



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

General Information

Series	QMS
Type	Motion Detection
Style	SMD
Description	12C
Features	Small SMD Package, 12C Communication Compatible, High Dynamic Range
RoHS	With Exemptions
REACH	SVHC (PZT - CAS 12626-81-2)
SCIP Number	4bbe8810-62a4-426f-9a2e-98d9d0d9acfe
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)
Miscellaneous	Sensor Read-out: Current mode.
D*	$5.5 \times 10^8 \text{ cm} \sqrt{\text{Hz}} / \text{W}$
NEP	$0.4 \times 10^{-10} \text{ W}/\sqrt{\text{Hz}}$
Time Constant	10ms (10-20 Hz peak)
Field of View	60 degrees
Element Size	0.057 mm x 0.057mm (4 pixels)
Filter Aperture	d = 0.9 mm
Filter	5.0 um Long Pass

Dimensions

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

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	800
Typical Component Weight	70 mg

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.