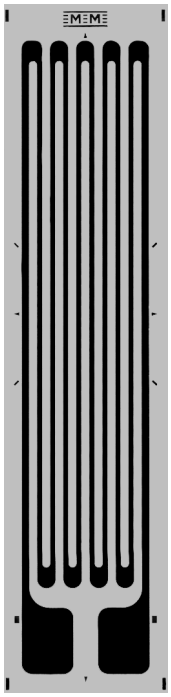
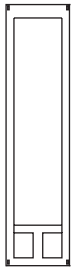
General Purpose Strain Gages - Linear Pattern

GAGE PATTERN DATA





actual size

GAGE DESIGNATION See Note 1, 3	RESISTANCE (OHMS) See Note 2	OPTIONS AVAILABLE See Note 3
N2A-XX-10CBE-120	120 ± 0.15%	W, E, L, LE, **P**
N2A-XX-10CBE-350	350 ± 0.15%	W, E, L, LE, **P**
EA-XX-10CBE-120	120 ± 0.15%	W, E, L, LE, **P**
WA-XX-10CBE-120	120 ± 0.3%	W*
WK-XX-10CBE-350	350 ± 0.3%	**W***
EP-XX-10CBE-120	120 ± 0.15%	
SA-XX-10CBE-120	120 ± 0.3%	
SK-XX-10CBE-350	350 ± 0.3%	

DESCRIPTION

Large general-purpose gage.

GAGE DIMENSIONS

Legend: ES = Each Section; S = Section (S1 = Sec 1); CP = Complete Pattern; M = Matrix

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 data sheet 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°C]
WK	Fully encapsulated K-alloy gages with high-endurance leadwires.	±1.5%	–452° to +550°F [–269° to +230°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: Tolerance is increased when Option W, E, SE, LE, or P is specified.

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

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