10.2	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°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)

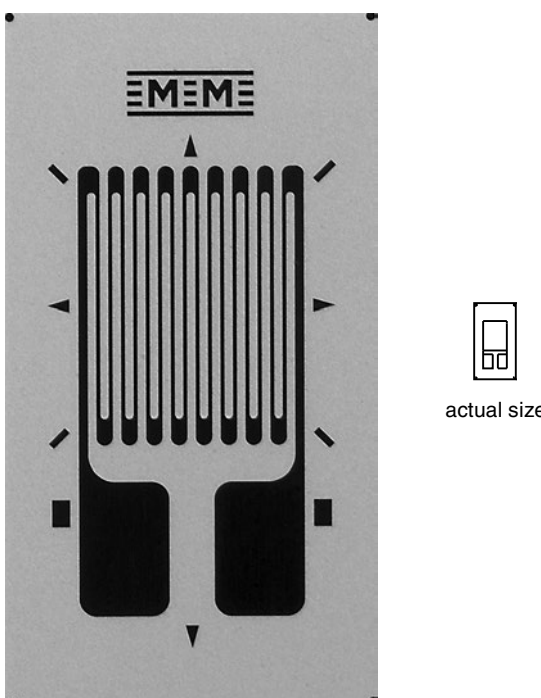
Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

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.

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-125AD-120 ED-DY-125AD-350 EK-XX-125AD-350 WA-XX-125AD-120 WK-XX-125AD-350 EP-XX-125AD-120 SA-XX-125AD-120 SK-XX-125AD-350 SD-DY-125AD-350 WD-DY-125AD-350	120 ± 0.15% 350 ± 0.3% 350 ± 0.15% 120 ± 0.3% 350 ± 0.3% 120 ± 0.15% 120 ± 0.3% 350 ± 0.3% 350 ± 0.6% 350 ± 0.6%	W, E, L, LE, P E, L*, LE* W, SE W* W*
DESCRIPTION Widely used general-purpose gage. 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 CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
				inch	
				millimeter	
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.125	0.250	0.125	0.125	0.40	0.22
3.18	6.35	3.18	3.18	10.2	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)
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)

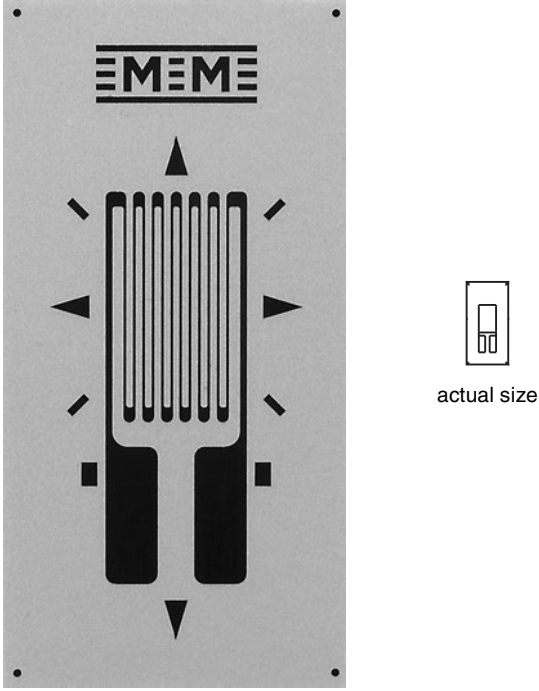
Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

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.

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-125BB-120 ED-DY-125BB-350 WA-XX-125BB-120 WK-XX-125BB-350 EP-08-125BB-120 SA-XX-125BB-120 SK-XX-125BB-350 SD-DY-125BB-350 WD-DY-125BB-350	120 ± 0.15% 350 ± 0.3% 120 ± 0.3% 350 ± 0.3% 120 ± 0.15% 120 ± 0.3% 350 ± 0.3% 350 ± 0.6% 350 ± 0.6%	E, P E	
DESCRIPTION Narrow general-purpose gage with extended tabs.					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
				<input type="checkbox"/> inch <input type="checkbox"/> millimeter	
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.125	0.245	0.088	0.088	0.43	0.22
3.18	6.22	2.24	2.24	10.9	5.6

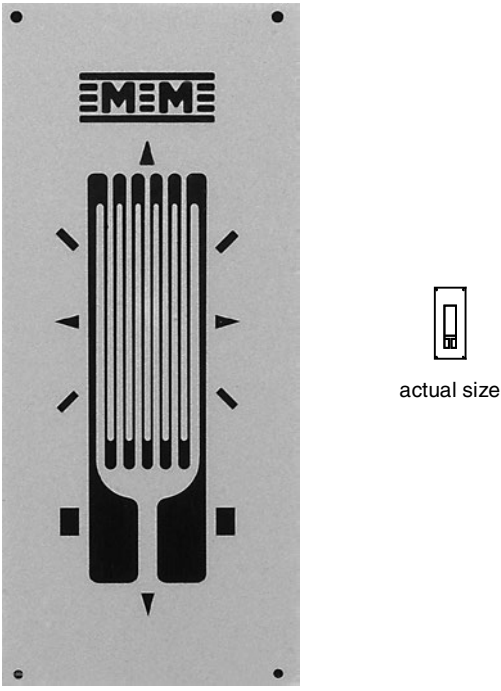
GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
EA	Constantan foil in combination with a tough, flexible, polyimide backing.	±5%	-100° to +350°F (-75° to +175°C)
ED	Isoelastic foil in combination with tough, flexible polyimide film.	±2%	-320° to +400°F (-195° to +205°C)
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:

Note 3: Products with designations and options shown in **bold** are not RoHS compliant.

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-125BT-120 ED-DY-125BT-350 WA-XX-125BT-120 WK-XX-125BT-350 EP-08-125BT-120 SA-XX-125BT-120 SK-XX-125BT-350 SD-DY-125BT-350 WD-DY-125BT-350	120 ± 0.15% 350 ± 0.3% 120 ± 0.3% 350 ± 0.3% 120 ± 0.15% 120 ± 0.3% 350 ± 0.3% 350 ± 0.6% 350 ± 0.6%	W, E, L, LE, P E, L*, LE* W* W*			
DESCRIPTION General-purpose gage with narrow grid and compact geometry. See also 125BZ pattern.							
GAGE DIMENSIONS		Legend 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							
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width		
0.125	0.215	0.062	0.062	0.37	0.16		
3.18	5.46	1.57	1.57	9.4	4.1		

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)
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)

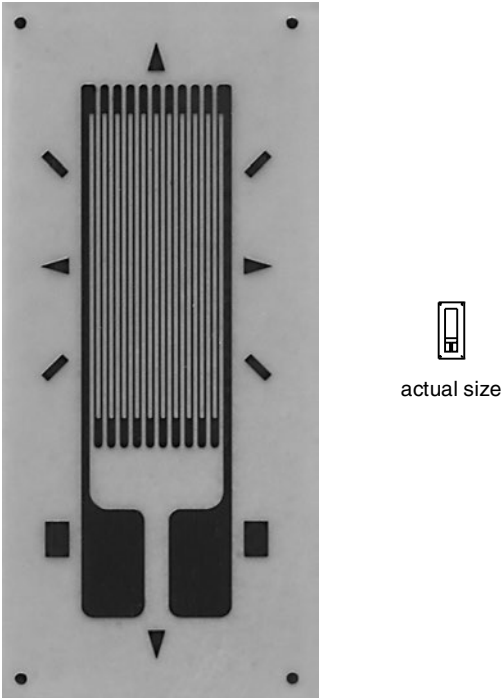
Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

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.

