

MILITARY SPECIFICATION SHEET
LOUDSPEAKER, PERMANENT MAGNET,
(UNENCASED, 12-INCH DIAMETER CONE)

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The complete requirements for acquiring the loudspeaker described herein shall consist of this specification and the latest issue of MIL-L-10911.

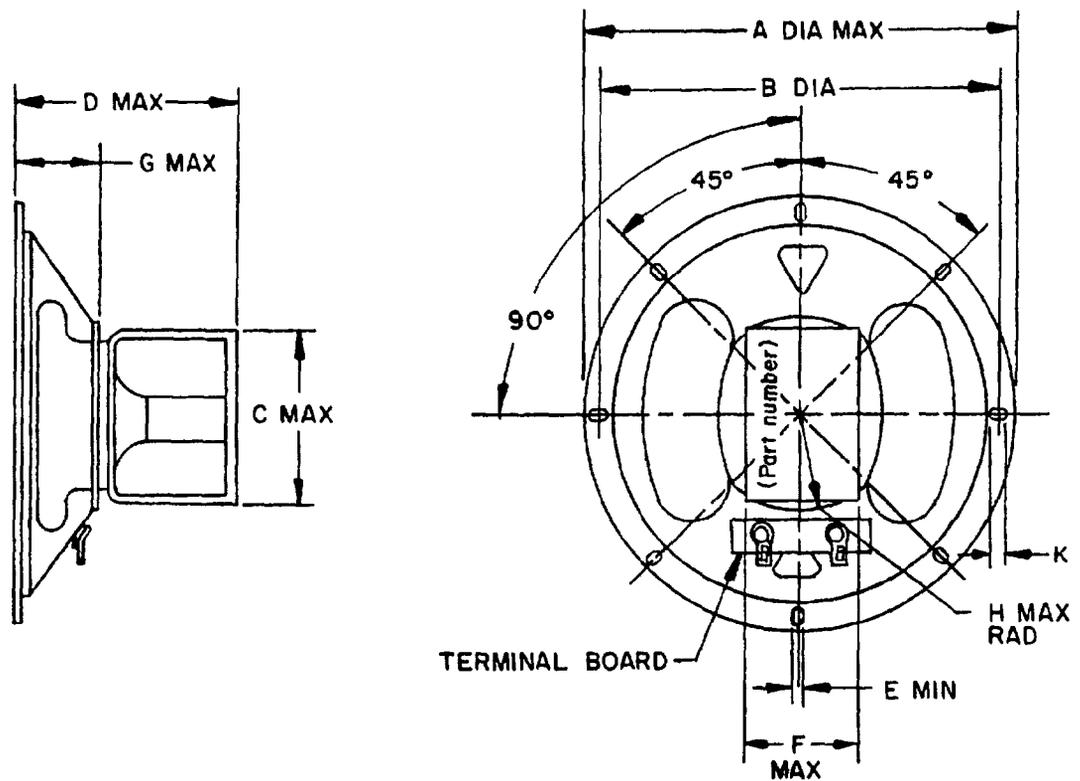


FIGURE 1. Loudspeaker,

Part No. M 10911/5	Dimensions									Maximum weight
	A	B	C	D	E	F	G	H	K	
-01 & -02	12.25	11.562		6.50	.250				.375 ± .003	5

INCHES	MM
.003	.08
.250	6.35
.375	9.53
6.50	165.10
11.562	293.67
12.00	304.80
12.25	312.15

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1 inch = 25.4 mm.
3. Unless otherwise specified, tolerances are ±.005 (.13 mm) for three place decimals, ±.02 (.51 mm) for two place decimals, and ±0° 30' on angles.

FIGURE 1. Loudspeaker - Continued.**REQUIREMENTS:****Design and construction:**

Dimensions and configuration: See figure 1.

Baffle for measuring frequency response, harmonic distortion, and vibration: 36 inches square acoustical baffle, 1/2 inch thick celotex as supplied by the Celotex Corporation, Chicago, Illinois, or equal.

Power capacity: 14 watts, rms.

Peak power capacity: 20 watts, rms.

Voice coil impedance:

Dash number 01: 4-8 ohms.

Dash number 02: 45 ohms.

Frequency response range: 150 to 7,000 Hz.

Frequency response: 106 dB minimum within 150 to 7,000 Hz. The response in the range of 150 to 75 Hz shall not fall off at a rate greater than 6 dB per octave from the response obtained at 150 Hz.

Marking:

Part number: See figure 1.

Revision letters are not used to denote changes due to the extensiveness of the changes.

NOTE: Impedance variations may be accomplished by either the use of voice coils wound to meet the specified impedance, or the installation of impedance matching transformers providing other performance characteristics are not adversely affected.

Custodians:

Army - CR
Navy - EC
Air Force - 85

Preparing activity:

Army - CR

(Project 5965-0176-6)

Review activities:

Army - ER
Navy - OS, SH
Air Force - 13, 11
DLA - ES

User activities:

Army - AT, AV, ME, MI, AR
Navy - AS, MC
Air Force - 17

Agent:

DLA - ES