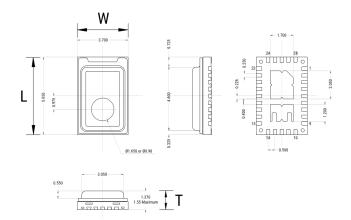


USEQMSEA220980

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	
Т	1.55mm MAX	

Packaging Specifications			
Packaging	T&R, 178mm		
Packaging Quantity	800		
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-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*	$5.5 \times 10^8 \text{ cm sqrt(Hz)/W}$
NEP	0.4 x 10^-10 W/sqrt(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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