General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA					
 <p>actual size</p>			GAGE DESIGNATION See Note 1, 3	RESISTANCE (OHMS) See Note 2	OPTIONS AVAILABLE See Note 3
			EA-XX-125BZ-350 ED-DY-125BZ-10C EK-XX-125BZ-10C WA-XX-125BZ-350 WK-XX-125BZ-10C SA-XX-125BZ-350 SK-XX-125BZ-10C SD-DY-125BZ-10C WD-DY-125BZ-10C	350 ± 0.15% 1000 ± 0.4% 1000 ± 0.15% 350 ± 0.3% 1000 ± 0.3% 350 ± 0.3% 1000 ± 0.3% 1000 ± 0.8% 1000 ± 0.8%	W, E, L, LE, P E, L*, LE* W* W*
DESCRIPTION Narrow high-resistance gage with compact geometry. Similar to 125BT pattern except for grid resistance. EK-Series gages are supplied with duplex copper dots(DD) when optional feature W is not specified.					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
				inch	
				millimeter	
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.125	0.220	0.062	0.062	0.29	0.13
3.18	5.59	1.57	1.57	7.4	3.3

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)
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)
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)

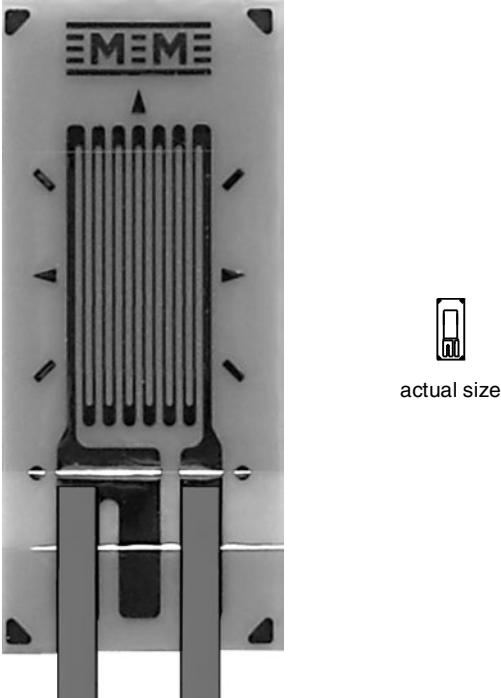



Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

Note 3: Products with designations and options shown in **bold** are not RoHS compliant.

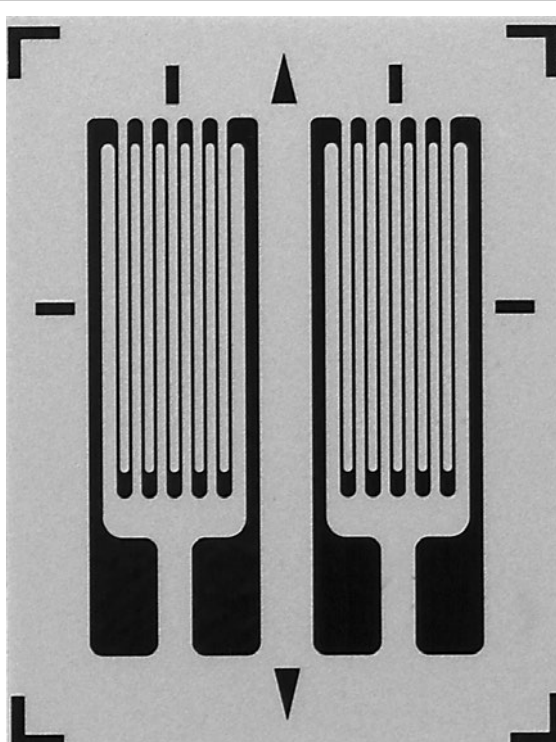
*Options available but not normally recommended. See Optional Features data sheet for details.

General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA					
		GAGE DESIGNATION See Note 1	RESISTANCE (OHMS)	OPTIONS AVAILABLE	
		L2A-XX-125LW-120 L2A-XX-125LW-350 C2A-XX-125LW-120 C2A-XX-125LW-350	120 ± 0.6% 350 ± 0.6% 120 ± 0.6% 350 ± 0.6%		
DESCRIPTION Widely used general-purpose gage.					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			<input type="checkbox"/> inch <input type="checkbox"/> millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.125	0.238	0.070	0.080	0.315	0.170
3.18	6.05	1.78	2.03	8.00	4.32
GAGE SERIES DATA — See Gage Series datasheet for complete specifications					
Series	Description	Strain Range	Temperature Range		
L2A	Encapsulated constantan gages with preattached ribbon leads.	±3%	-100° to +250°F (-75° to +120°C)		
C2A	Encapsulated constantan gages with preattached ready-to-use cables.	±3%	-60° to +180°F (-50° to +80°C)		
 <p>Example of an L2A Construction</p>		 <p>Example of a C2A Construction</p>			

Note 1: Insert desired S-T-C number in spaces marked XX.

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-125PC-120 EA-XX-125PC-350 ED-DY-125PC-350 ED-DY-125PC-10C EK-XX-125PC-10C WA-XX-125PC-120 WA-XX-125PC-350 WK-XX-125PC-350 WK-XX-125PC-10C SA-XX-125PC-120 SA-XX-125PC-350 SK-XX-125PC-350 SK-XX-125PC-10C	120 ± 0.2% 350 ± 0.2% 350 ± 0.4% 1000 ± 0.4% 1000 ± 0.2% 120 ± 0.4% 350 ± 0.4% 350 ± 0.4% 1000 ± 0.4% 120 ± 0.4% 350 ± 0.4% 350 ± 0.4% 1000 ± 0.4%	W, E, L, LE W, E, L, LE E E W, SE W* W* W* W*
DESCRIPTION Dual-pattern gage for use in back-to-back bending applications. Longitudinal grid centerlines spaced 0.085 in [2.16 mm] apart. See also 125MG pattern. EK-Series gages are supplied with duplex copper pads (DP) when optional W or SE is not specified.					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
				inch	
				millimeter	
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.125 ES	0.205 CP	0.065 ES	0.150 CP	0.29	0.23
3.18 ES	5.21 CP	1.65 ES	3.81 CP	7.4	5.8

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)
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)
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)

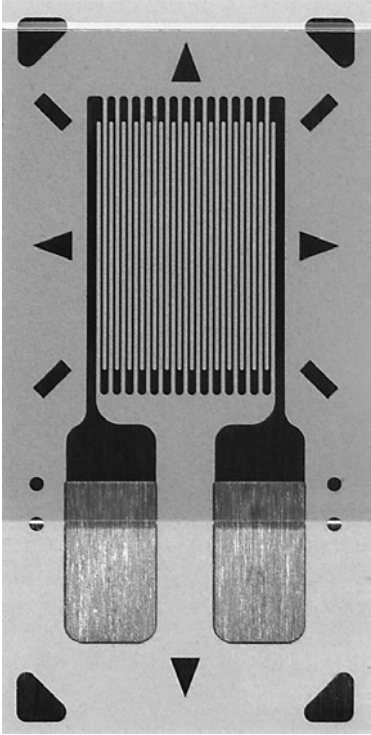
Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

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.

