

KEMET, QFCE, TO-39 Flame Sensing Evaluation Kit, Infrared, I²C Communication Compatible, Wide Field of View, Rapid Recovery from Shock



General Information	
Series:	QFCE
Type:	Flame Detection
Style:	Connector
Description:	Evaluation Kit
Kit Contains:	Flame detection demonstration kit, sensors USEQFCEA500100, USEQFCEA391100 and USEQFCEA448100, USB communications cable
REACH	SVHC (PZT – CAS 12626–81–2)
Qualifications	REACH
RoHS:	With Exemptions

Packaging Specifications	
Packaging:	Cardboard Box
Packaging Quantity:	1
Weight:	360 g

Specifications	
Temperature Range:	-40/+85°C
Miscellaneous:	TO-39 flame sensing evaluation kit (digital), including 3 QFCE sensors
Power Supply Voltage:	1.75 – 3.6 V
Current:	1 – 23 µA (Supply Current Typical)
D*:	4.8 x 10 ⁸ cm√Hz/W
Time Constant:	10 ms (10 – 20 Hz peak)
Field of View:	100 degrees
Element Size:	1,000 µm x 1,000 µm
Filter Aperture:	5.2 mm x 4.2 mm

For additional sources of information, please refer to
<https://www.kemet.com/en/us/sensors/environmental-sensors.html>