

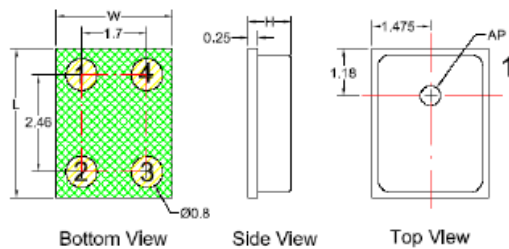
MEMS-Mikrofon MS4.3-42 IP67

Art.-Nr.: 200640

Specifications :

TYPE	UNIT	MS4.3-42
Sensitivity (0dB=1V/Pa. 1kHz)	dB	-42±3
Directivity		Omnidirectional
Output impedance	Ohm	100@1KHz, 0dB=1V/Pa
Current consumption	mA	0.14
Supply voltage	V	1.5-3.3 (3.0)
Typical input referred noise	dB SPL	35 (A-weighted)
Signal to noise ratio	dB	59
Maximum input sound level	dB	At 100dB SPL, THD<1% At 114dB SPL, THD<=10%
Operating temperature	°C	-30 ~ +100°

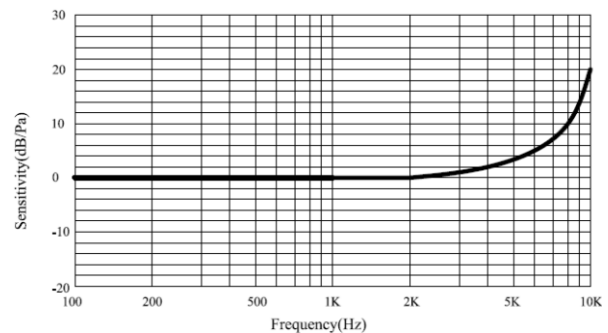
Dimensions :
(Unit: mm)



Item	Dim.	Tol. (±)	Units	Pin Output	
Height (H)	1.1	0.10	mm	Pin #	Function
Length (L)	3.78	0.10	mm	1	Power
Width (W)	2.95	0.10	mm	2	Ground
Weight	0.023	0.005	g	3	Ground
Acoustic Port (AP)	0.5	0.10	mm	4	Output



Typical Frequency Response Curve :



Measurement Circuit :

