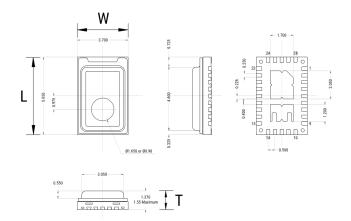


## USEQMSEA221680

Aliases (USEQMSEA221680)

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	
Туре	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	90 degrees	
Element Size	0.057 mm x 0.057mm (4 pixels)	
Filter Aperture	d = 1.65 mm	
Filter	5.0 um Long Pass	

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