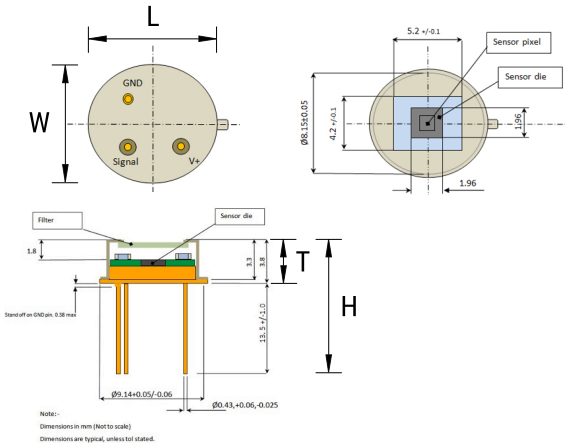
USEQFCSA500100

Aliases (USEQFCSA500100)

Obsolete

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



Click here for the 3D model.

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

Dimensions	
L	9.14mm +0.05/-0.06mm
W	9.14mm +0.05/-0.06mm
H	17.3mm +/-1mm
T	3.8mm NOM

Packaging Specifications	
Packaging	Bulk
Packaging Quantity	50
Typical Component Weight	950 mg

Specifications	
Temperature Range	-40/+85°C
Power Supply Voltage	2.7 - 8.0 V
Miscellaneous	Sensor Type: Single.
Microphonics	S(vib) ~2 µV/sqrt(Hz) (at 10 Hz)
Noise	Mean 70 µV sqrt(Hz)
D*	3.5 x 10^8 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	5 um cut on
Responsivity	150,000 V/W

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