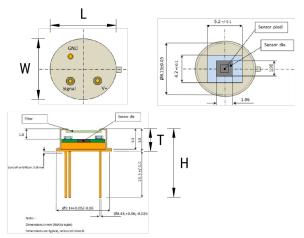


USEQFCSA391100

Aliases (USEQFCSA391100)

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



Click here for the 3D model.

Dimensions	
L	9.14mm +0.05/-0.06mm
W	9.14mm +0.05/-0.06mm
Н	17.3mm +/-1mm
Т	3.8mm NOM

Packaging Specifications		
Packaging	Bulk	
Packaging Quantity	50	
Component Weight	950 mg	

General Information		
Series	QFC	
Type	Flame Detection	
Style	TO39	
Description	Analog output flame sensor	
Features	High Responsitivity, Wide Field of View, Rapid Recovery from Shock, Analog Output	
RoHS	With Exemptions	
REACH	SVHC (PZT - CAS 12626-81-2)	
SCIP Number	3c31b9af-be99-48ff-a8c3-2ea3307a1989	
Qualifications	REACH	

Specifications	
Temperature Range	-40/+85°C
Power Supply Voltage	2.7 - 8.0 V
Miscellaneous	Sensor Type: Single.
Microphonics	$S(vib) \sim 2 \mu V/sqrt(Hz)$ (at 10 Hz)
Noise	Mean 70 μV sqrt(Hz)
D*	$3.5 \times 10^8 \text{ cm sqrt(Hz)/W}$
Time Constant	12ms
Field of View	100 degrees
Element Size	1000um x 1000um
Filter Aperture	5.2mm x 4.2mm
Filter	3.91 um bandpass
Responsivity	150,000 V/W

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