



# International Components Corporation

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## SUB-MINIATURE LOW PROFILE ROUND SPEAKERS

**Part Number: S150RLS**

|  |                                  |
|--|----------------------------------|
| <b>MODEL NUMBER</b>                              | <b>S150RLS</b>                   |
| <b>FRAME DIAMETER (MM)</b>                       | <b>38</b>                        |
| <b>FRAME DEPTH (MM)</b>                          | <b>8.0</b>                       |
| <b>MATERIAL - CONE / FRAME</b>                   | <b>PAPER / METAL</b>             |
| <b>MAGNET TYPE</b>                               | <b>RARE EARTH</b>                |
| <b>MAGNET: SIZE (MM) - WEIGHT (OUNCES/GRAMS)</b> | <b>12.5 x 1.5 - 0.056 / 1.4</b>  |
| <b>RATED POWER (WATTS): Nom. / Max.</b>          | <b>0.1 / 0.2</b>                 |
| <b>VOICE COIL IMPEDANCE (OHMS)</b>               | <b>8 ± 15% @ 1000 Hz 1V</b>      |
| <b>RESONANT FREQUENCY (Hz) Without Baffle</b>    | <b>700 ± 20%</b>                 |
| <b>FREQUENCY RESPONSE (Hz)</b>                   | <b>Fo - 3,000 ± 10 dB</b>        |
| <b>OUTPUT SOUND PRESSURE LEVEL (S.P.L.)</b>      | <b>85 ± 3 dB</b>                 |
| <b>MEASURED AT:</b>                              | <b>0.2W @ 50CM</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 0.2W</b>       |
| <b>BUZZ &amp; RATTLES (MUST BE NORMAL)</b>       | <b>0.2W SINE WAVE</b>            |
| <b>DISTORTION @ RATED POWER INPUT</b>            | <b>5% MAXIMUM @ 1,000 Hz</b>     |
| <b>LOAD TEST (WHITE NOISE)</b>                   | <b>0.2 W 5 HRS</b>               |
| <b>HUMIDITY TEST</b>                             | <b>40° + 2°C 90% R.H. 48 HRS</b> |

|   |  |
|---|--|
| <b>HEAT TEST</b>                          | <b>40° + 2°C 50% R.H. 48 HRS</b>       |
| <b>OUTSIDE DIAMETER OF YOKE SEAT (MM)</b> | <b>24 - YOKE SIZE: 17 x 14.2 x 3.5</b> |
| <b>OUTSIDE DIAMETER (ELIMINATE RIM)</b>   | <b>35</b>                              |
| <b>BAFFLE OPENING (MM)</b>                | <b>35</b>                              |
| <b>THICKNESS OF RIM (MM)</b>              | <b>2.2</b>                             |
| <b>NET WEIGHT (OUNCES/GRAMS)</b>          | <b>0.37 / 10.4</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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