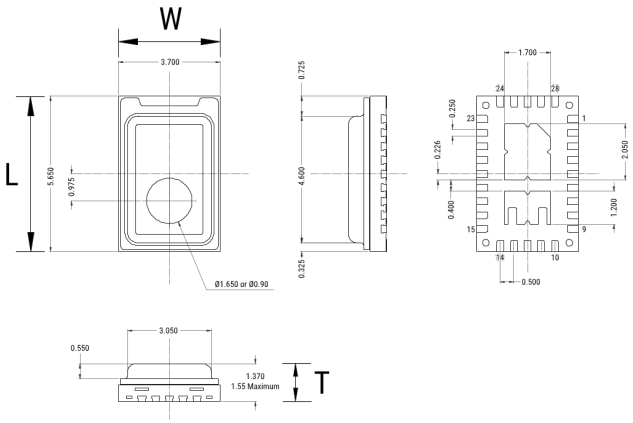
USEQMSEA011680

Aliases (USEQMSEA011680)

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



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

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

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*	2.5 x 10^8 cm sqrt(Hz)/ W
NEP	2.7 x 10^-10 W/sqrt(Hz)
Time Constant	10ms (10-20 Hz peak)
Field of View	90 degrees
Element Size	0.41 mm x 0.41mm (1 pixel)
Filter Aperture	d = 1.65 mm
Filter	5.0 um Long Pass

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

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