



# International Components Corporation

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## MICRO MINIATURE LOW PROFILE ROUND SPEAKERS

**Part Number: S100RMSS**

|  |  |
|--|--|
| <b>MODEL NUMBER</b>                              | <b>S100RMSS</b>                            |
| <b>FRAME DIAMETER (MM)</b>                       | <b>28</b>                                  |
| <b>FRAME DEPTH (MM)</b>                          | <b>4.0</b>                                 |
| <b>MATERIAL - CONE / FRAME</b>                   | <b>MYLAR / ABS</b>                         |
| <b>MAGNET TYPE</b>                               | <b>RARE EARTH</b>                          |
| <b>MAGNET: SIZE (MM) - WEIGHT (OUNCES/GRAMS)</b> | <b>9.5 x 1.5</b>                           |
| <b>RATED POWER (WATTS): Nom. / Max.</b>          | <b>0.1 / 0.2</b>                           |
| <b>VOICE COIL IMPEDANCE (OHMS)</b>               | <b>8 ± 15% @ 1500 Hz</b>                   |
| <b>RESONANT FREQUENCY (Hz) Without Baffle</b>    | <b>530 ± 20%</b>                           |
| <b>FREQUENCY RESPONSE (Hz)</b>                   | <b>350 ~ 5,000 ± 10 dB</b>                 |
| <b>OUTPUT SOUND PRESSURE LEVEL (S.P.L.)</b>      | <b>78 ± 3 dB</b>                           |
| <b>MEASURED AT:</b>                              | <b>0.1W @ 0.5M</b>                         |
| <b>MEAN VALUE AT:</b>                            | <b>800, 1.0, 1.2, 1.5K Hz</b>              |
| <b>OPERATION (MUST BE NORMAL)</b>                | <b>PROGRAM SOURCE 0.1 W</b>                |
| <b>BUZZ &amp; RATTLES (MUST BE NORMAL)</b>       | <b>0.89 VOLTS - SINE WAVE</b>              |
| <b>DISTORTION @ RATED POWER INPUT</b>            | <b>10% MAXIMUM @ 500 Hz</b>                |
| <b>LOAD TEST (WHITE NOISE)</b>                   | <b>WEIGHTED FILTER @0.89V (RMS) 24 HRS</b> |
| <b>HUMIDITY TEST</b>                             | <b>N/A</b>                                 |

|   |             |
|---|-------------|
| <b>HEAT TEST</b>                          | N/A         |
| <b>OUTSIDE DIAMETER OF YOKE SEAT (MM)</b> | N/A         |
| <b>OUTSIDE DIAMETER (ELIMINATE RIM)</b>   | N/A         |
| <b>BAFFLE OPENING (MM)</b>                | 26.4        |
| <b>THICKNESS OF RIM (MM)</b>              | 3.05        |
| <b>NET WEIGHT (OUNCES/GRAMS)</b>          | 0.103 / 2.9 |

**POLARITY:**

**DIAPHRAGM SHALL MOVE FORWARD WHEN APPLYING A POSITIVE DC CURRENT TO THE "+" (OR MARKED) TERMINAL.**

**\*SPEAKER MUST MEET NORMAL OPERATION AND BUZZ & RATTLES SPECIFICATIONS**

■ **DIMENSIONS**

■ **TYPICAL FREQUENCY RESPONSE CURVE**

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