



# International Components Corporation

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## SUB-MINIATURE LOW PROFILE ROUND SPEAKERS

**Part Number: S150RMF**

<b>MODEL NUMBER</b>	<b>S150RMF</b>
<b>FRAME DIAMETER (MM)</b>	<b>40</b>
<b>FRAME DEPTH (MM)</b>	<b>9.5</b>
<b>MATERIAL - CONE / FRAME</b>	<b>MYLAR / ABS</b>
<b>MAGNET TYPE</b>	<b>FERRITE</b>
<b>MAGNET: SIZE (MM) - WEIGHT (OUNCES/GRAMS)</b>	<b>27 x 17 x 3</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>250 ± 20% TEST VOLTAGE 0.5V FREE FIELD</b>
<b>FREQUENCY RESPONSE (Hz)</b>	<b>180 ~ 5,500 ± 10 dB</b>
<b>OUTPUT SOUND PRESSURE LEVEL (S.P.L.)</b>	<b>75 ± 3 dB</b>
<b>MEASURED AT:</b>	<b>1W @ 0.5M</b>
<b>MEAN VALUE AT:</b>	<b>1.0, 1.2, 1.5, 2.0K Hz</b>
<b>OPERATION (MUST BE NORMAL)</b>	<b>PROGRAM SOURCE 0.1W</b>
<b>BUZZ &amp; RATTLES (MUST BE NORMAL)</b>	<b>0.9V SINE WAVE</b>
<b>DISTORTION @ RATED POWER INPUT</b>	<b>5% MAXIMUM @ 1,000 Hz</b>
<b>LOAD TEST (WHITE NOISE)</b>	<b>0.89 V 5 HRS</b>
<b>HUMIDITY TEST</b>	<b>N/A</b>

<b>HEAT TEST</b>	N/A
<b>OUTSIDE DIAMETER OF YOKE SEAT (MM)</b>	<b>29.6</b>
<b>OUTSIDE DIAMETER (ELIMINATE RIM)</b>	N/A
<b>BAFFLE OPENING (MM)</b>	<b>38</b>
<b>THICKNESS OF RIM (MM)</b>	<b>4.6</b>
<b>NET WEIGHT (OUNCES/GRAMS)</b>	<b>0.57 / 16</b>
	<b>40 ± 0.2</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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