

USEQGCDAN8L100

Aliases (USEQGCDAN8L100)

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



Click here for the 3D model.

Dimensions	
L	9.14mm +/-0.05mm
W	9.14mm +/-0.05mm
н	17.3mm +/-1mm
т	3.8mm NOM

Packaging Specifications			
Packaging	Bulk		
Component Weight	970 mg		

General Information		
Series	QGC	
Туре	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 - 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: NO		
Responsivity	150,000 V/W		

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