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Product: **GENERAL PURPOSE ROUND SPEAKER**  
Description: **ROHS COMPLIANT**  
Part Number: **S225RA-V**

**SPECIFICATIONS:**

|   |                 |
|---|-----------------|
| FRAME DIAMETER:                         | 57.0 mm         |
| FRAME DEPTH:                            | 19.5 mm         |
| MATERIAL - CONE/FRAME:                  | PAPER / METAL   |
| MAGNET TYPE:                            | RARE EARTH      |
| MAGNET: SIZE (MM) - WEIGHT (OZ/GRAMS):  | 13 x 10 - 0.3   |
| RATED POWER (WATTS): Nom. / Max:        | 0.20 / 0.50     |
| VOICE COIL IMPEDANCE:                   | 8 ± 15%         |
| RESONANT FREQUENCY (Hz) Without Baffle: | 400 ± 20%       |
| FREQUENCY RESPONSE (Hz):                | Fo ~ 4500       |
| OUTPUT SOUND PRESSURE LEVEL (SPL):      | 83 ± 3 dB       |
| MEASURED AT:                            | 0.2 W @ 50 CM   |
| MEAN VALUE AT:                          | 800, 1000, 1200 |
| OPERATION (MUST BE NORMAL):             | PROGRAM SOURCE  |
| BUZZ & RATTLES (MUST BE NORMAL):        | SINE WAVE 0.2 W |
| DISTORTION @ RATED POWER INPUT):        | 5% MAXIMUM @ 1, |
| LOAD TEST (WHITE NOISE):                | 0.1 W @ 96 HOUR |
| HUMIDITY TEST:                          | 40° ± 2°C 90~95 |
| HEAT TEST:                              | 70° ± 2°C 50% R |
| OUTSIDE DIAMETER OF YOKE SEAT (MM):     | 30.8 - YOKE SIZ |
| OUTSIDE DIAMETER (ELIMINATE RIM):       | 57.0 mm         |
| BAFFLE OPENING (MM):                    | 51.5 mm         |
| THICKNESS OF RIM (MM):                  | 2.3 mm          |
| NET WEIGHT (OUNCES/GRAMS):              | 1.41 / 40.0     |

**COMMENTS:**

\*Speaker MUST meet normal operation and Buzz & Rattles specifications.  
These speakers are available, on a special order basis, in 4, 16, 32, 45 and 100 ohms.

**DIMENSIONS:**

