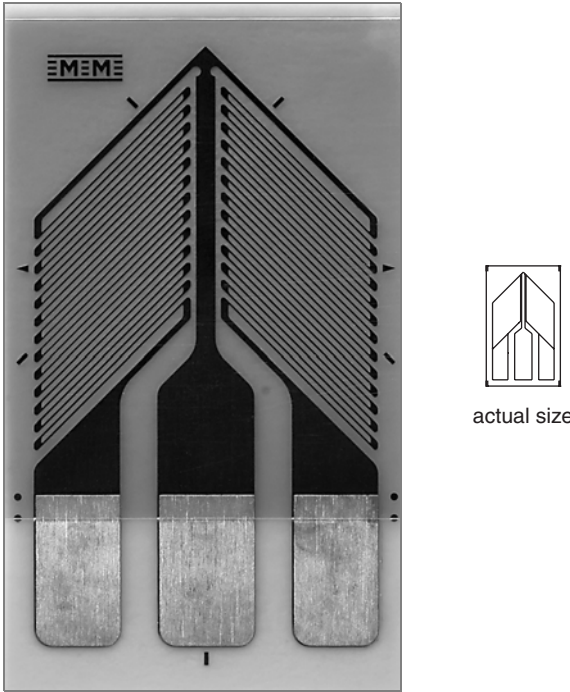


## General Purpose Strain Gages - Shear/Torque Pattern

GAGE PATTERN DATA																							
			<b>GAGE DESIGNATION</b> See Note 1	<b>RESISTANCE (OHMS)</b>	<b>OPTIONS AVAILABLE</b> See Note 2																		
			CEA-XX-187UV-120 CEA-XX-187UV-350	120 ± 0.4% 350 ± 0.4%	<b>P2</b> <b>P2</b>																		
<b>DESCRIPTION</b> Two-element 90° rosette for torque and shear-strain measurement. Sections have a common electrical connection. Exposed solder tab area is 0.13 x 0.08 [3.3 x 2.0 mm].																							
<b>GAGE DIMENSIONS</b>		Legend: ES = Each Section S = Section (S1 = Sec 1)	CP = Complete Pattern M = Matrix	<table border="1"> <tr> <td>inch</td> </tr> <tr> <td>millimeter</td> </tr> </table>		inch	millimeter																
inch																							
millimeter																							
<table border="1"> <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>0.187 ES</td> <td>0.560 CP</td> <td>0.150 ES</td> <td>0.320 CP</td> <td>0.63</td> <td>0.39</td> </tr> <tr> <td>4.75 ES</td> <td>14.22 CP</td> <td>3.81 ES</td> <td>8.13 CP</td> <td>15.9</td> <td>9.8</td> </tr> </tbody> </table>	Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width	0.187 ES	0.560 CP	0.150 ES	0.320 CP	0.63	0.39	4.75 ES	14.22 CP	3.81 ES	8.13 CP	15.9	9.8					
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width																		
0.187 ES	0.560 CP	0.150 ES	0.320 CP	0.63	0.39																		
4.75 ES	14.22 CP	3.81 ES	8.13 CP	15.9	9.8																		
GAGE SERIES DATA																							
See Gage Series data sheet 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.

## Disclaimer

All product specifications and data are subject to change without notice.

Vishay Precision Group, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Vishay Precision Group"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product.

Vishay Precision Group disclaims any and all liability arising out of the use or application of any product described herein or of any information provided herein to the maximum extent permitted by law. The product specifications do not expand or otherwise modify Vishay Precision Group's terms and conditions of purchase, including but not limited to the warranty expressed therein, which apply to these products.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of Vishay Precision Group.

The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications unless otherwise expressly indicated. Customers using or selling Vishay Precision Group products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify Vishay Precision Group for any damages arising or resulting from such use or sale. Please contact authorized Vishay Precision Group personnel to obtain written terms and conditions regarding products designed for such applications.

Product names and markings noted herein may be trademarks of their respective owners.