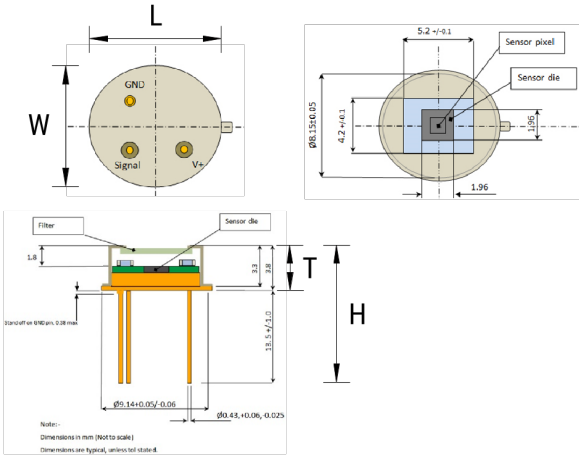




Click [here](#) for the 3D model.

| 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     |
| Typical Component Weight | 950 mg |

| General Information |                                                                                 |
|---------------------|---------------------------------------------------------------------------------|
| Series              | QFC                                                                             |
| Type                | Flame Detection                                                                 |
| Style               | TO39                                                                            |
| Description         | Analog output flame sensor                                                      |
| Features            | High Responsivity, 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                                                                           |

| 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                      |