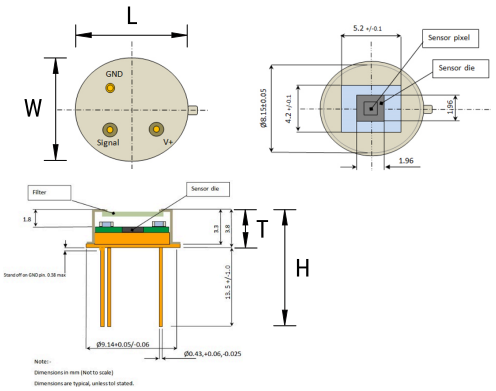
# KEMET Part Number: USEQFCSA550100

(USEQFCSA550100)

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




| 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 |
| **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:** | 5.5 um cut on |
| **Responsivity:** | 150,000 V/W |

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