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| 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 |

| 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      | 2.5 mm diameter                      |
| Filter               | Detection: CO (Narrow)               |
| Responsivity         | 150,000 V/W                          |

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