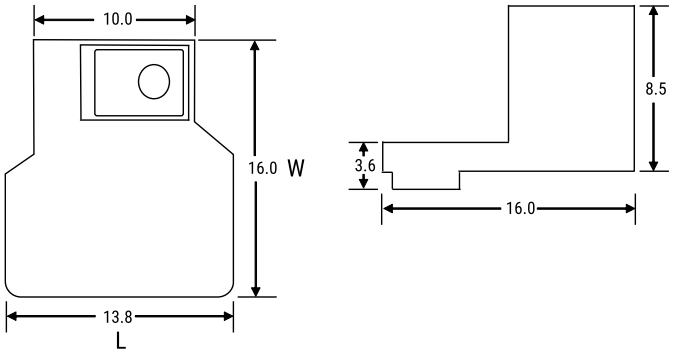
USEQGSMH950100

Obsolete

KEMET, QGSM, Gas Detection, SMD, Infrared, Small SMD Package, 12C Communication Compatible, High Dynamic Range



General Information	
Series	QGSM
Type	Gas Detection
Style	SMD
Description	12C Gas Sensor Module
Features	Small SMD Package, 12C Communication Compatible, High Dynamic Range
RoHS	With Exemptions
REACH	SVHC (PZT – CAS 12626-81-2)
Qualifications	REACH
MSL	3

Dimensions	
L	13.8mm NOM
W	16mm NOM
L2	10mm

Packaging Specifications	
Packaging Quantity	1
Typical Component Weight	5.41 g

Specifications	
Temperature Range	-40/+85°C
Power Supply Voltage	1.75 - 3.6 V
Current	1 - 23 uA (Supply Current, Typical)
Miscellaneous	Includes sensor: USEQGSEH950180.
D*	2.5 x 10^8 cm sqrt(Hz)/ W
NEP	2.7 x 10^-10 W/sqrt(Hz)
Time Constant	10ms (10-20 Hz peak)
Field of View	90 degrees
Element Size	0.64mm x 0.64mm
Filter	9.5um, BW: 400nm, Sugar, Ethanol

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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