General Purpose Strain Gages—Linear Pattern

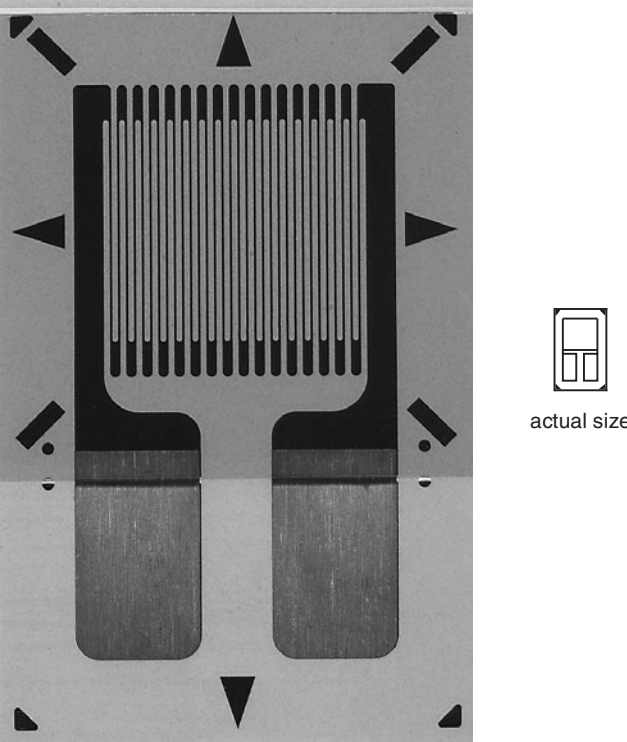
GAGE PATTERN DATA					
 <p style="text-align: center;">actual size</p>			GAGE DESIGNATION See Note 1	RESISTANCE (OHMS)	OPTIONS AVAILABLE See Note 2
			CEA-XX-125UN-120 CEA-XX-125UN-350	120 ± 0.3% 350 ± 0.3%	P2 P2
DESCRIPTION General-purpose gage with narrow geometry. Exposed solder tab area 0.06 x 0.05 in (1.5 x 1.1 mm). See also 125UW pattern.					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
		inch			
		millimeter			
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.125	0.275	0.100	0.120	0.38	0.19
3.18	6.99	2.54	3.05	9.7	4.8

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
CEA	Universal general-purpose strain gages.	±5%	-100° to +350°F (-75° to +175°C)

Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2: Products with designations and options shown in bold are not RoHS compliant.

General Purpose Strain Gages—Linear Pattern

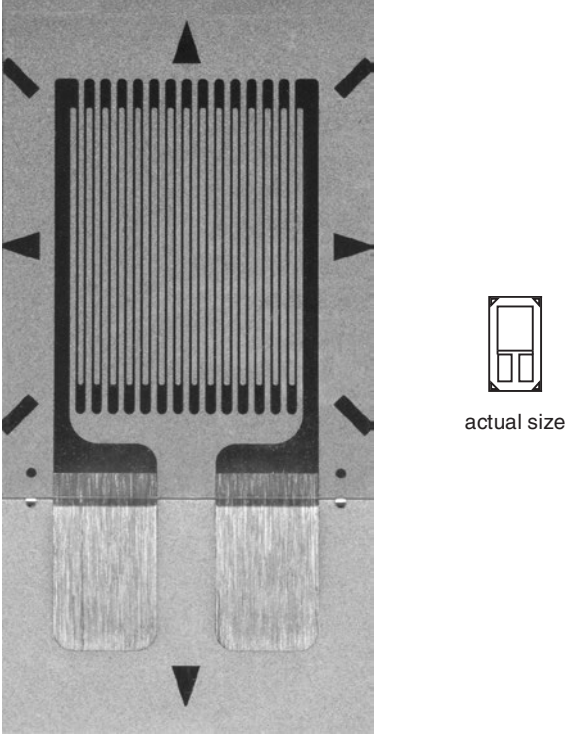
GAGE PATTERN DATA					
			GAGE DESIGNATION See Note 1	RESISTANCE (OHMS)	OPTIONS AVAILABLE See Note 2
			CEA-XX-125UW-120 CEA-XX-125UW-350	120 ± 0.3% 350 ± 0.3%	P2 P2
DESCRIPTION General-purpose gage. Exposed solder tab area 0.10 x 0.07 (2.5 x 1.8 mm). See also 125UN pattern.					
GAGE DIMENSIONS			Legend ES = Each Section CP = Complete Pattern <input type="checkbox"/> inch S = Section (S1 = Section 1) M = Matrix <input type="checkbox"/> millimeter		
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.125	0.325	0.180	0.180	0.42	0.27
3.18	8.26	4.57	4.57	10.7	6.9

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
CEA	Universal general-purpose strain gages.	±5%	-100° to +350°F (-75° to +175°C)

Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2: Products with designations and options shown in bold are not RoHS compliant.

General Purpose Strain Gages—Linear Pattern

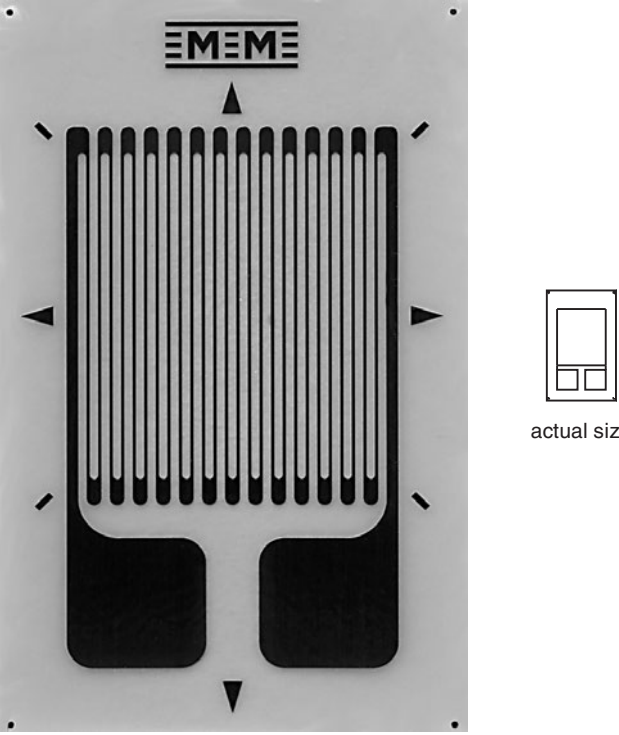
GAGE PATTERN DATA					
			GAGE DESIGNATION See Note 1	RESISTANCE (OHMS)	OPTIONS AVAILABLE See Note 2
			CEA-XX-187UW-120 CEA-XX-187UW-350	120 ± 0.3% 350 ± 0.3%	P2 P2
DESCRIPTION General-purpose gage. Exposed solder tab area 0.10 x 0.07 in (2.5 x 1.8 mm).					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
				<input type="checkbox"/> inch <input type="checkbox"/> millimeter	
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.187	0.387	0.180	0.180	0.49	0.27
4.75	9.83	4.57	4.57	12.4	6.9

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
CEA	Universal general-purpose strain gages.	±5%	-100° to +350°F (-75° to +175°C)

Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2: Products with designations and options shown in **bold** are not RoHS compliant.

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 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							
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		

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)
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)

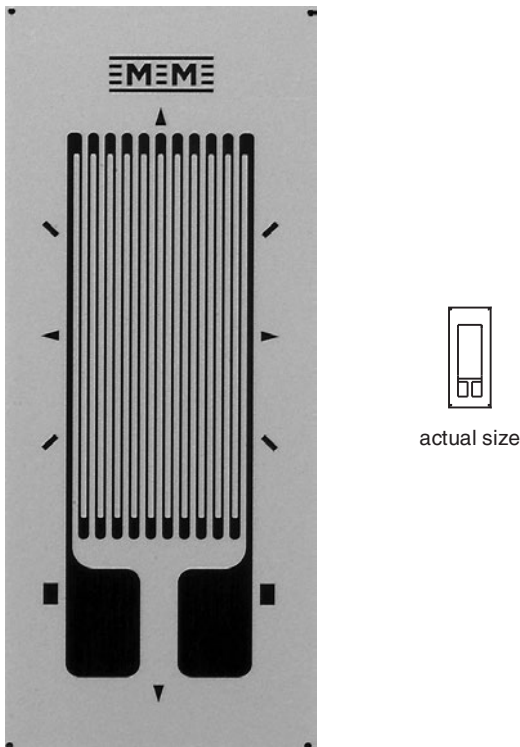
Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

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.

