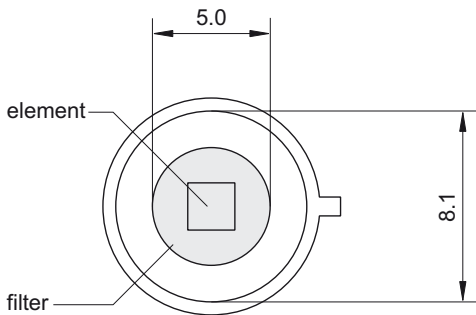
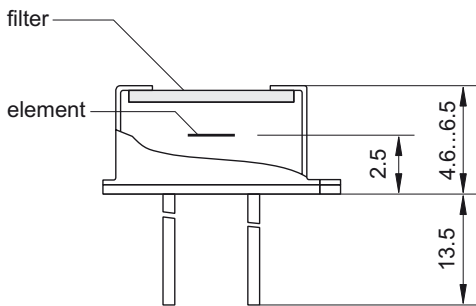
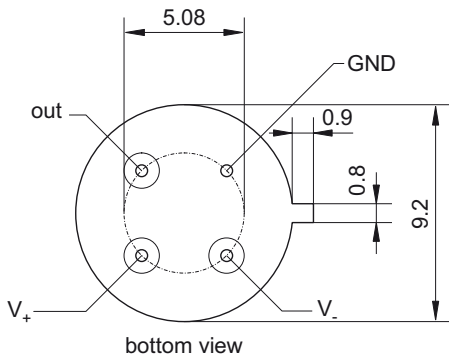


LTA G2I10

Pyroelectric Single Element Detector for measurement application



Element size	2 mm × 2 mm
Aperture	5.0 mm
Filter ¹	custom-designed
Responsivity ^{2,3}	> 15000 V/W
Noise ²	< 20000 nV/√Hz
Specific detectivity ^{2,3}	$1.5 \cdot 10^8$ cm√Hz/W
Offset voltage	< 5 mV
Operating voltage	±2.2 V to ±8 V
Housing	TO 39
Operating temperature	-20 to 70 °C
Storage temperature	-20 to 70 °C

¹ Other filters on request. ² Frequency: 10 Hz, ambient temperature: 25 °C.
³ Black body source temperature: 500 K, Filter transmission: 100 %.

