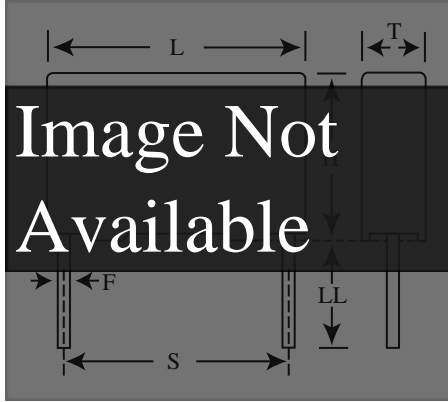


**KEMET Part Number: USEQFCK4000000**  
(USEQFCK4000000)



KEMET, QFC, Flame Detection, TO39, Infrared, High Responsivity, Wide Field of View, Rapid Recovery from Shock, Analog Output



General Information	
<b>Series:</b>	QFC
<b>Type:</b>	Flame Detection
<b>Style:</b>	TO39
<b>Description:</b>	Evaluation Kit
<b>Features:</b>	High Responsivity, Wide Field of View, Rapid Recovery from Shock, Analog Output
<b>RoHS:</b>	With Exemptions
<b>REACH:</b>	SVHC (Pb – CAS 7439-92-1)
<b>Qualifications:</b>	REACH

Specifications	
<b>Temperature Range:</b>	-40/+85°C
<b>Power Supply Voltage:</b>	2.7 - 8.0 V
<b>Miscellaneous:</b>	Sensor Type: Single.
<b>Microphonics:</b>	S(vib) ~2 $\mu$ V/sqrt(Hz) (at 10 Hz)
<b>Noise:</b>	Mean 70 $\mu$ V sqrt(Hz)
<b>D*:</b>	3.5 x 10 <sup>8</sup> cm sqrt(Hz)/ W
<b>Time Constant:</b>	12ms
<b>Field of View:</b>	100 degrees
<b>Element Size:</b>	1000 $\mu$ m x 1000 $\mu$ m
<b>Filter Aperture:</b>	5.2mm x 4.2mm
<b>Responsivity:</b>	150,000 V/W

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