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-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*
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 CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
				inch	
				millimeter	
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)

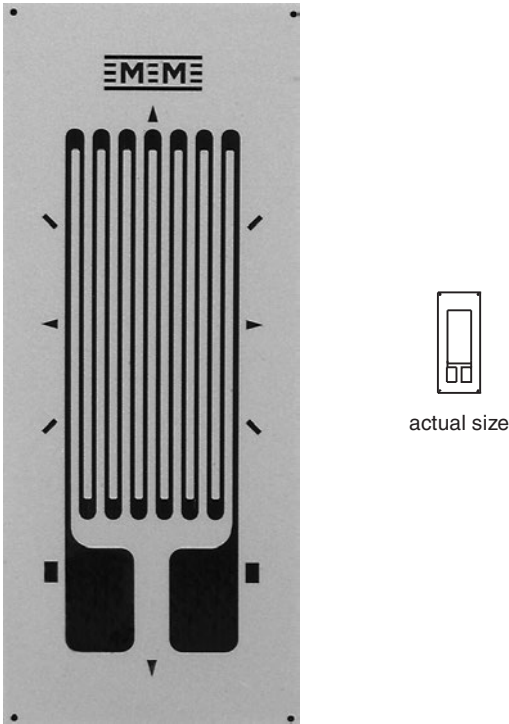
Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

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.

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-250BG-120 ED-DY-250BG-350 WA-XX-250BG-120 WK-XX-250BG-350 EP-XX-250BG-120 SA-XX-250BG-120 SK-XX-250BG-350 SD-DY-250BG-350 WD-DY-250BG-350	120 ± 0.15% 350 ± 0.3% 120 ± 0.3% 350 ± 0.3% 120 ± 0.15% 120 ± 0.3% 350 ± 0.3% 350 ± 0.6% 350 ± 0.6%	W, E, L, LE, P E, L*, LE* W* W*
DESCRIPTION Widely used general-purpose gage. Compact geometry. See also 250UN pattern.					
GAGE DIMENSIONS			Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix		
				<input type="checkbox"/> inch <input type="checkbox"/> millimeter	
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)
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)

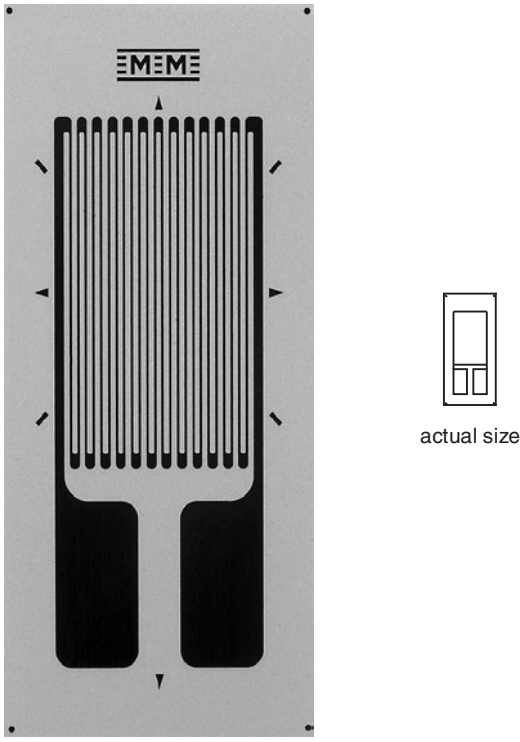
Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

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.

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-250BK-10C WA-XX-250BK-10C WK-XX-250BK-30C SA-XX-250BK-10C SK-XX-250BK-30C	1000 ± 0.15% 1000 ± 0.3% 3000 ± 0.3% 1000 ± 0.3% 3000 ± 0.3%	W, E, L, LE, P W* W*		
DESCRIPTION High-resistance gage with good power dissipation capability for high-output applications or use on plastics.							
GAGE DIMENSIONS		Legend			<table border="1"> <tr><td>inch</td></tr> <tr><td>millimeter</td></tr> </table>	inch	millimeter
inch							
millimeter							
		ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix					
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width		
0.250	0.430	0.175	0.175	0.58	0.27		
6.35	10.92	4.45	4.45	14.7	6.9		

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)
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)
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)

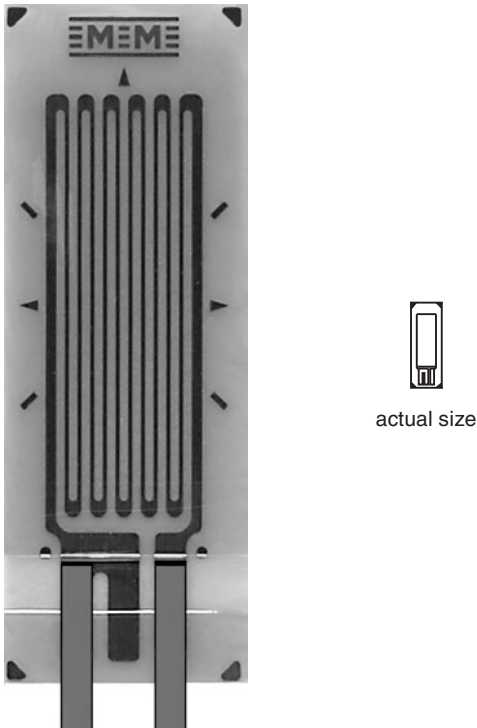

Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:



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.

General Purpose Strain Gages – Linear Pattern

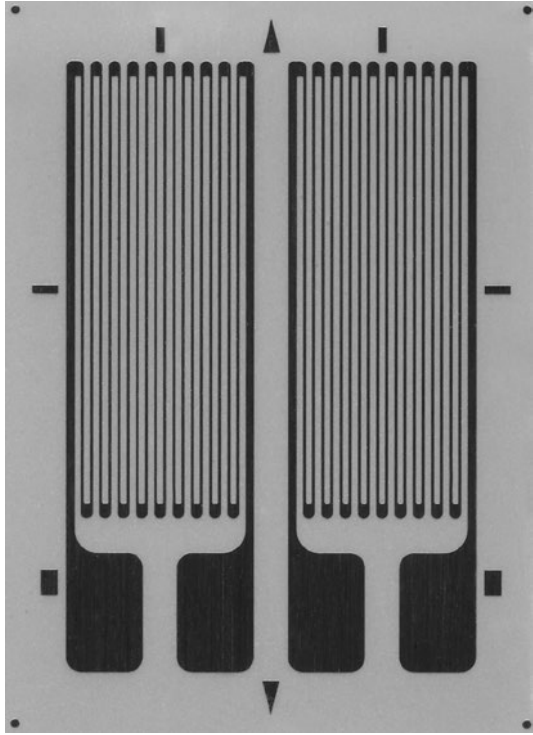
GAGE PATTERN DATA					
			GAGE DESIGNATION See Note 1	RESISTANCE (OHMS)	OPTIONS AVAILABLE
			L2A-XX-250LW-120 L2A-XX-250LW-350 C2A-XX-250LW-120 C2A-XX-250LW-350	120 ± 0.6% 350 ± 0.6% 120 ± 0.6% 350 ± 0.6%	
DESCRIPTION Widely used general-purpose gage.					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			<input type="checkbox"/> inch <input type="checkbox"/> millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.250	0.363	0.100	0.100	0.440	0.170
6.35	9.22	2.54	2.54	11.18	4.32

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
L2A	Encapsulated constantan gages with preattached ribbon leads.	±3%	-100° to +250°F (-75° to +120°C)
C2A	Encapsulated constantan gages with preattached ready-to-use cables.	±3%	-60° to +180°F (-50° to +80°C)

 Example of an L2A Construction	 Example of a C2A Construction
--	--

Note 1: Insert desired S-T-C number in spaces marked XX.

