

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	EM6050-44	Ø6.0×5.0(mm)	

APPROVED :

李軍

DATE: 2000.11.25

CHECKED BY:

阿心潔

DATE: 2000.11.25

ISSUED BY:

陳為波

DATE:



APPROVED BY:

DATE:

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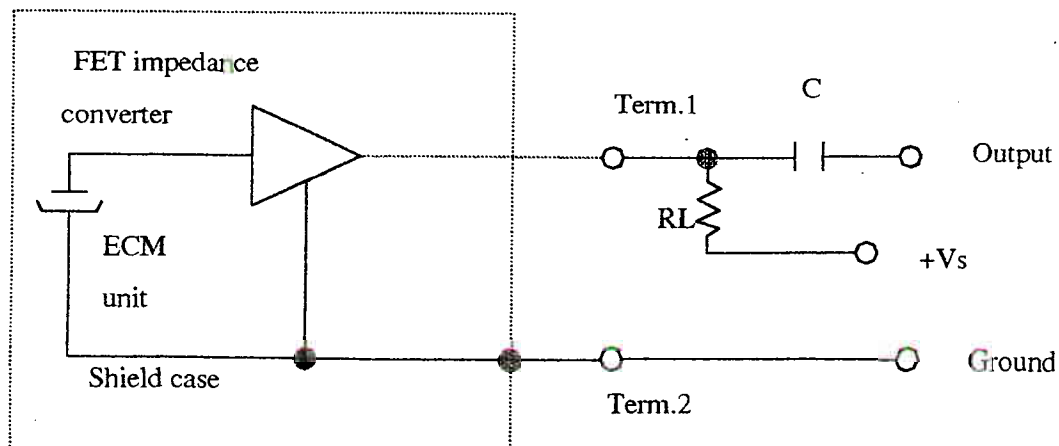
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## SPECIFICATION

Item	Symbol	Test conditions	Min	Standard	Max	Unit
Sensitivity	S	f=1KHz. Pin=1ubar	-47	-44	-41	dB <small>0dB=1V/P<sub>s</sub></small>
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 <sub>S</sub> =4.5V→1.5V			-3	dB
S/N ratio	S/N(A)	f=1KHz. Pin=1ubar. A=curve	40			dB

### Measurement Circuit (Test Condition V<sub>S</sub>=4.5V R<sub>L</sub>=2.2KΩ)

T<sub>a</sub>=20°C R.H=65%)



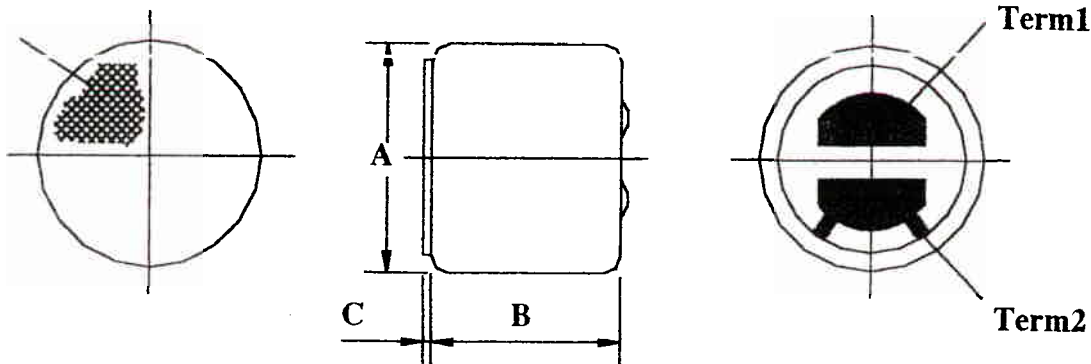
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## Dimensional Drawing

unit: mm

Filter



PART	MIN	TYPE	MAX	REMARK
A	Ø5.8	Ø6.0	Ø6.2	
B	4.8	5.0	5.2	
C	-	-	0.2	

## Typical Frequency Response Curve

