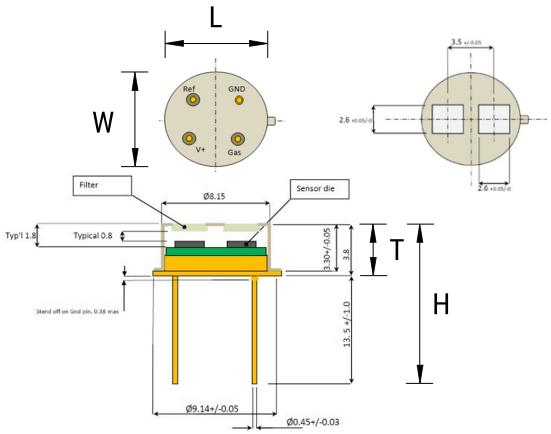
# USEQGCDAC82L00

Aliases (USEQGCDAC82L00)

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 |
| 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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