



# International Components Corporation

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## GENERAL PURPOSE ROUND SPEAKERS

**Part Number: S300RA**

<b>MODEL NUMBER</b>	<b>S300RA</b>
<b>FRAME DIAMETER (MM)</b>	<b>77</b>
<b>FRAME DEPTH (MM)</b>	<b>23.2</b>
<b>MATERIAL: CONE / FRAME</b>	<b>PAPER / METAL</b>
<b>MAGNET TYPE</b>	<b>ALNICO</b>
<b>MAGNET: SIZE (MM) / WEIGHT (OZ/GRAMS)</b>	<b>13 x 10 - 0.35 / 9.92</b>
<b>RATED POWER (WATTS): Nom. / Max.</b>	<b>0.25 / 0.5</b>
<b>VOICE COIL IMPEDANCE (OHMS)</b>	<b>8 ± 15% @ 1000 Hz 1V</b>
<b>RESONANT FREQUENCY (Hz) Without Baffle</b>	<b>250 ± 90</b>
<b>FREQUENCY RESPONSE (Hz)</b>	<b>Fo ~ 5000 ± 10 dB</b>
<b>OUTPUT SOUND PRESSURE LEVEL (S.P.L.)</b>	<b>90 ± 3 dB</b>
<b>MEASURED AT:</b>	<b>0.5W @ 50 CM</b>
<b>MEAN VALUE AT:</b>	<b>500, 600, 800, 1.0K Hz</b>
<b>OPERATION (MUST BE NORMAL)</b>	<b>PROGRAM SOURCE 0.5 W</b>
<b>BUZZ &amp; RATTLES (MUST BE NORMAL)</b>	<b>SINE WAVE 0.5 W</b>
<b>DISTORTION @ RATED POWER INPUT</b>	<b>5% MAXIMUM @ 1,000 Hz</b>
<b>LOAD TEST (WHITE NOISE)</b>	<b>0.25W @ 96 HOURS</b>
<b>HUMIDITY TEST*</b>	<b>40° ± 2°C 90% R.H. 96 HRS</b>

<b>HEAT TEST*</b>	<b>70° ± 2°C 50% R.H. 96 HRS</b>
<b>OUTSIDE DIAMETER OF YOKE SEAT (MM)</b>	<b>36.5 - YOKE SIZE: 22 x 14.2 x 12.5</b>
<b>OUTSIDE DIAMETER (ELIMINATE RIM)</b>	<b>71.3</b>
<b>BAFFLE OPENING (MM)</b>	<b>70</b>
<b>THICKNESS OF RIM (MM)</b>	<b>2.8</b>
<b>NET WEIGHT (OUNCES/GRAMS)</b>	<b>1.98 / 56.1</b>

**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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