

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

TEL: (86) 755-8192552 8190943
FAX: (86) 755-8192557
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	EM6027-42	Ø6.0×2.7(mm)	

APPROVED :

李 军

DATE: 2000.11.25

CHECKED BY:

陈... 浪

DATE: 2000.11.25

ISSUED BY:

陳為波

DATE:



APPROVED BY:

DATE:

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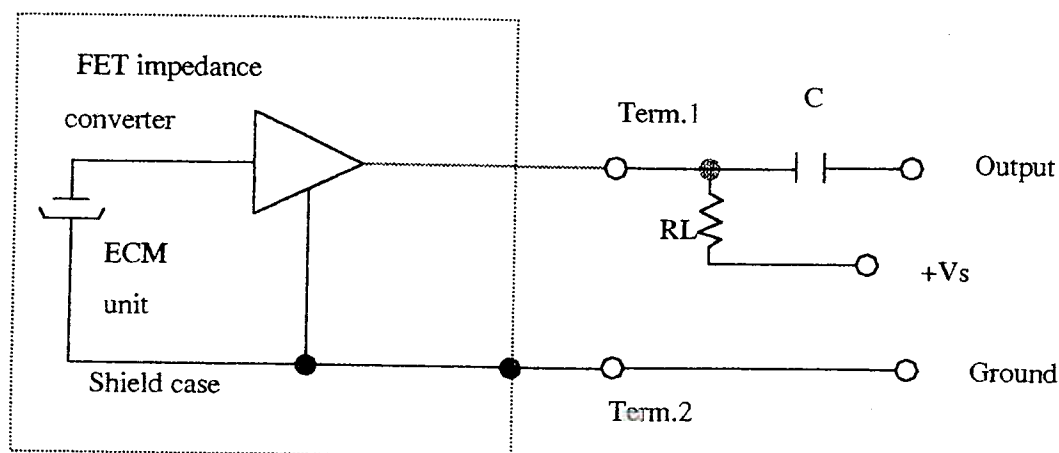
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SPECIFICATION

Item	Symbol	Test conditions	Min	Standard	Max	Unit
Sensitivity	S	f=1KHz. Pin=1ubar	-45	-42	-39	dB 0dB=1V/Pa
Directivity		Omnidirectional				
Impedance	Zout				2.2	K Ω
Current consumption	I	f=1KHz. Pin=1ubar			500	uA
Sensitivity reduction	ΔS	f=1KHz. Pin=1ubar. $V_s=4.5 \rightarrow 1.5V$			-3	dB
S/N ratio	S/N(A)	f=1KHz. Pin=1ubar. A=curve	40			dB

Measurement Circuit (Test Condition $V_s=4.5V$ $R_L=2.2K\Omega$)

$T_a=20^\circ C$ $R.H=65\%$)

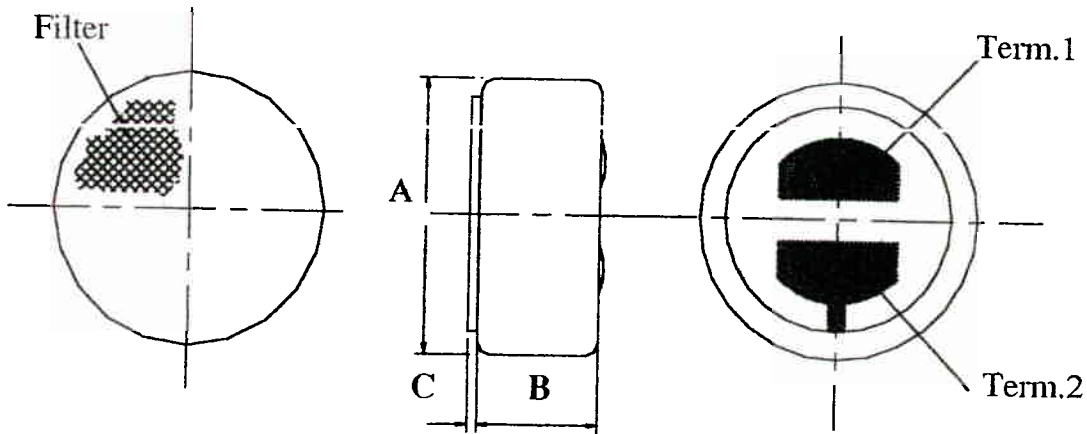


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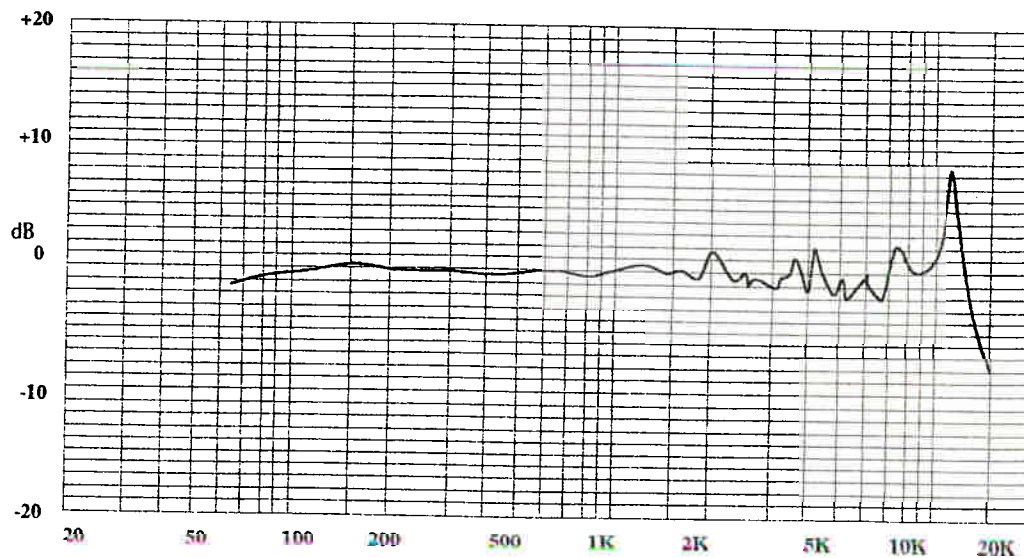
Dimensional Drawing

unit: mm



PART	MIN	TYPE	MAX	REMARK
A	Ø5.9	Ø6.0	Ø6.1	
B	2.5	2.7	2.9	
C	-	-	0.2	

Typical Frequency Response Curve



Frequency(Hz)