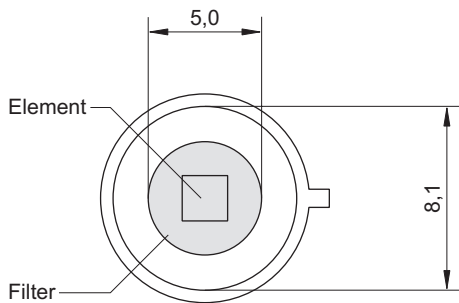
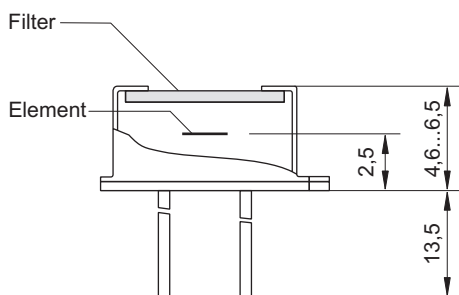
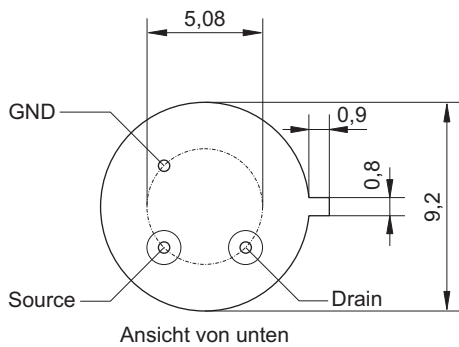


LTMUI Q2 (vorläufig)

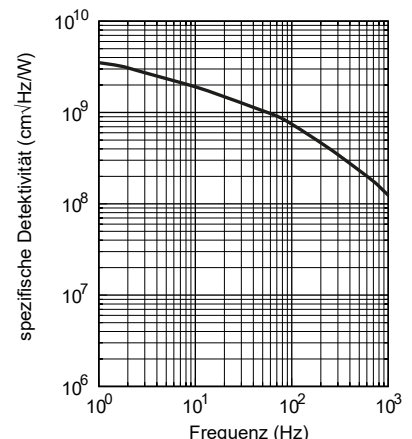
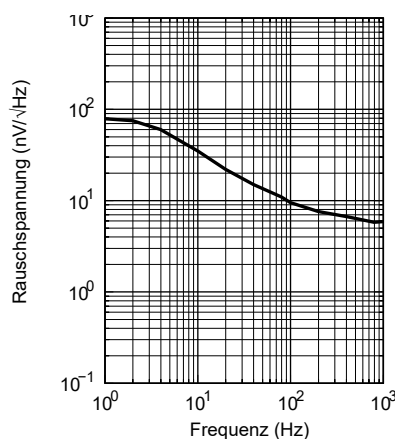
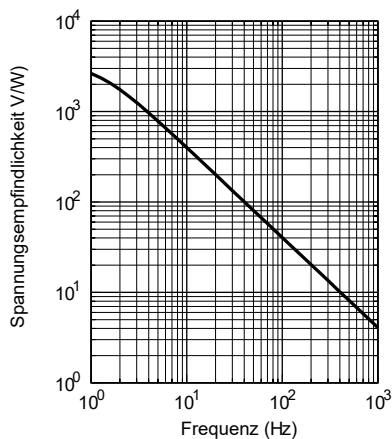
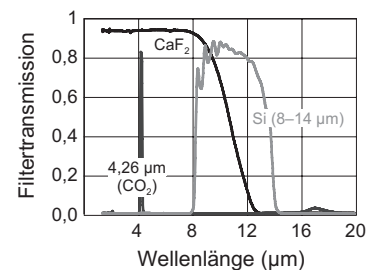
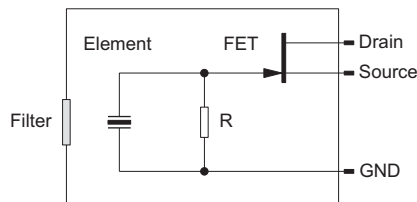
Pyroelektrischer Infrarot-Einelementsensor für Messtechnik-Applikationen



Elementgröße	2 mm × 2 mm
Apertur	5,0 mm
Filter ¹	kundenspezifisch
Empfindlichkeit ^{2,3}	> 350 V/W
Rauschspannung ²	< 35 nV/√Hz
Spezifische Detektivität ^{2,3}	1,8 · 10 ⁹ cm√Hz/W
Offsetspannung	0,4 V bis 1,5 V
Betriebsspannung	2 V bis 18 V
Gehäuse	TO 39
Betriebstemperatur	−20 bis 70 °C
Lagertemperatur	−20 bis 70 °C

