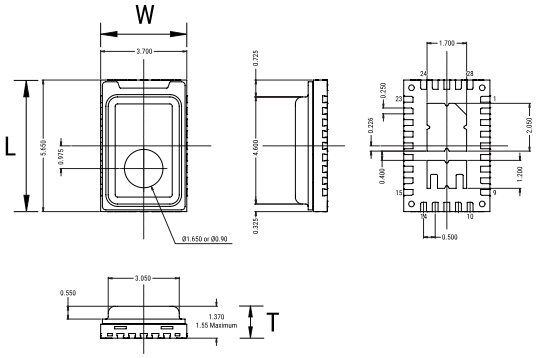
KEMET Part Number: USEQMSEA011680

(USEQMSEA011680)

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



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

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

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

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