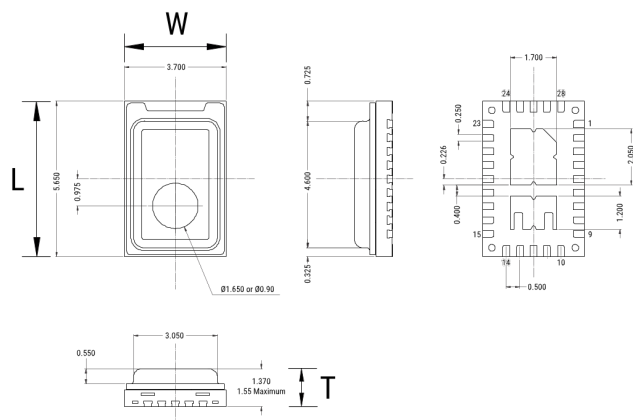




USEQMSEA220980

Aliases (USEQMSEA220980)

KEMET, QMS, Motion Detection, SMD, Infrared, Small SMD Package, 12C
Communication Compatible, High Dynamic Range



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	800
Typical Component Weight	70 mg

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-98d9d0d9acf6
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

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