## **CdZnTe detector**

# XCZT101005

Compact and high detection efficiency. It operates at room temperature and can be used in a wide range of applications, even in high background environments of about 1 mSv/h.

### **Techno**AP

DETECTOR

High sensitivity

High energy resolution





#### Image: Connected to our charge amplifier (APG1603)

#### **Specifications**

Specifications		Information mode histogram measurement 01:00:00 ROI No. (b) (c) (count) (count
Туре	Planar	match <th< th=""></th<>
CdZnTe size	10 x 10 x 5 mm(t)	count 0.000 0.000 0.000 0.000 0.000 0.000
Input voltage	+900 V	AC gin maximum radio 300
Connector	BNC *If bias is +900V or higher, change to SHV connector	Prodet maximum the iso iP 300 i i 000   LD control on samurent 200 i 000.0 i 000.0   LD control on samurent 200 i 000.0 i 000.0   LD control on samurent 200 i 000.0 i 000.0   LD control on samurent 200 i 000.0 i 000.0   LD control on samurent 200 i 000.0 i 000.0   data 1 000 i 000 i 000.0 i   data 0 000 i 000 i i i
Energy resolution	< 2% @ 662 Kev	
Window	Aluminum (Al)	200
Outer dimensions	30 x 24 x 24 mm	Readout circuit uses our API 101

## Readout circuit uses our APU10



Combined with our low-noise, low-power-consumption circuits, high-precision measurement is possible.

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\*Images is for illustration purpose.

\*Please note that contents may change without prior notice

