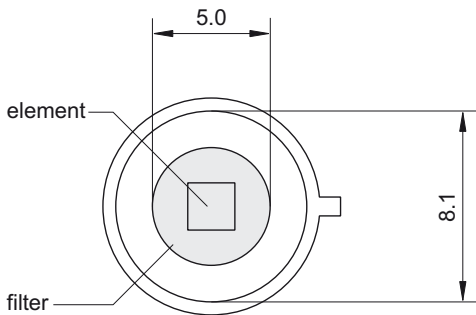
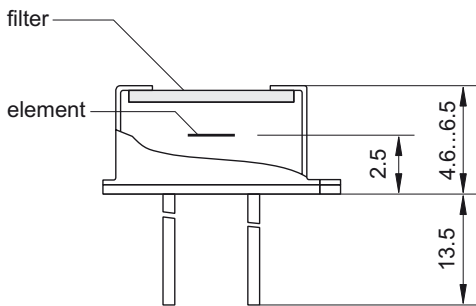
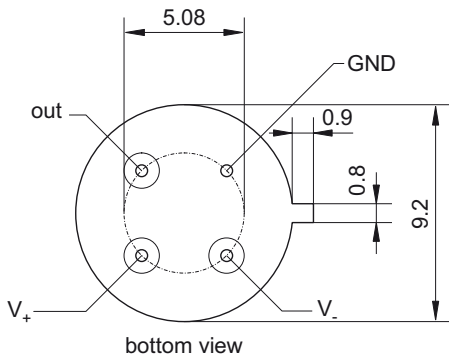


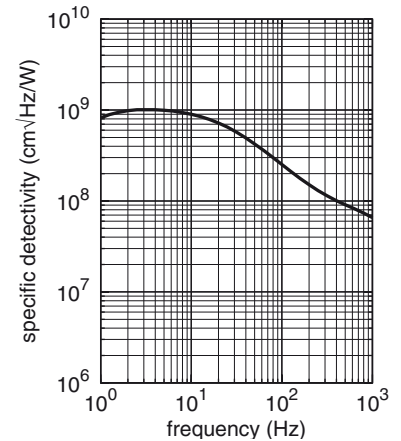
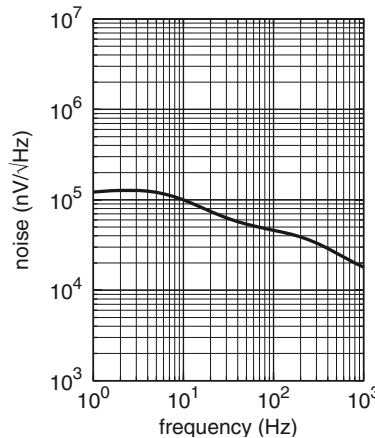
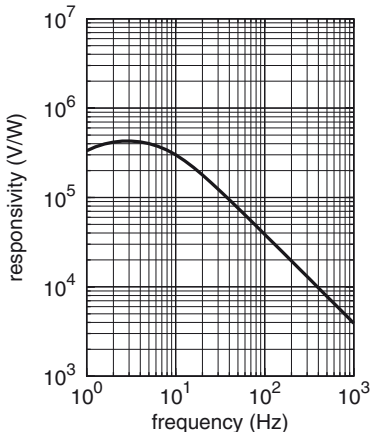
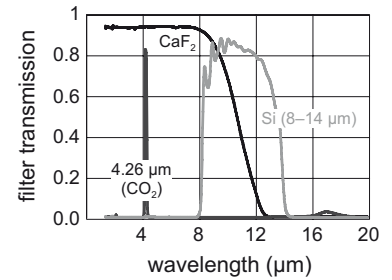
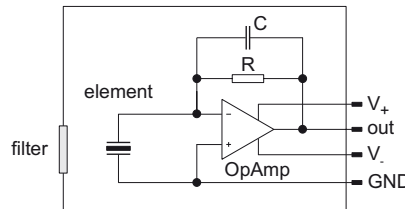
LTI Q2I100

Pyroelectric Single Element Detector for measurement application



Element size	2 mm × 2 mm
Aperture	5.0 mm
Filter¹	custom-designed
Responsivity^{2,3}	> 300000 V/W
Noise²	< 100000 nV/√Hz
Specific detectivity^{2,3}	8·10 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 %.



Technische Änderungen vorbehalten. Technical details are subject to change. 24.06.19



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