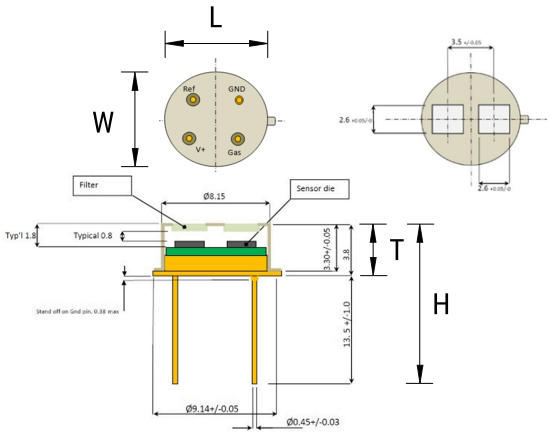
USEQGCDAC82N00

Aliases (USEQGCDAC82N00)

Obsolete

KEMET, QGC, Gas Detection, TO39, Infrared, Fast, Wide Operating Frequency Range, Analog Output, Integrated op amp



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

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

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 10^8 cm sqrt(Hz)/ W
Time Constant	12ms
Element Size	1000um x 1000um
Filter Aperture	2.6mm x 2.6mm
Filter	Detection: CO2 (Narrow)
Responsivity	150,000 V/W

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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