

# MA40S4S

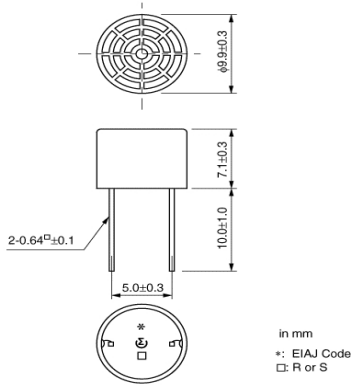
In Production

Recommended

RoHS

REACH

## Appearance & Shape



## Features

1. Compact and light weight.
2. High sensitivity and sound pressure.

## Applications

|                  |                                                          |
|------------------|----------------------------------------------------------|
| Automotive Usage | Infotainment                                             |
| Other Usage      | 1. Obstacle detection in home<br>2. Distance measurement |

## Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|----------------|---------------------------|
| -         | Box            | 540                       |

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

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## Specifications

|                             |                                          |
|-----------------------------|------------------------------------------|
| Operating Temperature Range | -40°C to 85°C                            |
| Construction                | Open type                                |
| Center Frequency            | 40kHz                                    |
| S.P.L.                      | 120dB typ. (0dB=0.02mPa)                 |
| Directivity                 | 80deg. (typ.)                            |
| Capacitance                 | 2550pF                                   |
| Capacitance Tolerance       | ±20%                                     |
| Max. Input Voltage          | 20Vp-p Continuous signal,<br>Square wave |

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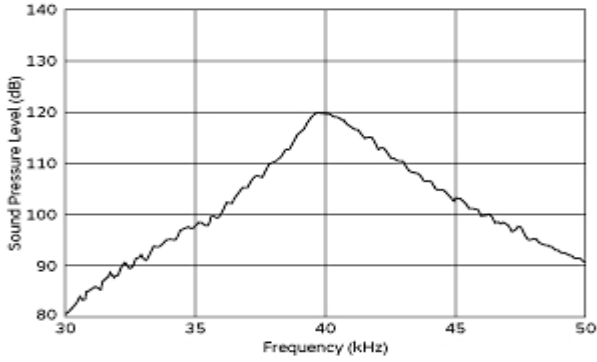
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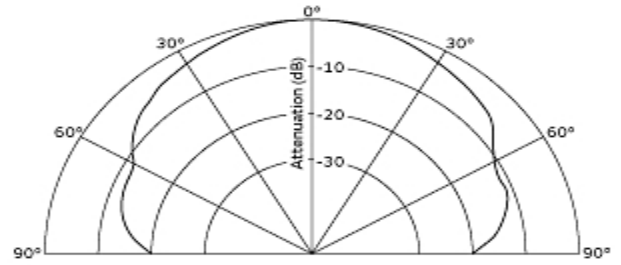
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## Product Data



Freq. Characteristics



Directivity in S.P.L.

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