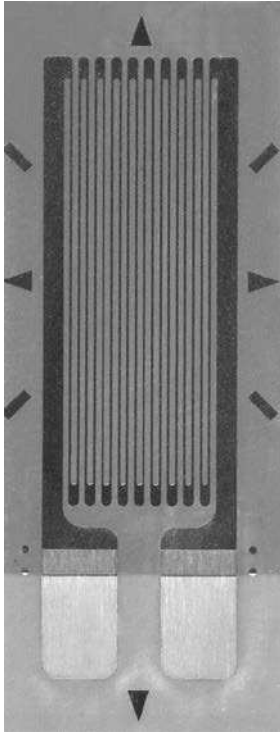
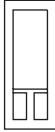

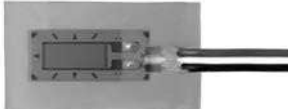



## General Purpose Strain Gages – Linear Pattern

| GAGE PATTERN DATA  |                       |  |  |   |                     |
|--|-----------------------|--|--|---|---------------------|
| <br><br>actual size |                       | <b>GAGE DESIGNATION</b><br>See Notes 1, 2                                    | <b>RESISTANCE (OHMS)</b><br>See Note 3             | <b>OPTIONS AVAILABLE</b>  |                     |
|  |                       | CEA-XX-375UW-120<br>CEA-XX-375UW-350<br>W2A-XX-375UW-120<br>W2A-XX-375UW-350 | 120 ±0.3%<br>350 ±0.3%<br>120 ± 0.6%<br>350 ± 0.6% | P2, SP35<br>P2, SP35  |                     |
| <b>DESCRIPTION</b><br>General-purpose gage. Exposed solder tab area 0.10 x 0.07 in (2.5 x 1.8 mm).   |                       |  |  | <br><b>RoHS*</b><br>COMPLIANT |                     |
| <b>GAGE DIMENSIONS</b>   |                       | <b>Legend</b><br>ES = Each Section<br>S = Section (S1 = Section 1)           |  |   | inch<br>millimeter  |
| <b>Gage Length</b>   | <b>Overall Length</b> | <b>Grid Width</b>  | <b>Overall Width</b>                               | <b>Matrix Length</b>  | <b>Matrix Width</b> |
| 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) |
| W2A<br>IPX8S<br>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:<br><b>IPX8S Rated</b> |   |  |                                  |

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.

\* 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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