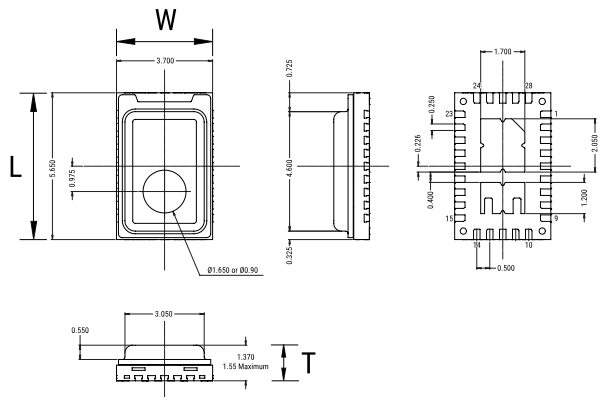
KEMET Part Number: USEQFSEA464180

(USEQFSEA464180)

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



Dimensions	
L	5.65mm NOM
W	3.7mm NOM
T	1.55mm MAX

Packaging Specifications	
Packaging:	T&R, 178mm
Packaging Quantity:	800
Weight:	70 mg

General Information	
Series:	QFS
Type:	Flame Detection
Style:	SMD
Description:	12C
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
MSL:	3

Specifications	
Temperature Range:	-40/+85°C
Power Supply Voltage:	1.75 - 3.6 V
Current:	1 - 23 uA (Supply Current, Typical)
Miscellaneous:	Flame channel (wide FoV). Sensor Type: Single.
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:	4.64 um (flame channel with wide FoV)

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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