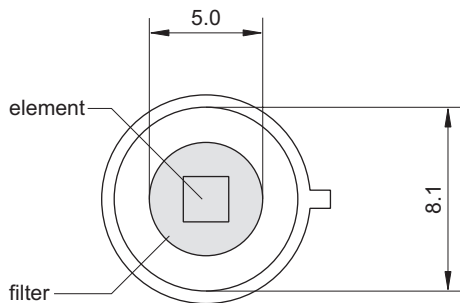
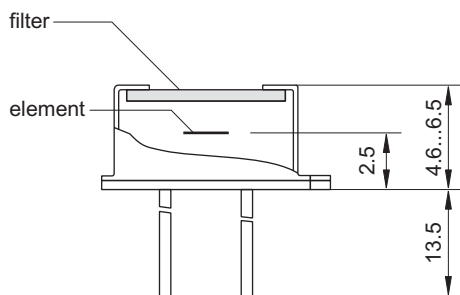
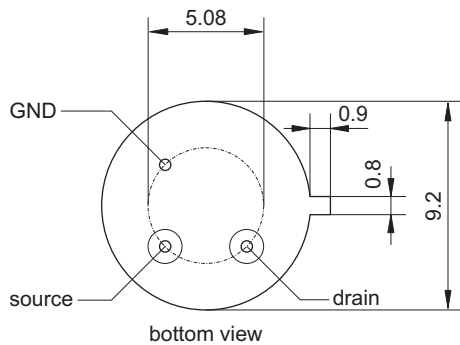
¹ Andere Filter auf Anfrage. ² Frequenz: 10 Hz, Umgebungstemperatur: 25 °C.

³ Strahlertemperatur: 500 K, Filtertransmission: 100 %.



LTMUI Q2 (preliminary)

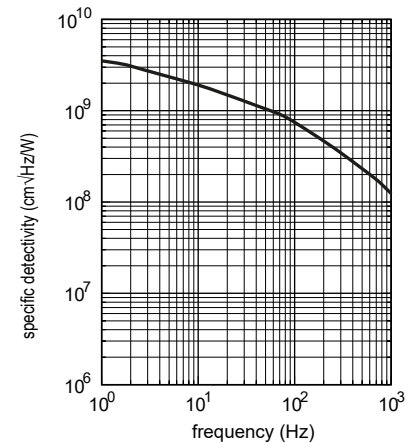
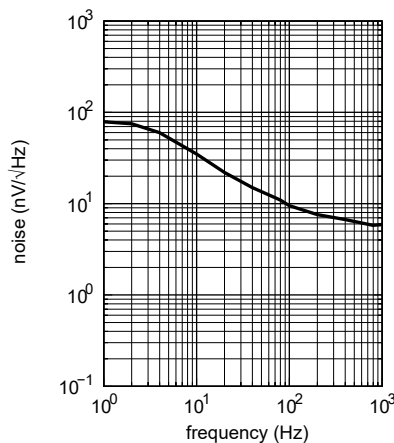
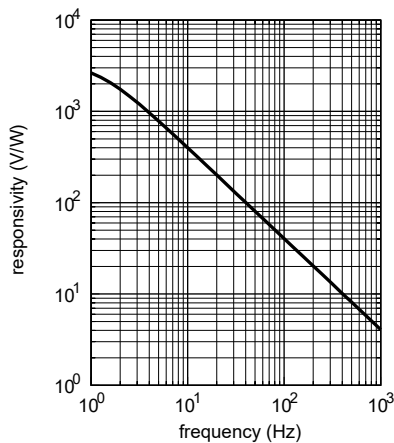
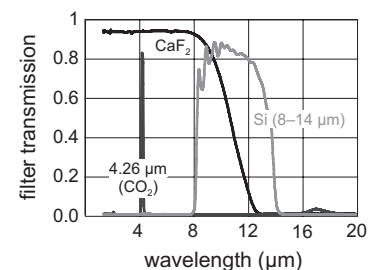
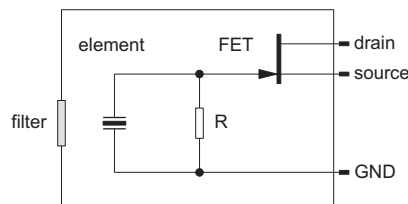
Pyroelectric Single Element Detector for measurement application



Element size	2 mm × 2 mm
Filter ¹	custom-designed
Responsivity ^{2,3}	> 350 V/W
Noise ²	< 35 nV/√Hz
Specific detectivity ^{2,3}	> 1.8·10 ⁹ cm√Hz/W
Offset voltage	0.4 V to 1.5 V
Operating voltage	2 V to 18 V
Housing	T039
Operating temperature	−20 °C to 70 °C
Storage temperature	−20 °C to 70 °C

¹ Other filter on request. ² Frequency: 10 Hz, ambient temperature: 25 °C.

³ Black body source temperature: 500 K, Filter transmission: 100 %.



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