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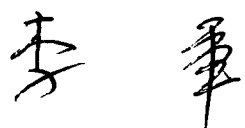
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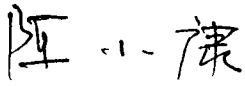
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 FAX: (86) 755-8192557  
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 HOME PAGE: www.globalsources.com/hornmic.co

**CUSTOMER: Digi-Key Corporation**


**APPROVE SHEET**

PRODUCT NAME	TYPE	DIMENSION	
Electret Condenser Microphone	EM6050-42	Ø6.0x5.0(mm)	

APPROVED :  DATE: 2000.11.25.

CHECKED BY:  DATE: 2000.11.25

ISSUED BY: 陳為波 DATE: 2000/11/22



APPROVED BY:

DATE:

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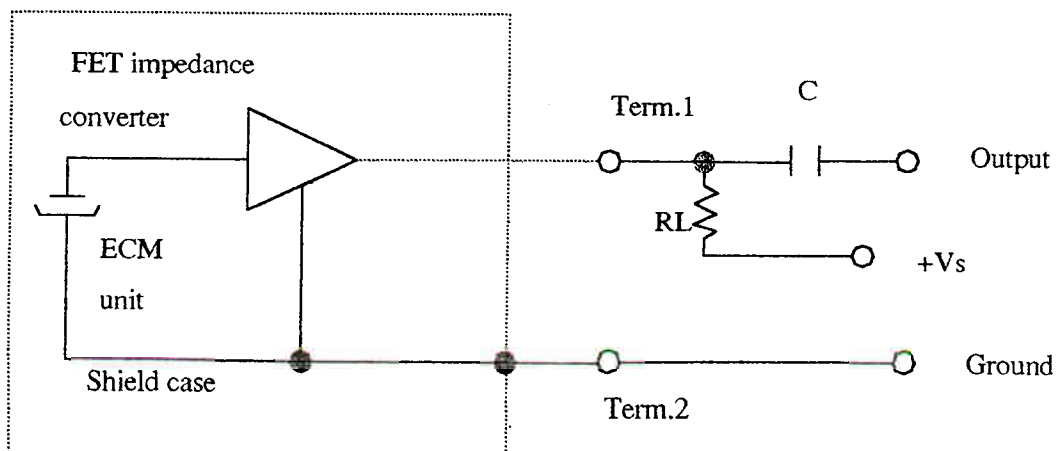
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## SPECIFICATION

Item	Symbol	Test conditions	Min	Standard	Max	Unit
Sensitivity	S	f=1KHz. Pin=1ubar	-47	-44	-41	dB <small>0dB=1V/ubar</small>
Directivity	Omnidirectional					
Impedance	Zout				2.2	KΩ
Current consumption	I	f=1KHz. Pin=1ubar			500	uA
Sensitivity reduction	ΔS	f=1KHz. Pin=1ubar. Vs=2→1.5V			-3	dB
S/N ratio	S/N(A)	f=1KHz. Pin=1ubar. A=curve	60			dB

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

Ta=20℃ R.H=65%)



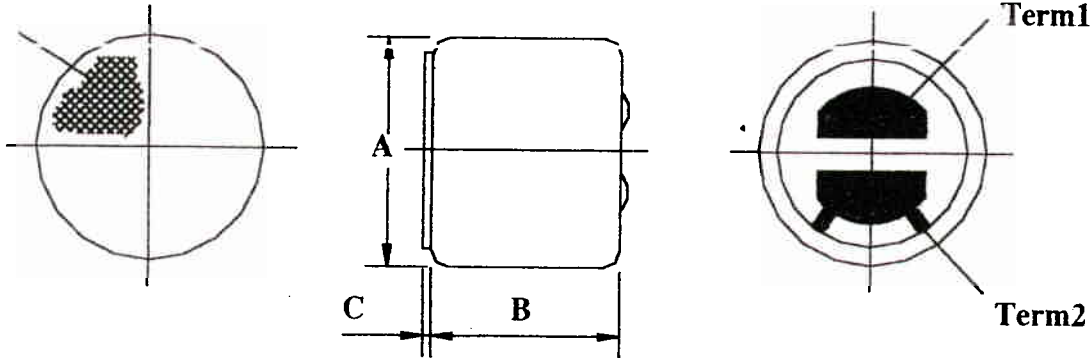
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## Dimensional Drawing

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

