



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 μ V/sqrt(Hz) (at 10 Hz) |
| Noise | Mean 70 μ V sqrt(Hz) |
| D* | 3.5 x 10 ⁸ cm sqrt(Hz)/ W |
| Time Constant | 12ms |
| Element Size | 1000um x 1000um |
| Filter Aperture | 2.5 mm diameter |
| Filter | Detection: Refrigerant R12 (Freon) |
| 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 |