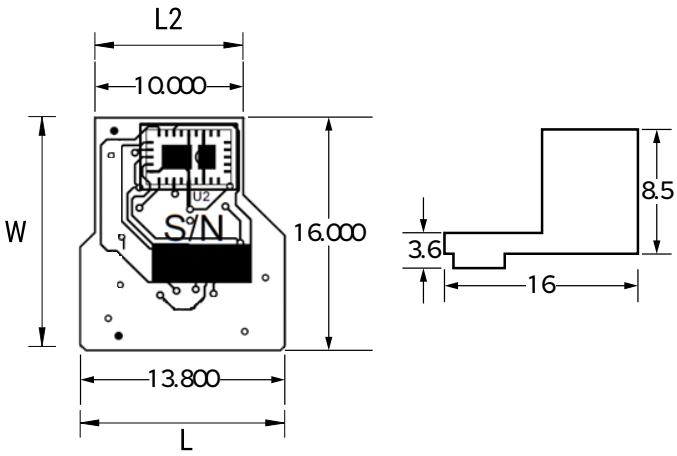
USEQFSM1448100

Aliases (USEQFSM1448100)

Obsolete

KEMET, QFSM, Flame Detection, SMD, Infrared, Small SMD Package, 12C Communication Compatible



General Information	
Series	QFSM
Type	Flame Detection
Style	SMD
Description	12C Flame Sensor Module
Features	Small SMD Package, 12C Communication Compatible
RoHS	With Exemptions
REACH	SVHC (PZT – CAS 12626-81-2)
SCIP Number	f8c5f819-a3bd-41c4-887e-bd5dcb8c5edf
Qualifications	REACH
Notes	The module, in order to be evaluated, can be used with the control board USEQCSK0000000 for prototyping purpose.
MSL	3

Dimensions	
L	13.8mm NOM
L2	10mm NOM
H	16mm NOM

Packaging Specifications	
Packaging	Bulk
Typical Component Weight	5.4 g

Specifications	
Temperature Range	-40/+85°C
Power Supply Voltage	1.75 - 3.6 V
Current	1 - 23 uA (Supply Current, Typical)
Miscellaneous	Sensor Type: Single. Includes sensor: USEQFSEA448180.
D*	2.5 x 10^8 cm sqrt(Hz)/ W
NEP	2.7 x 10^-10 W/sqrt(Hz)
Time Constant	10ms (10-20 Hz peak)
Field of View	90 degrees
Element Size	0.64mm x 0.64mm
Filter Aperture	d = 1.65 mm
Filter	4.48 um (flame channel with main detector)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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