



Click [here](#) for the 3D model.

| Dimensions | |
|------------|----------------------|
| L | 9.14mm +0.05/-0.06mm |
| W | 9.14mm +0.05/-0.06mm |
| H | 17.3mm +/-1mm |
| T | 3.8mm NOM |

| Packaging Specifications | |
|--------------------------|--------|
| Packaging | Bulk |
| Packaging Quantity | 50 |
| Typical Component Weight | 950 mg |

| General Information | |
|---------------------|---------------------------------------------------------------------------------|
| Series | QFC |
| Type | Flame Detection |
| Style | TO39 |
| Description | Analog output flame sensor |
| Features | High Responsivity, Wide Field of View, Rapid Recovery from Shock, Analog Output |
| RoHS | With Exemptions |
| REACH | SVHC (PZT - CAS 12626-81-2) |
| SCIP Number | 3c31b9af-be99-48ff-a8c3-2ea3307a1989 |
| Qualifications | REACH |

| Specifications | |
|----------------------|--------------------------------------|
| Temperature Range | -40/+85°C |
| Power Supply Voltage | 2.7 - 8.0 V |
| Miscellaneous | Sensor Type: Single. |
| Microphonics | S(vib) ~2 μV/sqrt(Hz) (at 10 Hz) |
| Noise | Mean 70 μV sqrt(Hz) |
| D* | 3.5 x 10 ⁸ cm sqrt(Hz)/ W |
| Time Constant | 12ms |
| Field of View | 100 degrees |
| Element Size | 1000um x 1000um |
| Filter Aperture | 5.2mm x 4.2mm |
| Filter | 4.35 um bandpass |
| Responsivity | 150,000 V/W |

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