General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA					
 <p style="text-align: center;">actual size</p>			GAGE DESIGNATION See Note 1, 3	RESISTANCE (OHMS) See Note 2	OPTIONS AVAILABLE See Note 3
			EA-XX-250PD-120 EA-XX-250PD-350 ED-DY-250PD-350 EK-XX-250PD-10C S2K-XX-250PD-10C WA-XX-250PD-120 WA-XX-250PD-350 WK-XX-250PD-350 WK-XX-250PD-10C SA-XX-250PD-120 SA-XX-250PD-350 SK-XX-250PD-350 SK-XX-250PD-10C SD-DY-250PD-350 WD-DY-250PD-350	120 ± 0.2% 350 ± 0.2% 350 ± 0.4% 1000 ± 0.2% 1000 ± 0.4% 120 ± 0.3% 350 ± 0.3% 350 ± 0.4% 1000 ± 0.4% 120 ± 0.4% 350 ± 0.4% 350 ± 0.4% 1000 ± 0.4% 350 ± 0.8% 350 ± 0.8%	W, E, L, LE W, E, L, LE E W, SE W* W* W* W*
DESCRIPTION Dual-element pattern with longitudinal grid centerlines spaced 0.130 in [3.30 mm] apart. See also 250MQ pattern. 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 CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
				inch	millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.250	0.358	0.110	0.240	0.44	0.32
6.35	9.09	2.79	6.10	11.2	8.1

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)
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)

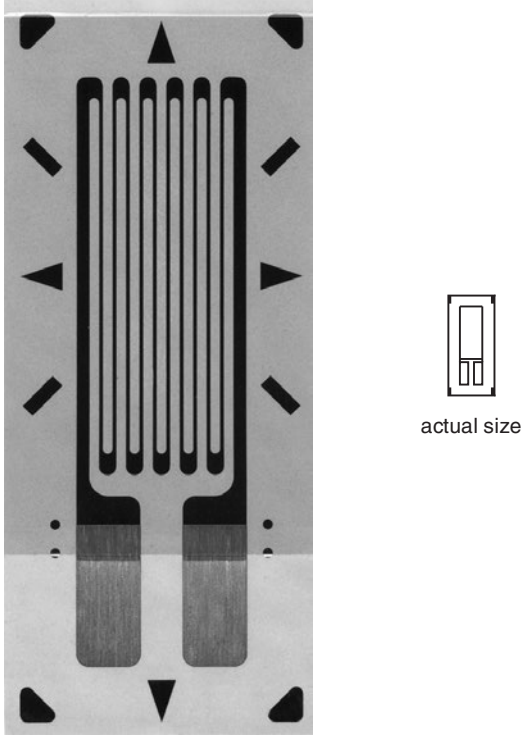
Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

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.

General Purpose Strain Gages—Linear Pattern

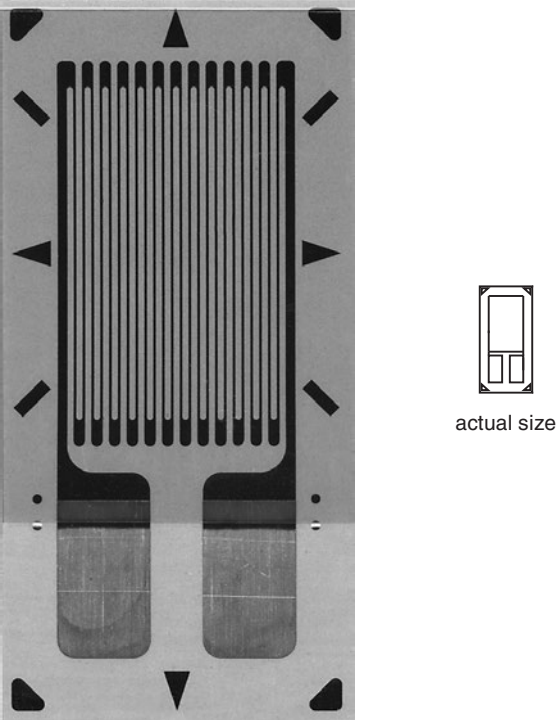
GAGE PATTERN DATA					
			GAGE DESIGNATION See Note 1	RESISTANCE (OHMS)	OPTIONS AVAILABLE See Note 2
			CEA-XX-250UN-120 CEA-XX-250UN-350	120 ± 0.3% 350 ± 0.3%	P2 P2
DESCRIPTION General-purpose gage with narrow geometry. Exposed solder tab area 0.08 x 0.05 in (2.0 x 1.1 mm). See also 250UW pattern.					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			<input type="checkbox"/> inch <input type="checkbox"/> millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.250	0.415	0.120	0.120	0.52	0.22
6.35	10.54	3.05	3.05	13.2	5.6

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
CEA	Universal general-purpose strain gages.	±5%	-100° to +350°F (-75° to +175°C)

Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2: Products with designations and options shown in **bold** are not RoHS compliant.

General Purpose Strain Gages—Linear Pattern

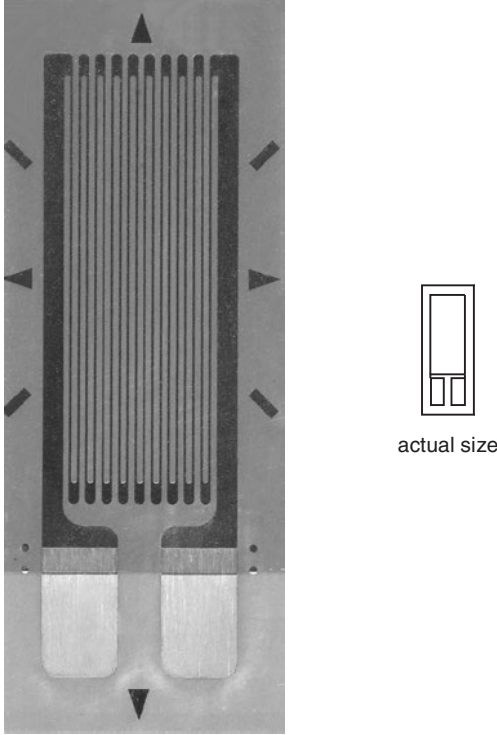
GAGE PATTERN DATA					
			GAGE DESIGNATION See Note 1	RESISTANCE (OHMS)	OPTIONS AVAILABLE See Note 2
			CEA-XX-250UW-120 CEA-XX-250UW-175 CEA-XX-250UW-350 CEA-XX-250UW-10C	120 ± 0.3% 175 ± 0.3% 350 ± 0.3% 1000 ± 0.3%	P2 P2 P2 P2
DESCRIPTION General-purpose gage. Exposed solder tab area 0.10 x 0.07 in (2.5 x 1.8 mm). See also 250UN pattern.					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
				<input type="checkbox"/> inch <input type="checkbox"/> millimeter	
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.250	0.450	0.180	0.180	0.55	0.27
6.35	11.43	4.57	4.57	14.0	6.9

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
CEA	Universal general-purpose strain gages.	±5%	-100° to +350°F (-75° to +175°C)

Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2: Products with designations and options shown in **bold** are not RoHS compliant.

General Purpose Strain Gages—Linear Pattern

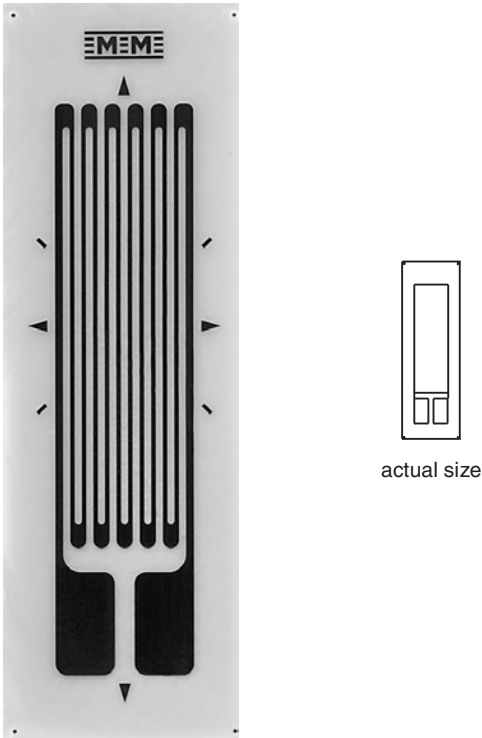
GAGE PATTERN DATA					
			GAGE DESIGNATION See Note 1	RESISTANCE (OHMS)	OPTIONS AVAILABLE See Note 2
			CEA-XX-375UW-120 CEA-XX-375UW-350	120 ± 0.3% 350 ± 0.3%	P2 P2
DESCRIPTION General-purpose gage. Exposed solder tab area 0.10 x 0.07 in (2.5 x 1.8 mm).					
GAGE DIMENSIONS			Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix		
			<input type="checkbox"/> inch <input type="checkbox"/> millimeter		
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.375	0.575	0.180	0.180	0.67	0.27
9.53	14.61	4.57	4.57	17.0	6.9

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
CEA	Universal general-purpose strain gages.	±5%	-100° to +350°F (-75° to +175°C)

Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2: Products with designations and options shown in **bold** are not RoHS compliant.

