



Click [here](#) for the 3D model.

Dimensions

L	5.65mm NOM
W	3.7mm NOM
T	1.55mm MAX

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	700
Component Weight	80 mg

General Information

Series	QGS
Type	Gas Detection
Style	SMD
Description	12C
Features	Small SMD Package, 12C Communication Compatible, High Profile
RoHS	With Exemptions
REACH	SVHC (PZT – CAS 12626-81-2)
Qualifications	REACH
MSL	3

Specifications

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