



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

### Dimensions

|   |            |
|---|------------|
| L | 5.65mm NOM |
| W | 3.7mm NOM  |
| T | 1.55mm MAX |

### Packaging Specifications

|                          |            |
|--------------------------|------------|
| Packaging                | T&R, 178mm |
| Packaging Quantity       | 800        |
| Typical Component 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 (main detector). Sensor Type: Single.      |
| D*                   | $2.5 \times 10^8 \text{ cm} \sqrt{\text{Hz}} / \text{W}$ |
| NEP                  | $2.7 \times 10^{-10} \text{ W}/\sqrt{\text{Hz}}$         |
| 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               | 4.48 um (flame channel with main detector)               |