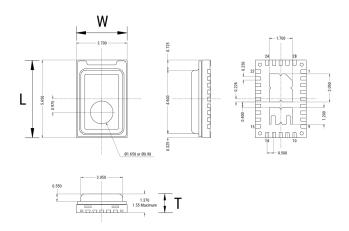


USEQMSEA220980

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
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-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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