



# International Components Corporation

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## GENERAL PURPOSE ROUND SPEAKERS

**Part Number: S275RA**

<b>MODEL NUMBER</b>	<b>S275RA</b>
<b>FRAME DIAMETER (MM)</b>	<b>70</b>
<b>FRAME DEPTH (MM)</b>	<b>21.8</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>0.4 / 0.6</b>
<b>VOICE COIL IMPEDANCE (OHMS)</b>	<b>8 ± 15% @ 1000 Hz 1V</b>
<b>RESONANT FREQUENCY (Hz) Without Baffle</b>	<b>280 ± 90</b>
<b>FREQUENCY RESPONSE (Hz)</b>	<b>F<sub>o</sub> ~ 5000 ± 10 dB</b>
<b>OUTPUT SOUND PRESSURE LEVEL (S.P.L.)</b>	<b>86 ± 3 dB</b>
<b>MEASURED AT:</b>	<b>0.5W @ 50 CM</b>
<b>MEAN VALUE AT:</b>	<b>800, 1K, 1.2K, 1.5K Hz</b>
<b>OPERATION (MUST BE NORMAL)</b>	<b>PROGRAM SOURCE 0.5W</b>
<b>BUZZ &amp; RATTLES (MUST BE NORMAL)</b>	<b>SINE WAVE 0.5W</b>
<b>DISTORTION @ RATED POWER INPUT</b>	<b>5% MAXIMUM @ 1,000 Hz</b>
<b>LOAD TEST (WHITE NOISE)</b>	<b>0.5W 8 HRS</b>
<b>HUMIDITY TEST*</b>	<b>40° ± 2°C 90% R.H. 48 HRS</b>

<b>HEAT TEST*</b>	<b>70° ± 2°C 50% R.H. 48 HRS</b>
<b>OUTSIDE DIAMETER OF YOKE SEAT (MM)</b>	<b>32.5</b>
<b>OUTSIDE DIAMETER (ELIMINATE RIM)</b>	<b>64.5</b>
<b>BAFFLE OPENING (MM)</b>	<b>64</b>
<b>THICKNESS OF RIM (MM)</b>	<b>3.0</b>
<b>NET WEIGHT (OUNCES/GRAMS)</b>	<b>1.62 / 45.7</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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