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**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 μV/sqrt(Hz) (at 10 Hz)     |
| Noise                | Mean 70 μV sqrt(Hz)                  |
| D*                   | 3.5 x 10 <sup>8</sup> cm sqrt(Hz)/ W |
| Time Constant        | 12ms                                 |
| Element Size         | 1000um x 1000um                      |
| Filter Aperture      | 2.6mm x 2.6mm                        |
| Filter               | Broadband for bespoke filters        |
| Responsivity         | 150,000 V/W                          |

**Dimensions**

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

**Packaging Specifications**

|                          |        |
|--------------------------|--------|
| Packaging                | Bulk   |
| Typical Component Weight | 970 mg |

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