A RAMI TECHNOLOGY Company

Speaker

RSP-360093-NS1

General Description

36mm OD x 9.3mm Round Speaker

ELECTRICAL SPECIFICATIONS

PARAMETERS			VALUE	UNIT
Nominal Impedance		@1 kHz	32±15%	Ω
Rated Power			20	mW
Power, max			30	mW
Sound Output	@ 1kHz(0dB=20μPa) at 178mV (sine wave) measured with IEC318 coupler		110±3	dB
High Temperature Reliability		Function for 96 hours	+60 ±2	˚C
Low Temperature Reliability		Function for 96 hours	-20 ±2	˚C
Humidity		@ 40 ±2 ˚C, R.H 96 hours	90~95	%
Life Test		@ Receiver mode: White noise(EIA filter) @1mW input power	24	h
Operating Temperature Range			-20 ~ +60	˚C
Storage Temperature Range			-20 ~ +60	˚C
Description			PCB	-
Case			Plastic	-
Diaphragm			Transparent Composite Cone	-
Weight, typ			14.65	g
Thermal Shock		-40±2˚C, 30min +20±2˚C ,15min +60±2˚C ,30min +20±2˚C ,15min	5	cycles
Vibration	@ 10 to 50Hz of vibration frequency to each of 3 perpendicular direction for 2 hrs.		1.5	mm
Shock	@ Shock for each mutually perpendicular directions, half sine wave, 3 times each		98	m/s^2

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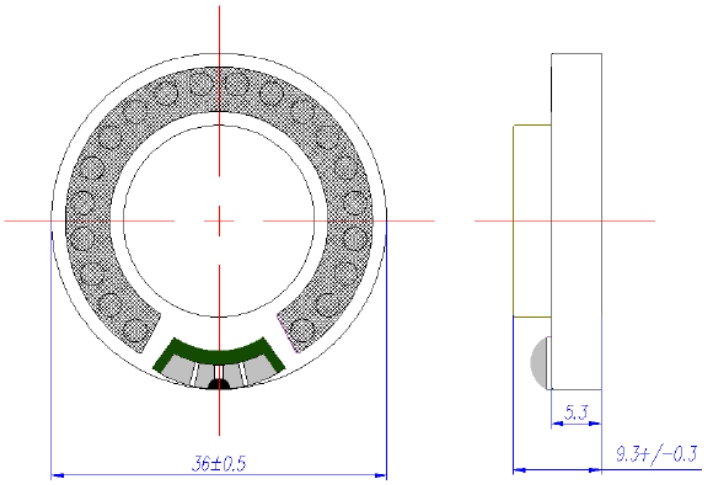
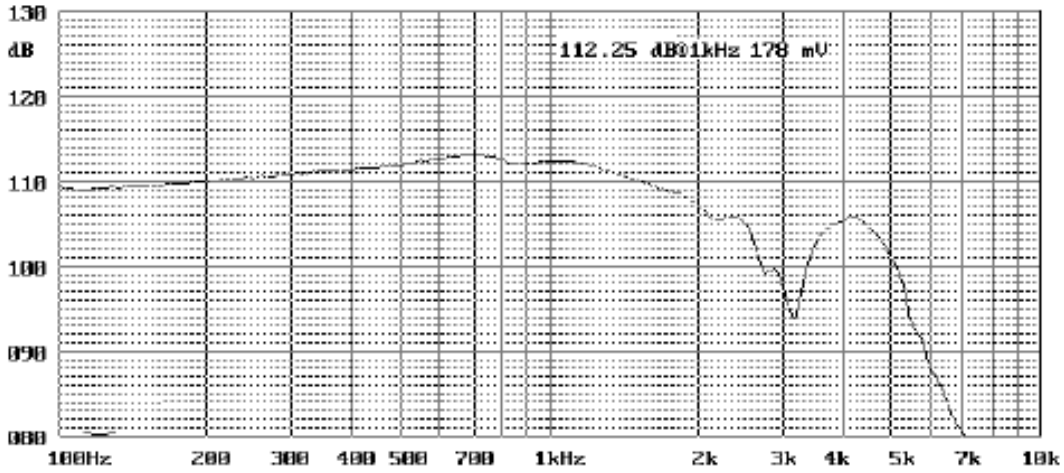
DIMENSIONS



Unit: mm

FREQUENCY CHARACTERISTICS



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APPROVAL

DRAWN BY	AR, December 27, 2023
APPROVED BY	CP, December 27, 2023
REVISION	A, Initial Release