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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

**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

**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: Refrigerant R12 (Freon)
Responsivity	150,000 V/W

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