



Dimensions

| | |
|----|------------|
| L | 13.8mm NOM |
| L2 | 10mm NOM |
| H | 16mm NOM |

Packaging Specifications

| | |
|--------------------------|-------|
| Packaging | Bulk |
| Typical Component Weight | 5.4 g |

General Information

| | |
|----------------|---|
| Series | QMSM |
| Type | Motion Detection |
| Style | SMD |
| Description | 12C Motion Sensor Module |
| Features | Small SMD Package, 12C Communication Compatible, High Dynamic Range |
| RoHS | With Exemptions |
| REACH | SVHC (PZT - CAS 12626-81-2) |
| SCIP Number | 4bbe8810-62a4-426f-9a2e-98d9d0d9acfe |
| 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 | Includes sensor: USEQMSEA220980. |
| D* | $5.5 \times 10^8 \text{ cm} \sqrt{\text{Hz}} / \text{W}$ |
| NEP | $0.4 \times 10^{-10} \text{ W} / \sqrt{\text{Hz}}$ |
| Time Constant | 10ms (10-20 Hz peak) |
| Field of View | 60 degrees |
| Element Size | 0.057 mm x 0.057mm (4 pixels) |
| Filter Aperture | d = 0.9 mm |
| Filter | 5.0 um Long Pass |