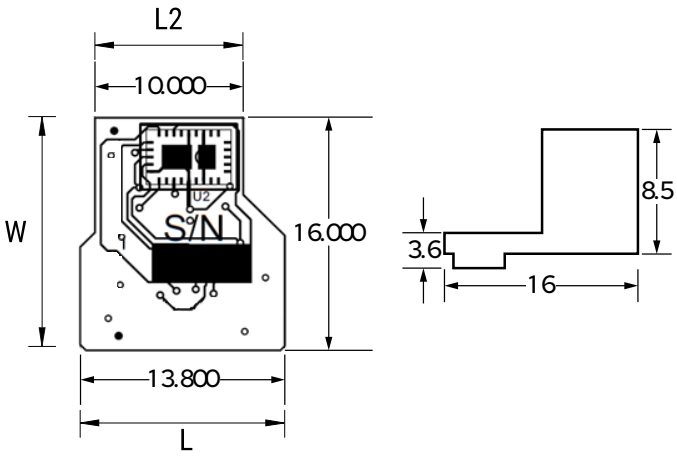
# USEQFSM122L100

Aliases (USEQFSM122L100)

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: USEQFSEA22L180. |
| 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 | 2.2 um long pass |

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