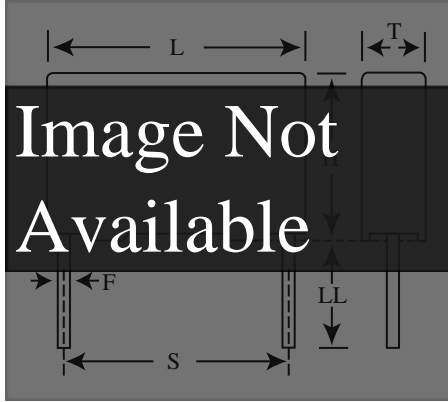


KEMET Part Number: USEQFSK1000000
(USEQFSK1000000)



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



General Information	
Series:	QFS
Type:	Flame Detection
Style:	SMD
Description:	Evaluation Kit
Features:	Small SMD Package, 12C Communication Compatible
RoHS:	With Exemptions
REACH:	SVHC (Pb – CAS 7439-92-1)
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 4 sensors: USEQFSEA50L180, USEQFSEA391180, USEQFSEA464180 and USEQFSEA448180.
D*:	$2.5 \times 10^8 \text{ cm} \sqrt{\text{Hz}} / \text{W}$
NEP:	$2.7 \times 10^{-10} \text{ W}/\sqrt{\text{Hz}}$
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

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