

General Description

10mm OD x 2.8mm Round Speaker



IP67

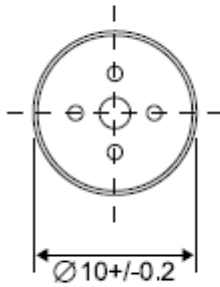


ELECTRICAL SPECIFICATIONS

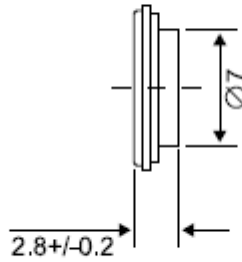
Parameters			Value	Unit
Resonant Frequency (Fo)	@ 1V		1300 ±20%	Hz
Frequency Response			Fo ~ 6	kHz
Rated Input Power, max			0.3	W
Input Power, max			0.5	W
Dimension			10 x 7.0 ±0.2	mm
Height			2.8 ±0.2	mm
Output S.P.L.	@ 0.1W / 0.1m ave. 0.8, 1.0, 1.5kHz		81±3	dB
Impedance	@ 2kHz/ 1V		8 ±15%	Ω
Operating Temperature Range			-20~ +60	°C
Storage Temperature Range			-30 ~ +70	°C
Case Material			Metal	-
Magnet			Internal Magnet - NdFeB	-
Weight			1.5±8%	g
Reliability	Buzz & Rattle	Must be normal at sine, Fo ~ 5kHz]	1.55	V
	Load Test	Must be normal, white noise, 24hours	0.3	W
	Heat Test	Must be normal, 24hours	+70±3	°C
	Cold Test	Must be normal, 24hours	-30±3	°C
	Humidity Test	+40±3°C. for 24h	92 ~ 95	%
IP Rating			IP67	-

Dimensions

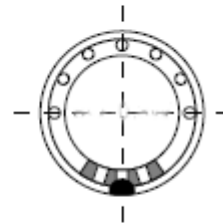
TOP VIEW



SIDE VIEW



BOTTOM VIEW



All dimensions are in mm
Unspecified Tolerance are +/-0.5mm

APPROVAL

DRAWN BY	AR, November 15, 2023
APPROVED BY	CP, November 15, 2023
REVISION	A, Initial Release



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