



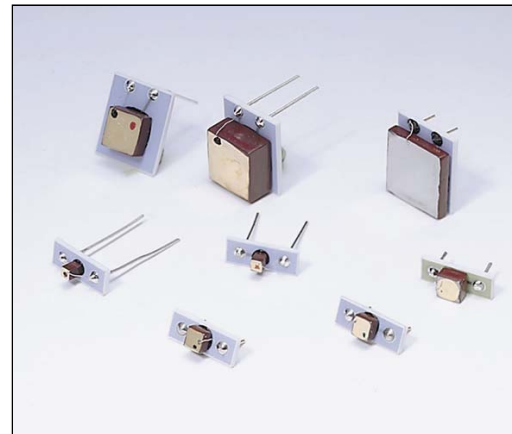
## *eV-80 Series*

### *Detector Packaging*

The EI Detection & Imaging Systems 80 series of detectors offer performance, flexibility, and ease of use in a small package design.

#### *eV-080*

Simple mounting style, the eV-080 consists of an alumina ( $\text{Al}_2\text{O}_3$ ) substrate and a CdZnTe detector crystal. Easily fits into a shielded housing, the eV-080 is designed for maximum flexibility in a small package. Contact EI Detection & Imaging Systems for different size detectors available.



#### *eV-180*

The eV-180 is mounted directly to a standard BNC connector. Easy connection to standard eV-550 preamplifier box using any of the eV Microelectronics standard charge sensitive preamplifiers or Nuclear Instrumentation Modules.

Two housing sizes:  
30 mm (1.25")OD  
12 mm (0.5mm)OD



#### *eV-480*

The eV-480 accommodates semiconductor crystals in an easy to use test fixture with a standard BNC connector. This allows the eV-480 to be easily connected to an eV-550 preamplifier box or Nuclear Instrumentation Modules. This design enables different size planar contacted detectors to be tested within the same configuration for ease in scientific experiments.

