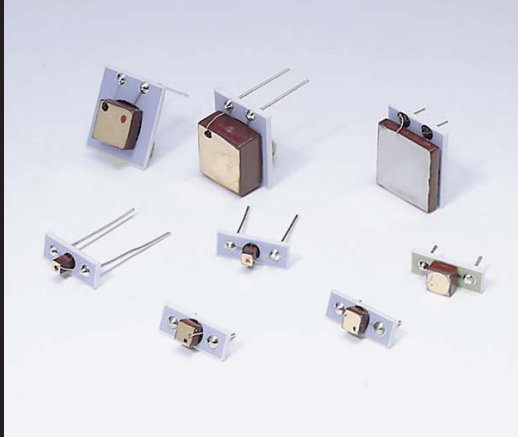


# eV-80 Series



## eV-80 Series

### Detector Packaging

Kromek's eV 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 CZT detector crystal. Easily fits into a shielded housing, the eV-080 is designed for maximum flexibility in a small package. Contact Kromek 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 Kromek eV 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.



**Nuclear  
detection**



**Medical  
imaging**



**Security  
screening**

**detect image identify**