

General Purpose Strain Gages - Shear/Torque Pattern

GAGE PATTERN DATA							
			GAGE DESIGNATION	RESISTANCE (OHMS)	OPTIONS AVAILABLE		
			See Note 1		See Note 2		
			CEA-XX-250US-120 CEA-XX-250US-350	120 ± 0.4% 350 ± 0.4%			
DESCRIPTION							
Four-element full-bridge pattern for shear-strain measurement. Grids are spaced 90° apart, and 45° from pattern centerlines. Exposed solder tab area is 0.16 x 0.10 in (4.1 x 2.5 mm).							
GAGE DIMENSIONS		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							
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width		
0.250 ES	0.820 CP	0.120 ES	0.700 CP	0.96	0.80		
6.35 ES	20.83 CP	3.05 ES	17.78 CP	24.4	20.3		

GAGE SERIES DATA			
See Gage Series data sheet for complete specifications.			
Series	Description	Strain Range	Temperature Range
CEA	Universal general-purpose strain gages.	±3%	-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.

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