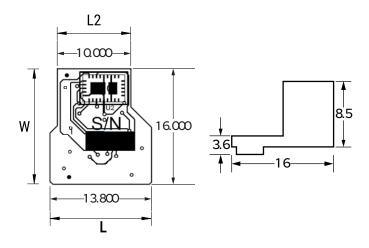


## **USEQMSM1011600**

Aliases (USEQMSM1011600) Not for New Design KEMET, QMSM, Motion Detection, SMD, Infrared, Small SMD Package, 12C Communication Compatible, High Dynamic Range



General Information	
Series	QMSM
Туре	Motion Detection
Style	SMD
Description	12C Motion Sensor Module
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-98 d9d0d9acfe
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	Includes sensor: USEQMSEA011680.
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

Dimensions	
L	13.8mm NOM
L2	10mm NOM
н	16mm NOM

Packaging Specifications	
Packaging	Bulk
Typical Component Weight	5.4 g

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