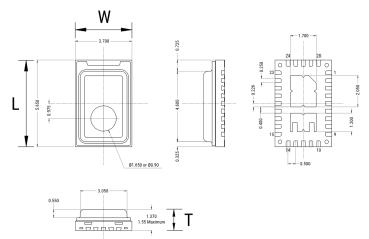


USEQFSEA448180

Aliases (USEQFSEA448180)

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		
Typical Component Weight	70 mg		

General Information		
Series	QFS	
Type	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	Flame channel (main detector). Sensor Type: Single.
D*	$2.5 \times 10^8 \text{ cm sqrt(Hz)/W}$
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	4.48 um (flame channel with main detector)

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