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-500BH-120 ED-DY-500BH-350 WA-XX-500BH-120 WK-XX-500BH-350 EP-08-500BH-120 SA-XX-500BH-120 SK-XX-500BH-350 SD-DY-500BH-350 WD-DY-500BH-350	120 ± 0.15% 350 ± 0.3% 120 ± 0.3% 350 ± 0.3% 120 ± 0.15% 120 ± 0.3% 350 ± 0.3% 350 ± 0.6% 350 ± 0.6%	W, E, L, LE, P E, L*, LE* W* W*	
DESCRIPTION Widely used general-purpose gage with compact geometry. See also 500BL and 500UW patterns.					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			
					inch millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.500	0.720	0.175	0.175	0.92	0.30
12.70	18.29	4.45	4.45	23.4	7.6

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)
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)

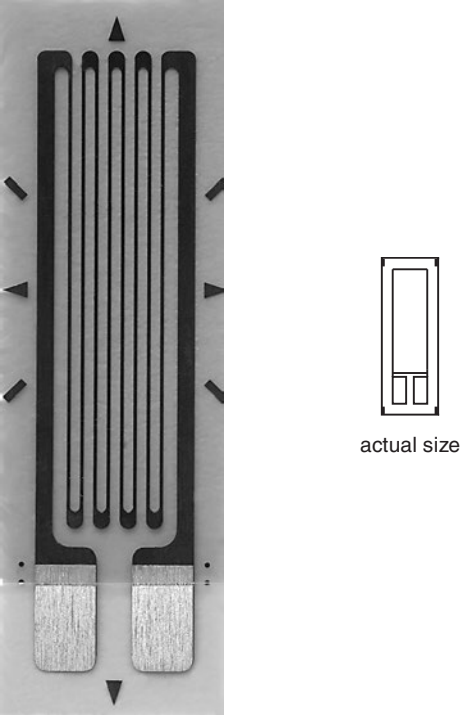
Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

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.

General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA					
			GAGE DESIGNATION See Note 1	RESISTANCE (OHMS)	OPTIONS AVAILABLE See Note 2
			CEA-XX-500UW-120 CEA-XX-500UW-350	120 ± 0.3% 350 ± 0.3%	P2 P2
DESCRIPTION General-purpose gage. Exposed solder tab area 0.10 x 0.07 in (2.5 x 1.8 mm).					
GAGE DIMENSIONS		Legend			<input type="checkbox"/> inch <input type="checkbox"/> millimeter
		ES = Each Section S = Section (S1 = Section 1)			CP = Complete Pattern M = Matrix
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.500	0.700	0.180	0.180	0.80	0.27
12.70	17.78	4.57	4.57	20.3	6.9

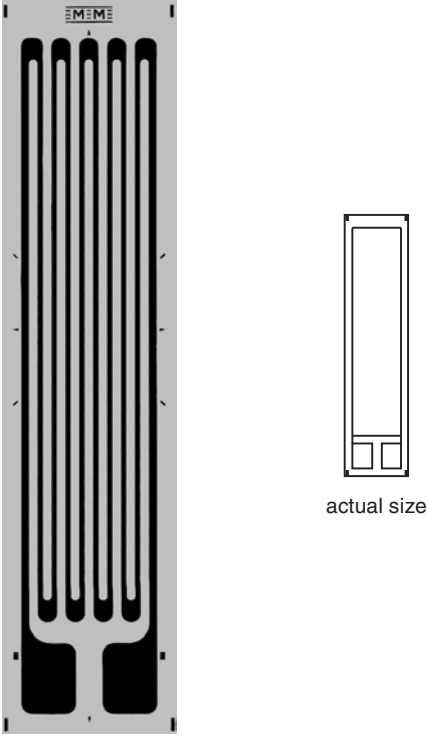
GAGE SERIES DATA — See Gage Series datasheet for complete specifications

Series	Description	Strain Range	Temperature Range
CEA	Universal general-purpose strain gages.	±5%	-100° to +350°F (-75° to +175°C)

Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

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			
		N2A-XX-10CBE-120 N2A-XX-10CBE-350 EA-XX-10CBE-120 WA-XX-10CBE-120 WK-XX-10CBE-350 EP-XX-10CBE-120 SA-XX-10CBE-120 SK-XX-10CBE-350	120 ± 0.15% 350 ± 0.15% 120 ± 0.15% 120 ± 0.3% 350 ± 0.3% 120 ± 0.15% 120 ± 0.3% 350 ± 0.3%	W, E, L, LE, P W, E, L, LE, P W, E, L, LE, P W* W*			
DESCRIPTION Large general-purpose gage.							
GAGE DIMENSIONS		Legend 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							
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width		
1.000	1.250	0.250	0.250	1.36	0.33		
25.40	31.75	6.35	6.35	34.5	8.4		

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
N2A	Constantan foil gages with a thin, laminated, polyimide-film backing.	±3%	-100° to +200°F (-75° to +95°C)
EA	Constantan foil in combination with a tough, flexible, polyimide backing.	±5%	-100° to +350°F (-75° to +175°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)

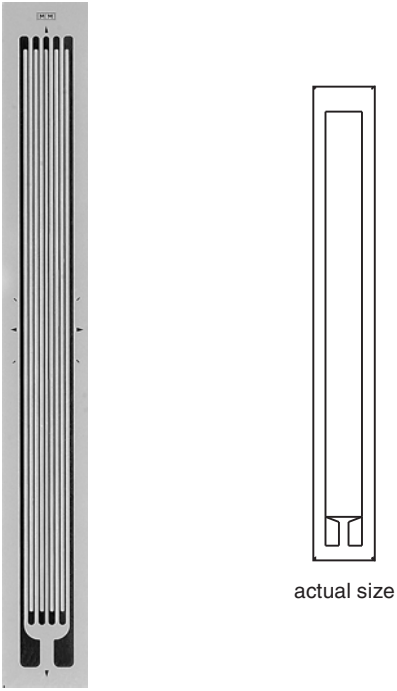
Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2:

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.

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
			N2A-XX-20CBW-120 N2A-XX-20CBW-350 EA-XX-20CBW-120 WA-XX-20CBW-120 WK-XX-20CBW-350 EP-XX-20CBW-120 SA-XX-20CBW-120 SK-XX-20CBW-350	120 ± 0.2% 350 ± 0.2% 120 ± 0.2% 350 ± 0.4% 120 ± 0.4% 350 ± 0.2% 120 ± 0.4% 350 ± 0.4%	W, E, L, LE, P W, E, L, LE, P W, E, L, LE, P W* W*
DESCRIPTION For use on concrete and for strain integration on large specimens.					
GAGE DIMENSIONS		Legend			<input type="checkbox"/> inch <input type="checkbox"/> millimeter
		ES = Each Section S = Section (S1 = Section 1)			CP = Complete Pattern M = Matrix
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
2.000	2.250	0.188	0.188	2.46	0.32
50.80	57.15	4.78	4.78	62.5	8.1

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
N2A	Constantan foil gages with a thin, laminated, polyimide-film backing.	±3%	-100° to +200°F (-75° to +95°C)
EA	Constantan foil in combination with a tough, flexible, polyimide backing.	±5%	-100° to +350°F (-75° to +175°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)

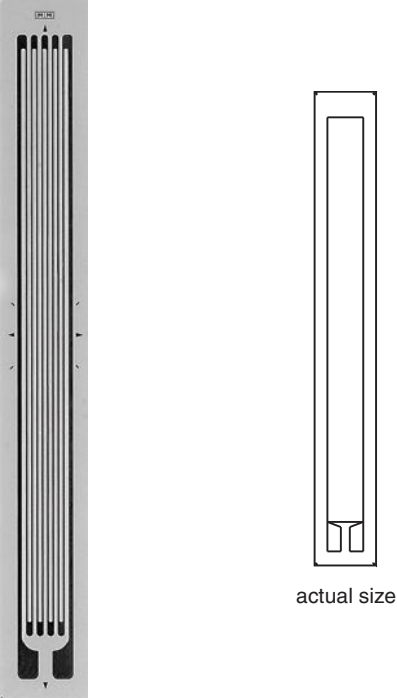

Note 1: Insert desired S-T-C number in spaces marked XX.


