



International Components Corporation

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GENERAL PURPOSE ROUND SPEAKERS

Part Number: S250RA

MODEL NUMBER	S250RA
FRAME DIAMETER (MM)	66
FRAME DEPTH (MM)	21
MATERIAL: CONE / FRAME	PAPER / METAL
MAGNET TYPE	ALNICO
MAGNET: SIZE (MM) / WEIGHT (OZ/GRAMS)	13 x 10 - 0.35 / 9.92
RATED POWER (WATTS): Nom. / Max.	0.2 / 0.3
VOICE COIL IMPEDANCE (OHMS)	8 ± 15% @ 1000 Hz 1V
RESONANT FREQUENCY (Hz) Without Baffle	290 ± 40
FREQUENCY RESPONSE (Hz)	F_o ~ 5000 ± 10 dB
OUTPUT SOUND PRESSURE LEVEL (S.P.L.)	86 ± 3 dB
MEASURED AT:	0.3W @ 50 CM
MEAN VALUE AT:	500, 600, 800, 1.0K Hz
OPERATION (MUST BE NORMAL)	PROGRAM SOURCE 0.3 W
BUZZ & RATTLES (MUST BE NORMAL)	SINE WAVE 0.3 W
DISTORTION @ RATED POWER INPUT	5% MAXIMUM @ 1,000 Hz
LOAD TEST (WHITE NOISE)	0.3W @ 5 HOURS
HUMIDITY TEST*	70° ± 2°C 90% R.H. 48 HRS

HEAT TEST*	40° ± 2°C 50% R.H. 48 HRS
OUTSIDE DIAMETER OF YOKE SEAT (MM)	30.8 - YOKE SIZE: 22 x 14.2 x 12.5
OUTSIDE DIAMETER (ELIMINATE RIM)	60.2
BAFFLE OPENING (MM)	60
THICKNESS OF RIM (MM)	2.3
NET WEIGHT (OUNCES/GRAMS)	1.51 / 42.8

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