General Purpose Strain Gages—Linear Pattern

GAGE PATTERN DATA

<table>
<thead>
<tr>
<th>GAGE DESIGNATION</th>
<th>RESISTANCE (OHMS)</th>
<th>OPTIONS AVAILABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEA-XX-125UNA-120</td>
<td>120 ± 0.3%</td>
<td>P2, SP35</td>
</tr>
<tr>
<td>CEA-XX-125UNA-350</td>
<td>350 ± 0.2%</td>
<td>P2, SP35</td>
</tr>
<tr>
<td>W2A-XX-125UN-120</td>
<td>120 ± 0.6%</td>
<td></td>
</tr>
<tr>
<td>W2A-XX-125UN-350</td>
<td>350 ± 0.6%</td>
<td></td>
</tr>
</tbody>
</table>

DESCRIPTION

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

GAGE DIMENSIONS

Legend

<table>
<thead>
<tr>
<th>Gage Length</th>
<th>Overall Length</th>
<th>Grid Width</th>
<th>Overall Width</th>
<th>Matrix Length</th>
<th>Matrix Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.125</td>
<td>0.275</td>
<td>0.100</td>
<td>0.120</td>
<td>0.38</td>
<td>0.19</td>
</tr>
<tr>
<td>3.18</td>
<td>6.99</td>
<td>2.54</td>
<td>3.05</td>
<td>9.7</td>
<td>4.8</td>
</tr>
</tbody>
</table>

GAGE SERIES DATA — See Gage Series datasheet for complete specifications

Series: CEA Universal general-purpose strain gages.

Series: W2A IPX8S Rated

Description: 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.

Example of the W2A construction:

IPX8S Rated

Notes:

1. Insert desired S-T-C number in spaces marked XX.
2. W2A leadwires are attached with lead-free solder and are RoHS compliant.
3. Pattern names ending with “A” are built with Advanced Sensors Technology.

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