Note 2:

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.













General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA					
			GAGE DESIGNATION See Note 1	RESISTANCE (OHMS)	OPTIONS AVAILABLE
			C2A-XX-20CLW-120 C2A-XX-20CLW-350	120 ± 0.6% 350 ± 0.6%	
DESCRIPTION For use on concrete and for strain integration on large specimens.					
GAGE DIMENSIONS		Legend ES = Each Section CP = Complete Pattern S = Section (S1 = Section 1) M = Matrix			<input type="checkbox"/> inch <input type="checkbox"/> millimeter
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
2.000	2.155	0.175	0.175	2.232	0.235
50.80	54.740	4.450	4.450	56.692	5.969

GAGE SERIES DATA — See Gage Series datasheet for complete specifications			
Series	Description	Strain Range	Temperature Range
C2A	Encapsulated constantan gages with preattached ready-to-use cables.	±3%	-60° to +180°F (-50° to +80°C)
 Example of a C2A Construction			

Note 1: Insert desired S-T-C number in spaces marked XX.

General Purpose Strain Gages





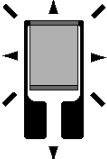

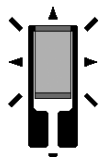

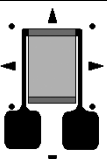

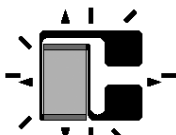

GAGE PATTERN	GAGE SERIES See Note 1	GAGE RESISTANCE (OHMS)	GAGE LENGTH	
			inches	millimeters
008CL   actual size	SA	120	0.008	0.2
	Micro-grid gage for strain measurement in high-gradient areas. Matrix size: 0.20L x 0.13W in. (5.1L x 3.3W mm)			
015CK   actual size	EA, WA, EP, SA	120	0.015	0.38
	Micro-miniature pattern with enlarged solder tabs. See also 015UW pattern. Matrix size: 0.19L x 0.15W in. (4.8L x 3.8W mm)			
015EH   actual size	EA, EP, SA, SK	120	0.015	0.38
	Micro-miniature pattern with tab at each side of grid. Matrix size: 0.15L x 0.19W in. (3.8L x 4.8W mm)			
015LA   actual size	EA, EP	120	0.015	0.38
	Primarily used in small radii where gage tabs must be at one end. Matrix size: 0.18L x 0.10W in. (4.6L x 2.5W mm)			
015SE   actual size	EA, EP, SA	120	0.015	0.38
	Micro-miniature pattern with tabs on one side for use near abutments. Matrix size: 0.16L x 0.14W in. (4.1L x 3.6W mm)			
030LB   actual size	EA, EP, SA	120	0.03	0.76
	Miniature gage pattern for small radii where gage tabs must be at one end. Matrix size: 0.24L x 0.15W in. (6.1L x 3.8W mm)			

Note 1: Products with designations and options shown in **bold** are not RoHS compliant.

See www.micro-measurements.com/stress-analysis-strain-gages/other-linear-patterns/

For all linear patterns offered, see www.micro-measurements.com/stress-analysis-strain-gages/all-linear-patterns/

General Purpose Strain Gages

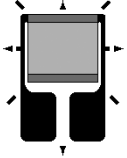

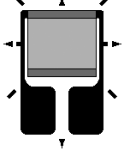

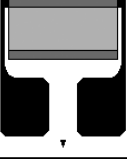

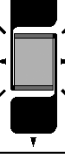



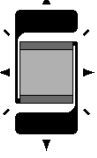

GAGE PATTERN	GAGE SERIES See Note 1	GAGE RESISTANCE (OHMS)	GAGE LENGTH	
			inches	millimeters
031MF   actual size	EA, SA	120	0.031	0.79
Miniature ten-element strip gage with electrically independent grids. All grids parallel to long axis of pattern. Grid centerline spacing 0.080 in (2.03 mm). Matrix size: 0.94L x 0.19W in. (23.9L x 4.8W mm)				
032SG   actual size	EA, WA , WK, EP, SA , SK	120	0.032	0.81
Miniature gage with side-tab geometry. Matrix size: 0.16L x 0.19W in. (4.1L x 4.8W mm)				
045AL   actual size	EA, SA	350	0.045	1.14
Miniature high-resistance gage. Matrix size: 0.22L x 0.14W in. (5.6L x 3.6W mm)				
050AH   actual size	EA, ED, EP, SA , SK , SD	120, 350	0.05	1.27
General-purpose miniature gage. Matrix size: 0.23L x 0.14W in. (5.8L x 3.6W mm)				
050AR   actual size	EA, ED, WA , WK, SA , SK , SD , WD	120, 350	0.05	1.27
General-purpose miniature gage with large solder tabs. Matrix size: 0.25L x 0.18W in. (6.4L x 4.6W mm)				
050SB   actual size	EA, ED, WA , WK, EP, SA , SK , SD , WD	120, 350	0.05	1.27
Similar to the 050AH pattern but with solder tabs at side of grid. Matrix size: 0.19L x 0.19W in. (4.8L x 4.8W mm)				

Note 1: Products with designations and options shown in **bold** are not RoHS compliant.

See www.micro-measurements.com/stress-analysis-strain-gages/other-linear-patterns/

For all linear patterns offered, see www.micro-measurements.com/stress-analysis-strain-gages/all-linear-patterns/

General Purpose Strain Gages

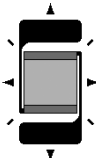





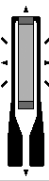

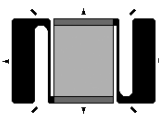

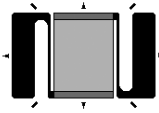

GAGE PATTERN	GAGE SERIES See Note 1	GAGE RESISTANCE (OHMS)	GAGE LENGTH	
			inches	millimeters
060CD   <p>actual size</p>	EA, ED, WA , WK, SA , SK , SD , WD	350, 1000	0.06	1.52
	Small high-resistance gage. See also 060CN pattern. Matrix size: 0.28L x 0.20W in. (7.1L x 5.1W mm)			
060CN   <p>actual size</p>	EA, ED, WA , WK, EP, SA , SD , WD	120, 350	0.06	1.52
	Similar to 060CD pattern except for grid resistance. Matrix size: 0.26L x 0.18W in. (6.6L x 4.6W mm)			
060CP   <p>actual size</p>	EA, ED, WA , WK, EP, SA , SK , SD , WD	120, 350	0.06	1.52
	Small high-resistance gage with high power-handling capability. Matrix size: 0.31L x 0.26W in. (7.9L x 6.6W mm)			
062DF   <p>actual size</p>	EA, ED, WA , WK, EP, SA , SK , SD , WD	120, 350	0.062	1.57
	General-purpose gage with solder tab at each end of grid. See also 062DN pattern. Matrix size: 0.32L x 0.16W in. (8.1L x 4.1W mm)			
070LC   <p>actual size</p>	EA	120, 350	0.07	1.78
	Very narrow gage for use in restricted areas. Matrix size: 0.24L x 0.09W in. (6.1L x 2.3W mm)			
090DG   <p>actual size</p>	EA, ED, EP, SA , SK , SD	120, 350	0.09	2.29
	Intermediate-size grid with tab at each end. See also 090DH and 090EF patterns. Matrix size: 0.44L x 0.263W in. (11.2L x 6.6W mm)			

