



International Components Corporation

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GENERAL PURPOSE SQUARE SPEAKER

Part Number: S300SA

MODEL NUMBER	S300SA
FRAME DIAMETER (MM)	77 x 77
FRAME DEPTH (MM)	25
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.	0.25 / 0.5
VOICE COIL IMPEDANCE (OHMS)	8 ± 15% @ 1000 Hz 1V
RESONANT FREQUENCY (Hz) Without Baffle	250 ± 50
FREQUENCY RESPONSE (Hz)	Fo ~ 5000 ± 10 dB
OUTPUT SOUND PRESSURE LEVEL (S.P.L.)	90 ± 3 dB
MEASURED AT:	0.5W @ 50 CM
MEAN VALUE AT:	500, 600, 800, 1.0K Hz
OPERATION (MUST BE NORMAL)	PROGRAM SOURCE 0.5 W
BUZZ & RATTLES (MUST BE NORMAL)	SINE WAVE 0.5 W
DISTORTION @ RATED POWER INPUT	5% MAXIMUM @ 1,000 Hz
LOAD TEST (WHITE NOISE)	0.5W @ 96 HOURS
HUMIDITY TEST*	40° ± 2°C 50% R.H. 96 HRS

HEAT TEST*	70° ± 2°C 50% R.H. 96 HRS
OUTSIDE DIAMETER OF YOKE SEAT (MM)	36.5 - YOKE SIZE: 22 x 14.2 x 12.5
OUTSIDE DIAMETER (ELIMINATE RIM)	71.3
BAFFLE OPENING (MM)	70
THICKNESS OF RIM (MM)	2.8
NET WEIGHT (OUNCES)	1.98 / 56.4
MOUNTING DIMENSIONS/DIAGONAL (MM)	85.5 - HOLE SIZE: 4.6
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

■ TYPICAL FREQUENCY RESPONSE CURVE

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