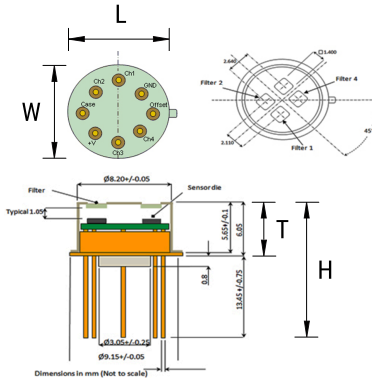


KEMET Part Number: USEQGCQAEXH100
(USEQGCQAEXH100)



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



Dimensions	
L	9.15mm +/-0.05mm
W	9.15mm +/-0.05mm
H	19.5mm +/-0.75mm
T	6.05mm NOM

Packaging Specifications	
Packaging:	Bulk
Weight:	1.15 g

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 - 5.0 V
Microphonics:	S(vib) ~1 μV/sqrt(Hz) (at 10 Hz)
Noise:	Mean 40 μV sqrt(Hz)
D*:	1.5 x 10 ⁸ cm sqrt(Hz)/ W
Time Constant:	10ms
Element Size:	1000um x 1000um
Filter Aperture:	0.7mm x 0.325mm
Filter:	Detection: Exhaust, Environmental
Responsivity:	100,000 V/W

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