



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

## General Information

|                |  |
|----------------|--|
| Series         | QGC  |
| Type           | Gas Detection  |
| Style          | TO39   |
| Description    | Analog output gas sensor   |
| Features       | Fast, Wide Operating Frequency Range, Analog Output, Integrated op amp |
| RoHS           | With Exemptions  |
| REACH          | SVHC (PZT - CAS 12626-81-2)  |
| SCIP Number    | 9074c9fd-06c9-4bc8-bb2f-04f9793401ba                                   |
| Qualifications | REACH  |

## Specifications

|                      |                                       |
|----------------------|---------------------------------------|
| Temperature Range    | -40/+85°C                             |
| Power Supply Voltage | 2.7 - 8.0 V                           |
| Microphonics         | S(vib) ~2 $\mu$ V/sqrt(Hz) (at 10 Hz) |
| Noise                | Mean 70 $\mu$ V sqrt(Hz)              |
| D*                   | 3.5 x 10 <sup>8</sup> cm sqrt(Hz)/ W  |
| Time Constant        | 12ms                                  |
| Element Size         | 1000um x 1000um                       |
| Filter Aperture      | 2.5 mm diameter                       |
| Filter               | Broadband for bespoke filters         |
| Responsivity         | 150,000 V/W                           |

## Dimensions

|   |                  |
|---|------------------|
| L | 9.13mm +/-0.06mm |
| W | 9.13mm +/-0.06mm |
| H | 17.65mm +/-1mm   |
| T | 4.15mm NOM       |

## Packaging Specifications

|                          |        |
|--------------------------|--------|
| Packaging                | Bulk   |
| Typical Component Weight | 930 mg |