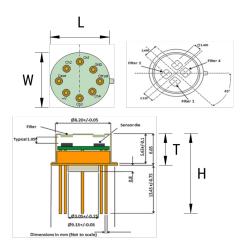


USEQGCQAEXH100

Aliases (USEQGCQAEXH100)

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



Click here for the 3D model.

Dimensions	,
L	9.15mm +/-0.05mm
W	9.15mm +/-0.05mm
Н	19.5mm +/-0.75mm
Т	6.05mm NOM

Packaging Specifications		
Packaging	Bulk	
Component 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	$S(vib) \sim 1 \mu V/sqrt(Hz) (at 10 Hz)$			
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			

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.