

Address:
 BLOCK 1, DEHUINA INDUSTRIAL DISTRICT,
 MINGZHI RD LONGHUA, SHENZHEN,
 GUANGDONG, CHINA 518131

TEL: (86) 755-8192552 8190943
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 E-mail: szwwiner @ public.szptt.net.cn
 HOME PAGE: www.globalsources. com/hornmic.co

CUSTOMER: Digi-Key Corporation


APPROVE SHEET

PRODUCT NAME	TYPE	DIMENSION	
Electret Condenser Microphone	EM6027PA-42	Ø6.0x2.7(mm)	Pin Type

APPROVED : 李 華 DATE: 2000.11.25

CHECKED BY: 陳 為 波 DATE: 2000.11.25

ISSUED BY: 陳 為 波 DATE: 2000.11.25



APPROVED BY:

DATE:

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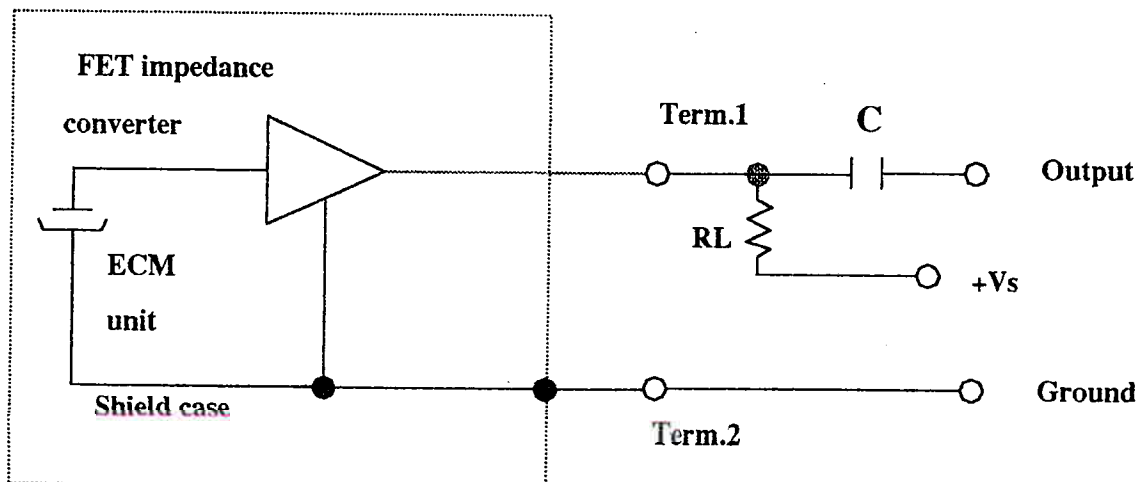
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SPECIFICATION

Item	Symbol	Test conditions	Min	Standard	Max	Unit
Sensitivity	S	f=1KHz. Pin=1ubar	-45	-42	-39	dB 0dB=1V/Pa
Directivity	Omni directional					
Impedance	Zout				2.2	KΩ
Current consumption	I	f=1KHz. Pin=1ubar			500	uA
Sensitivity reduction	ΔS	f=1KHz. Pin=1ubar Vs=4.5→1.5V			-3	dB
S/N ratio	S/N(A)	f=1KHz. Pin=1ubar A=curve	40			dB

Measurement Circuit (Test Condition Vs=4.5V RL=2.2KΩ)

Ta=20°C R.H=65%)

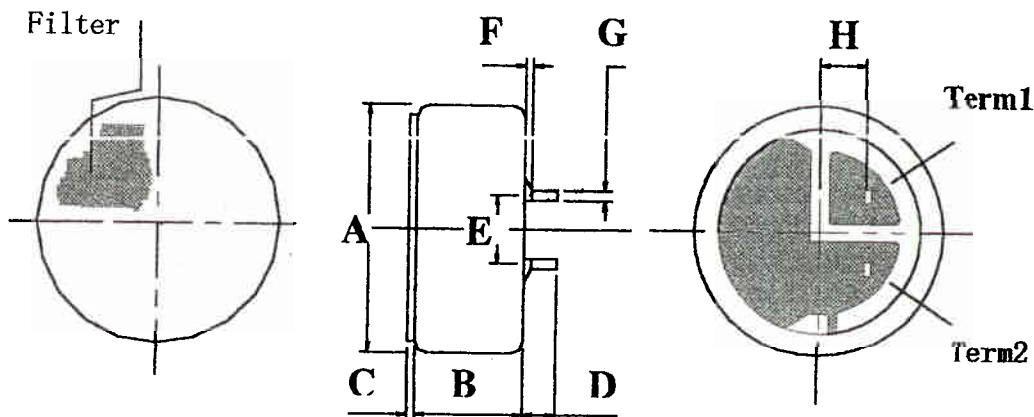


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Dimensional Drawing

unit: mm



PART	MIN	TYPE	MAX	REMARK
A	Ø5.9	Ø6	Ø6.1	
B	2.5	2.7	2.9	
C	-	-	0.2	
D	0.7	0.9	1.1	
E	-	1.9	-	
F	-	-	0.3	
G	-	-	0.5	
H	-	0.8	-	

Typical Frequency Response Curve

