INNOVATOR IN ELECTRONIC

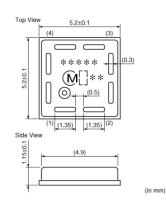
Product Search Data Sheet

MA40H1S-R

In Production REACH Recommended RoHS

Appearance & Shape





Features

Note: This datasheet may be out of date.

- 1. Small(5.2mm x 5.2mm)
- 2. Thin(t1.15mm)
- 3. Surface mount available(solder-mount by reflow)

Please download the latest datasheet of MA40H1S-R from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-global/products/productdetail?partno=MA40H1S-R

4. No water proof(possible by housing component)

Applications

| Other Usage | 1. Human detection 2. Gesture detection 3. Object detection |
|-------------|---|
|-------------|---|

Packaging Information

| Packaging | Specifications | Minimum Order Quantity |
|-----------|---------------------|---------------------------|
| R | 180mm Embossed Tape | 1000 |

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering. 2.This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering







Specifications

| Operating Temperature Range | -20℃ to 60℃ | |
|-----------------------------|--------------------------------|--|
| Construction | Open type | |
| Center Frequency | 40kHz | |
| Sensitivity | -65dB min. (0dB=1V/Pa) | |
| S.P.L. | 95dB min (0dB=20uPa) | |
| Directivity | 80deg. (typ.) | |
| Capacitance | 4500pF | |
| Torelance | ±20% | |
| Max. Input Voltage | 7.2Vp-p (at 40kHz,Square wave) | |

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