



Omnidirectional Electret Condenser Microphone Specification

Series P6027

Model Number: P6027PD423LF

Version 1.0

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1. ELECTRICAL SPECIFICATIONS



Model No.: P6027PD423LF

Description: MIC OMN 6027 2V 2.2KR 42/3 RoHS

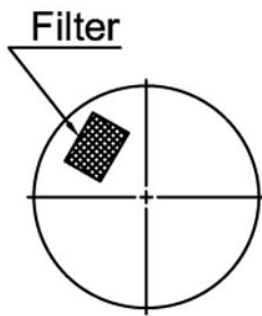
MODEL NO.		P6027PD423LF
DIAMETER (A) ± 0.1	mm	$\varnothing 6.0$
HEIGHT (B) ± 0.2	mm	2.7
SENSITIVITY (0 dB = 1V / Pa) AT 1K Hz	dB	- 42.0 \pm 3.0
DIRECTIVITY		OMNIDIRECTIONAL
POWER SUPPLY (Vs)	V	2.0
RESISTANCE LOADING (RL)	Ω	2.2 K
OPERATING VOLTAGE RANGE	V	1.0 ~ 10.0
MAX. CURRENT	mA	0.5
TERMINAL		NIL
HOUSING MATERIAL		ALUMINUM
S / N RATIO	dB	MORE THEN 60.0
FREQUENCY RANGE	Hz	50 ~ 16000

2. PHYSICAL DIMENSION

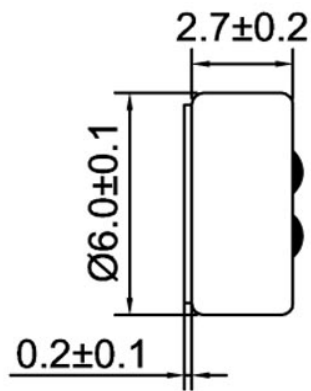


All dimensions stated are in mm

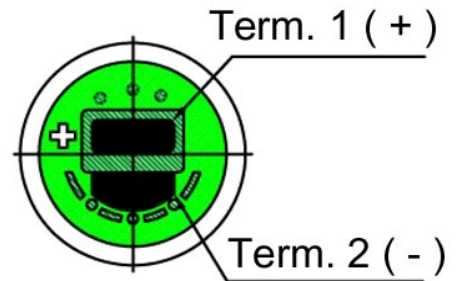
TOP VIEW



SIDE VIEW

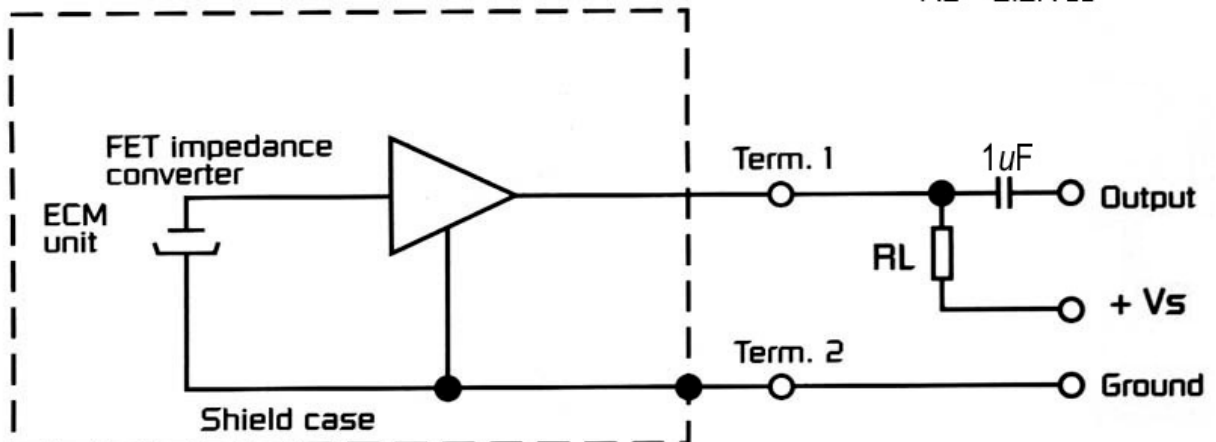


BOTTOM VIEW



SCHEMATIC DIAGRAM

$V_s = 2V$
 $R_L = 2.2K \Omega$



Revision History

Revision	Date	Description
1.0	2011.04	Modify PCB Draw

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