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Product Support

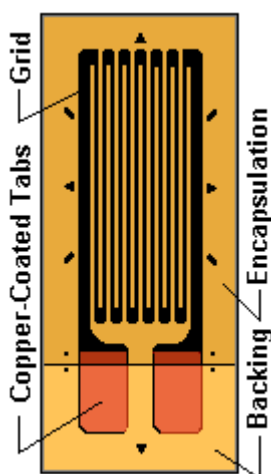
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## CEA-Series Gages

### Description and Primary Application

Universal general-purpose strain gages. Constantan grid completely encapsulated in polyimide, with large, rugged copper-coated tabs. Primarily used for general-purpose static and dynamic stress analysis. 'C'-Feature gages are specially highlighted throughout the gage listings of [Catalog 500](#).



### Temperature Range

Normal: -100 deg to +350 deg F (-75 deg to +175 deg C)  
Special or Short-Term: -320 deg to +400 deg F (-195 deg to +205 deg C)

### Strain Range

± 3% for gage lengths under 1/8 in (3.2mm)  
± 5% for 1/8 in and over

### Fatigue Life

10<sup>5</sup> cycles at ± 1500 microstrain  
10<sup>6</sup> cycles at ± 1500 microstrain with low modulus solder.

**Please note** : The performance data given here are *nominal* , and apply primarily to gages of 0.125-in (3-mm) gage length or larger.



Reference Table