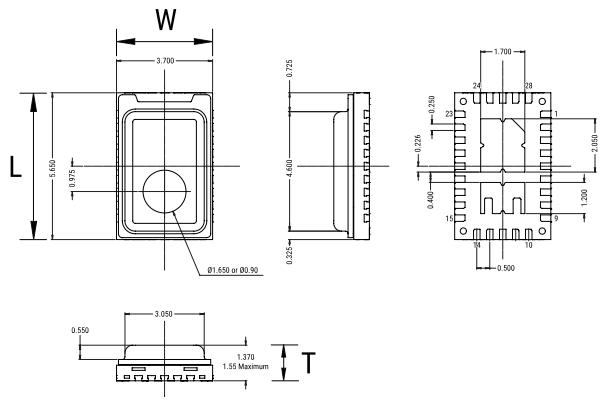
KEMET Part Number: USEQFSEA391180

(USEQFSEA391180)

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:	Rejection channel. 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:	3.91 um (rejection channel)

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