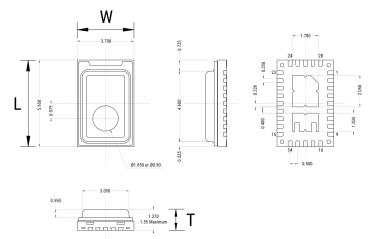


USEQFSEA50L180

Aliases (USEQFSEA50L180)

KEMET, QFS, Flame Detection, SMD, Infrared, Small SMD Package, 12C Communication Compatible



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 ma

General Information			
Series	QFS		
Туре	Flame Detection		
Style	SMD		
Description	12C		
Features	Small SMD Package, 12C Communication Compatible		
RoHS	With Exemptions		
REACH	SVHC (PZT - CAS 12626-81-2)		
SCIP Number	f8c5f819-a3bd-41c4-887e-bd5dcb8c5edf		
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	Human motion rejection. Sensor Type: Single.
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	0.64mm x 0.64mm
Filter Aperture	d = 1.65 mm
Filter	5 um long pass (human motion rejection)

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