



# International Components Corporation

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## SUB-MINIATURE LOW PROFILE ROUND SPEAKERS

**Part Number: S125RMF**

|  |                                     |
|--|-------------------------------------|
| <b>MODEL NUMBER</b>                              | <b>S125RMF</b>                      |
| <b>FRAME DIAMETER (MM)</b>                       | <b>29</b>                           |
| <b>FRAME DEPTH (MM)</b>                          | <b>8.5</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>16 x 7 x 5</b>                   |
| <b>RATED POWER (WATTS): Nom. / Max.</b>          | <b>0.1 / 0.2</b>                    |
| <b>VOICE COIL IMPEDANCE (OHMS)</b>               | <b>8 ± 15%</b>                      |
| <b>RESONANT FREQUENCY (Hz) Without Baffle</b>    | <b>710 ± 20%</b>                    |
| <b>FREQUENCY RESPONSE (Hz)</b>                   | <b>F<sub>o</sub> - 4000 ± 10 dB</b> |
| <b>OUTPUT SOUND PRESSURE LEVEL (S.P.L.)</b>      | <b>80 ± 3 dB</b>                    |
| <b>MEASURED AT:</b>                              | <b>1W @ 1M</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>0.89V SINE WAVE</b>              |
| <b>DISTORTION @ RATED POWER INPUT</b>            | <b>10% MAXIMUM @ 1,500 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>14 - VOICE COIL = 5.9</b> |
| <b>OUTSIDE DIAMETER (ELIMINATE RIM)</b>   | N/A                          |
| <b>BAFFLE OPENING (MM)</b>                | <b>27.5</b>                  |
| <b>THICKNESS OF RIM (MM)</b>              | <b>4.7</b>                   |
| <b>NET WEIGHT (OUNCES/GRAMS)</b>          | <b>0.29 / 8.2</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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