**LTAI G2**

*Pyroelectric Single Element Detector for Measurement Applications*

- **element size**: 2 mm × 2 mm
- **aperture**: 5.0 mm
- **filter**: custom-designed
- **responsivity**\(^1,2\): >300 V/W
- **noise**\(^1\): <100 nV/√Hz
- **specific detectivity**\(^1,2\): >6·10^8 cm √Hz / W
- **offset voltage**: 0.4 to 1.5 V
- **operating voltage**: 2 to 18 V
- **housing**: TO 39
- **operating temperature**: –20 to 70 °C
- **storage temperature**: –20 to 70 °C

1) frequency: 10 Hz, detector temperature: 25 °C
2) black body source temperature: 500 K, filter transmission: 100 %
3) other filters on request

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Further developments may entail modifications of indicated data without notification. Revision 05/2006.

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