



International Components Corporation

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GENERAL PURPOSE SQUARE SPEAKER

Part Number: S250SA

MODEL NUMBER	S250SA
FRAME DIAMETER (MM)	66.5 x 66.5
FRAME DEPTH (MM)	21.4
MATERIAL: CONE / FRAME	PAPER / METAL
MAGNET TYPE	ALNICO
MAGNET: SIZE (MM) / WEIGHT (OUNCES/GRAMS)	13 x 10 - 0.35 / 9.92
RATED POWER (WATTS): Nom. / Max.	0.5 / 0.8
VOICE COIL IMPEDANCE (OHMS)	8 ± 15% @ 1000 Hz 1V
RESONANT FREQUENCY (Hz) Without Baffle	350 ± 50
FREQUENCY RESPONSE (Hz)	Fo ~ 5000 ± 10 dB
OUTPUT SOUND PRESSURE LEVEL (S.P.L.)	91 ± 3 dB
MEASURED AT:	0.8W @ 50 CM
MEAN VALUE AT:	500, 600, 800, 1.0K Hz
OPERATION (MUST BE NORMAL)	PROGRAM SOURCE 0.8 W
BUZZ & RATTLES (MUST BE NORMAL)	SINE WAVE 0.8 W
DISTORTION @ RATED POWER INPUT	5% MAXIMUM @ 1,000 Hz
LOAD TEST (WHITE NOISE)	0.5W @ 5 HOURS
HUMIDITY TEST*	40° ± 2°C 50% R.H. 48 HRS

HEAT TEST*	40° ± 2°C 50% R.H. 48 HRS
OUTSIDE DIAMETER OF YOKE SEAT (MM)	32 - YOKE SIZE: 22 x 14.2 x 12.5
OUTSIDE DIAMETER (ELIMINATE RIM)	60.2
BAFFLE OPENING (MM)	60.0
THICKNESS OF RIM (MM)	3.0
NET WEIGHT (OUNCES)	1.65 / 46.8
MOUNTING DIMENSIONS/DIAGONAL (MM)	73.5 - HOLE SIZE: 4.5 x 6

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



