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**General Information**

|                |   |
|----------------|---|
| Series         | QFCE  |
| Type           | Flame Detection                                 |
| Style          | TO39  |
| Description    | Analog output flame sensor                      |
| Features       | Small SMD Package, 12C Communication Compatible |
| RoHS           | With Exemptions                                 |
| REACH          | SVHC (PZT – CAS 12626-81-2)                     |
| 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     |
| Typical Component Weight | 950 mg |

**Specifications**

|                      |                                     |
|----------------------|-------------------------------------|
| Temperature Range    | -40/+85°C                           |
| Power Supply Voltage | 1.7 - 3.6 V                         |
| Current              | 1 - 23 uA (Supply Current, Typical) |
| Time Constant        | 10ms                                |
| Field of View        | 100 degrees                         |
| Element Size         | 1000um x 1000um                     |
| Filter Aperture      | 5.2mm x 4.2mm                       |
| Filter               | 4.55 um bandpass                    |

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