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General Purpose Strain Gages

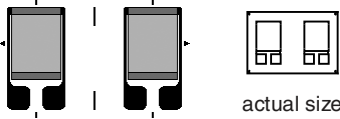
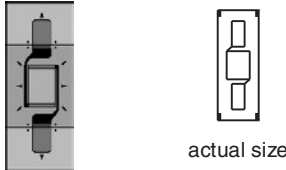
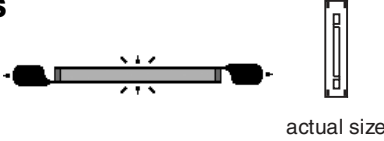
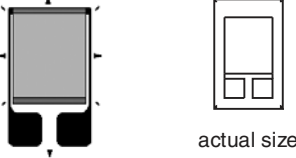
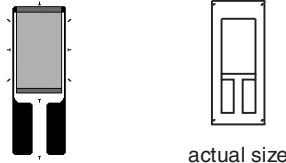
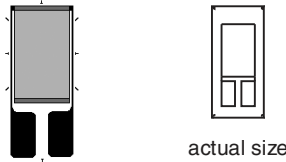
GAGE PATTERN	GAGE SERIES See Note 1	GAGE RESISTANCE (OHMS)	GAGE LENGTH	
			inches	millimeters
090DH   actual size	EA, ED, EP, SA, SK, SD	350, 1000	0.09	2.29
	High-resistance version of the 090DG pattern. Matrix size: 0.45L x 0.27W in. (11.4L x 6.9W mm)			
090EF   actual size	EA, ED, EP, SA, SK, SD	120, 350	0.09	2.29
	Similar to 090DG pattern but with solder tab at each side of grid. See also 090EG pattern. Matrix size: 0.29L x 0.36W in. (7.4L x 9.1W mm)			
090EG   actual size	EA, ED, EP, SA, SK, SD	350, 1000	0.09	2.29
	High-resistance version of the 090EF pattern. Matrix size: 0.29L x 0.36W in. (7.4L x 9.1W mm)			
125BS   actual size	ED, WK, SK, SD , WD	120	0.125	3.18
	Narrow pattern primarily used in the WK and SK Series for 120-ohm resistance. Matrix size: 0.38L x 0.14W in. (9.7L x 3.6W mm)			
125EP   actual size	EA, ED, EP, SA, SK, SD	350, 1000	0.125	3.18
	High-resistance gage with tab at each side of grid. See also 125EQ pattern. Matrix size: 0.28L x 0.35W in. (7.1L x 8.9W mm)			
125EQ   actual size	EA, ED, EP, SA, SK, SD	120, 350	0.125	3.18
	Similar to 125EP pattern except for grid resistance. Matrix size: 0.28L x 0.35W in. (7.1L x 8.9W mm)			

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General Purpose Strain Gages

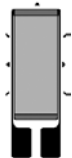
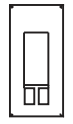
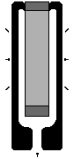
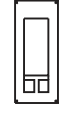
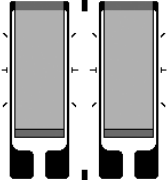
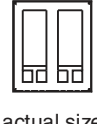
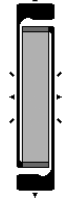
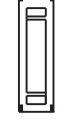
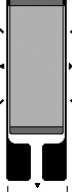
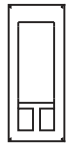
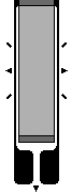
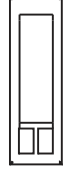
GAGE PATTERN	GAGE SERIES See Note 1	GAGE RESISTANCE (OHMS)	GAGE LENGTH	
			inches	millimeters
125MG  actual size	EA, WA , WK, SA , SK	120, 350	0.125	3.18
Dual-pattern gage for use in back-to-back bending applications. Longitudinal grid centerlines spaced 0.250 in (6.35 mm) apart. Matrix size: 0.32L x 0.47W in. (8.1L x 11.9W mm)				
125UE  actual size	CEA	120, 350	0.125	3.18
General-purpose gage with large tab at each end of grid. Exposed solder tab area 0.08 x 0.07 in (2.0 x 1.8 mm). Matrix size: 0.57L x 0.20W in. (14.5L x 5.1W mm)				
230DS  actual size	EA, ED, WA , WK, EP, SA , SK , SD , WD	120, 350	0.23	5.84
General-purpose gage with very narrow geometry. Matrix size: 0.50L x 0.12W in. (12.7L x 3.0W mm)				
250AF  actual size	EA, ED, WA , WK, EP, SA , SK , SD , WD	120, 350	0.25	6.35
General-purpose gage with high-dissipation grid. Matrix size: 0.57L x 0.36W in. (14.5L x 9.1W mm)				
250BB  actual size	EA, ED, EP	120, 350	0.25	6.35
General-purpose gage with large solder tabs. Matrix size: 0.64L x 0.21W in. (16.3L x 6.9W mm)				
250BK  actual size	EA, WA , WK, SA , SK	1000, 3000	0.25	6.35
High-resistance gage with good power dissipation capability for high output applications or use on plastics. Matrix size: 0.58L x 0.27W in. (14.7L x 6.9W mm)				

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General Purpose Strain Gages


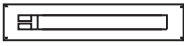

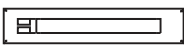


GAGE PATTERN	GAGE SERIES See Note 1	GAGE RESISTANCE (OHMS)	GAGE LENGTH	
			inches	millimeters
250BM   actual size	EA, ED, WA , WK, EP, SA, SK, SD , WD	500, 1500	0.25	6.35
	General-purpose gage with high-resistance grid. Matrix size: 0.58L x 0.27W in. (14.7L x 6.9W mm)			
250BP   actual size	SK, WK, ED, SD, WD	120	0.25	6.35
	A general-purpose gage used primarily to obtain 120-ohm grid resistance in SK and WK Series. Matrix size: 0.53L x 0.22W in. (13.5L x 5.6W mm)			
250MQ   actual size	EA, ED, EK, WA , WK, SA, SK, SD , WD	350, 1000	0.25	6.35
	Dual pattern for back-to-back bending applications. Longitudinal grid centerlines are spaced 0.185 in (4.70 mm) apart. EK-Series gages are supplied with duplex copper pads (DP) when optional feature W or SE is not specified. Matrix size: 0.47L x 0.40W in. (11.9L x 10.2W mm)			
350DD   actual size	EA, ED, WA , WK, EP, SA, SK, SD , WD	350, 1000	0.35	8.89
	General-purpose gage with narrow pattern geometry and tab at each end of grid. Matrix size: 0.61L x 0.18W in. (15.5L x 4.6W mm)			
375BG   actual size	EA, ED, WA , WK, EP, SA, SK, SD , WD	120, 350	0.375	9.53
	General-purpose gage. Matrix size: 0.71L x 0.29W in. (18.0L x 7.4W mm)			
500BL   actual size	EA, ED, WA , WK, EP, SA, SK, SD , WD	350, 1000	0.5	12.7
	Widely used general-purpose gage with compact geometry. Matrix size: 0.87L x 0.27W in. (22.1L x 6.9W mm)			

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General Purpose Strain Gages

GAGE PATTERN	GAGE SERIES See Note 1	GAGE RESISTANCE (OHMS)	GAGE LENGTH	
			inches	millimeters
500GB   actual size	EA, ED, WA , WK, EP, SA, SK, SD , WD	120, 350	0.5	12.7
500GC   actual size	EA, ED, WA , WK, EP, SA, SK, SD , WD	350, 1000	0.5	12.7
40CBY   30% of actual size	N2A, EA, WA , WK, EP, SA, SK	120, 350	4	101.6

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