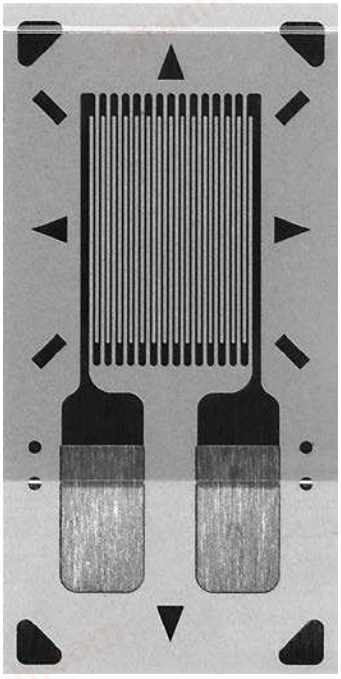
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MICRO MEASUREMENTS
A VPG Brand

125UN/125UNA

General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA



actual size

GAGE DESIGNATION See Notes 1 and 4	RESISTANCE (OHMS) See Note 3	OPTIONS AVAILABLE
CEA-XX-125UN-120	120 ± 0.3%	P2, SP35
CEA-XX-125UN-350	350 ± 0.3%	P2, SP35
W2A-XX-125UN-120	120 ± 0.6%	
W2A-XX-125UN-350	350 ± 0.6%	
CEA-XX-125UNA-350	350 ± 0.2%	P2, SP35

DESCRIPTION

General-purpose gage with narrow geometry. Exposed solder tab area 0.06 x 0.05 in (1.5 x 1.1 mm).

Pb-free Available

RoHS* COMPLIANT

GAGE DIMENSIONS

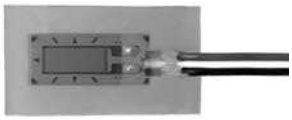
Legend
ES = Each Section
S = Section (S1 = Section 1)
CP = Complete Pattern
M = Matrix

inch
millimeter

Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width
0.125	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)
W2A IPX8S Rated	For water-exposure applications. Based on the CEA Series with Option P2 pre-attached cables, W2A strain gages are fully enclosed with a silicone rubber coating and tested to 10 GΩ insulation resistance, 1 meter water depth, 30 minutes duration. Other requirements can be addressed on demand.	±3%	–60° to +180°F (–50° to +80°C)



Example of the W2A construction:

IPX8S Rated



Note 1: Insert desired S-T-C number in spaces marked XX.
Note 2: W2A leadwires are attached with lead-free solder and are RoHS compliant.
Note 3: Products with designations and options shown in bold are not RoHS compliant.
Note 4: Pattern names ending with "A" are built with Advanced Sensors Technology.

* CEA gages with Option P2 are not RoHS compliant.

Technical Data References: SEARCH our website using the document number.
11506 – Gage Series; **11507** – Optional Features

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