

KEMET, QFC, TO-39 Flame Sensing Evaluation Kit, Infrared, Analog Output, High Responsivity, Wide Field of View, Rapid Recovery from Shock



General Information	
Series:	QFC
Type:	Flame Detection
Style:	Connector
Description:	Evaluation Kit
Kit Contains:	Flame detection demonstrator kit, sensors USEQFCSA391100, USEQFCSA435100 and USEQFCSA500100, 9 VDC power supply, USB communications cable
REACH	SVHC (PZT – CAS 12626-81-2)
SCIP Number	3c31b9af-be99-48ff-a8c3-2ea3307a1989
Qualifications	REACH
RoHS:	With Exemptions

Packaging Specifications

Packaging:	Cardboard Box
Packaging Quantity:	1
Weight:	650 g

Specifications

Temperature Range:	-40/+85°C
Miscellaneous:	TO-39 flame sensing evaluation kit, including 3 QFC sensors
Power Supply Voltage:	2.7 – 8.0 V
Sensor Type:	Single
Noise:	Mean 70 μ V sqrt (Hz)
D*:	3.5×10^8 cm sqrt (Hz)/W
Time Constant:	12 ms
Field of View:	100 degrees
Element Size:	1,000 μ m x 1,000 μ m
Filter Aperture:	5.2 mm x 4.2 mm
Responsivity	150,000 V/W

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