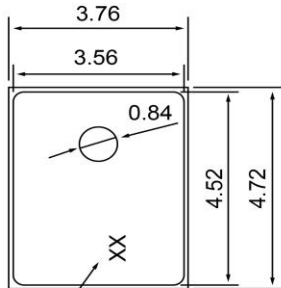


TOP VIEW

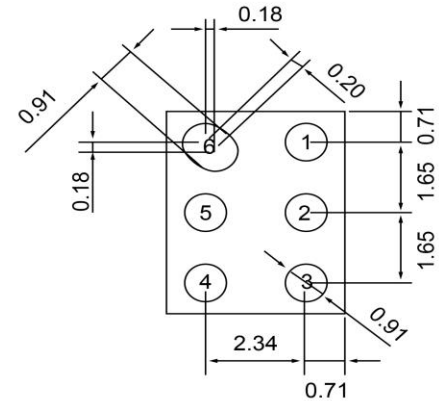


Identification Number

SIDE VIEW



BOTTOM VIEW



Specifications

| Description | Value | Unit |
|------------------------------------|--------------------|--------------|
| Directivity | Omnidirectional | |
| Technology | MEMS | |
| Sensitivity | -26 | (dB) |
| Frequency Range | 100 ~ 7,000 | (Hz) |
| Rated Voltage | 2.1 | (V) |
| Connection Method | Surface Mount Pads | |
| Voltage Range | 1.5 ~ 3.6 | (V) |
| Max Rated Current | 700 | (μ A) |
| Max Rated Current in SLEEP mode | 100 | (μ A) |
| Signal to Noise Ratio (A-weighted) | 58 | (dBA) |
| Operating Temperature | -40 ~ +100 | $^{\circ}$ C |
| Storage Temperature | -40 ~ +125 | $^{\circ}$ C |

Notes

- 1) All dimensions are in mm unless otherwise noted
- 2) All parts meet RoHS



Digital MEMS Microphone

Revision History

| Version | Description | Date | Approved | | |
|----------|---------------------------|------------|-----------|-------------|-----------|
| 1 | Released from Engineering | 2/18/2015 | J.S. | | |
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| Drawn by | Date | Checked by | Date | Approved by | Date |
| G.W. | 1/2/2015 | P.D. | 2/18/2015 | J.S. | 2/18/2015 |

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