

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	EM6027-42	Ø6.0x2.7(mm)	

APPROVED : 李 军                      DATE: 2000.11.25

CHECKED BY: 阿 小 波                      DATE: 2000.11.25

ISSUED BY: 陳為波                      DATE: 2000/11/23



**APPROVED BY:**

DATE:

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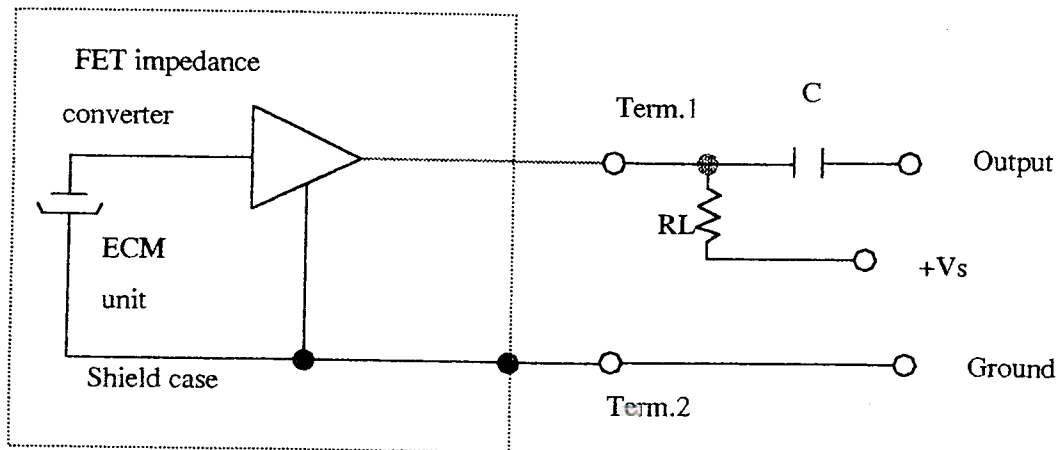
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## SPECIFICATION

Item	Symbol	Test conditions	Min	Standard	Max	Unit
Sensitivity	S	f=1KHz. Pin=1ubar	-45	-42	-39	dB <small>0dB=1V/Pa</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. 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%)

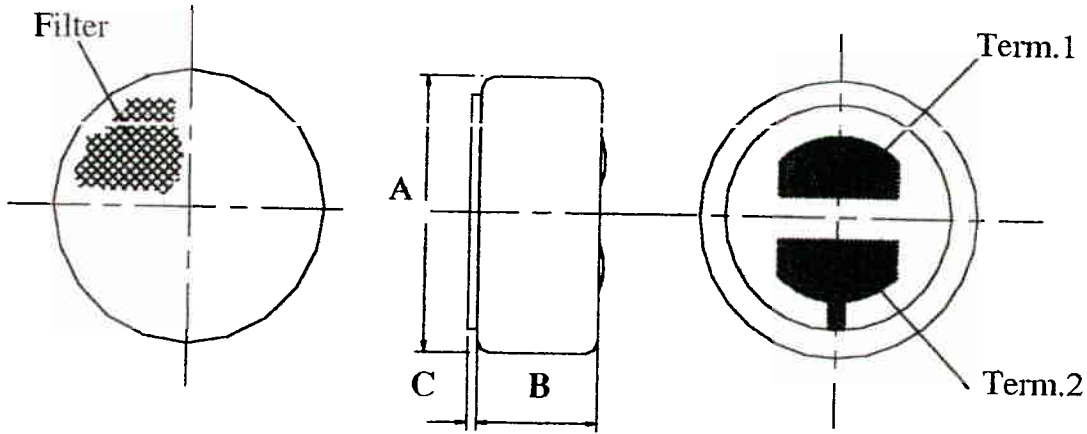


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**Dimensional Drawing**

**unit: mm**



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

**Typical Frequency Response Curve**

