Pyroelectric Single Element Detector for Measurement Applications

- Element size: 1.2 mm × 1.2 mm
- Aperture: 5.0 mm
- Filter: custom-designed
- Responsivity\(^1,2\): >800 V/W
- Noise\(^1\): <370 nV/√Hz
- Specific detectivity\(^1,2\): >2.5×10\(^8\) 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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