

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

TEL: (86) 755-8192552 8190943  
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HOME PAGE://www.globalsources.com/hornmic.co

**CUSTOMER: Digi-Key Corporation**

**APPROVE SHEET**

PRODUCT NAME	TYPE	DIMENSION	
Electret Condenser Microphone	EM9752U-47	Ø9.7x5.2(mm)	

APPROVED : 李 军 DATE: 2000. 11. 25

CHECKED BY: 阿 小 康 DATE: 2000. 11. 25

ISSUED BY: 陳為波 DATE:



APPROVED BY

DATE:

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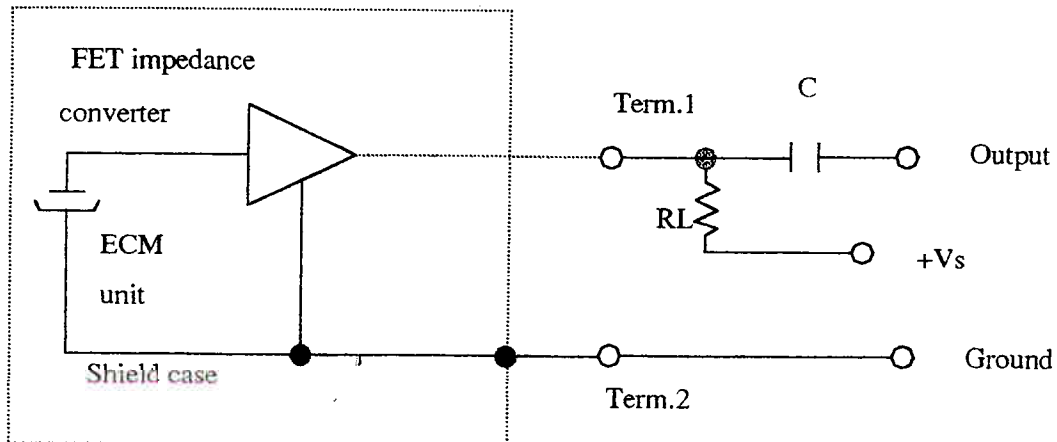
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## SPECIFICATION

Item	Symbol	Test conditions	Min	Standard	Max	Unit
Sensitivity	S	f=1KHz. Pin=1pa	-51	-47	-43	dB 0dB=1V/pa
Directivity	Unidirectional					
Impedance	Zout				680	$\Omega$
Current consumption	I	f=1KHz. Pin=1pa			500	$\mu$ A
Sensitivity reduction	$\Delta$ S	f=1KHz. Pin=1pa. Vs=1.5→1V			-3	dB
S/N ratio	S/N(A)	f=1KHz. Pin=1pa. A=curve	60			dB

### Measurement Circuit (Test Condition Vs=1.5V RL=680 $\Omega$ )

Ta=20°C R.H=65%)

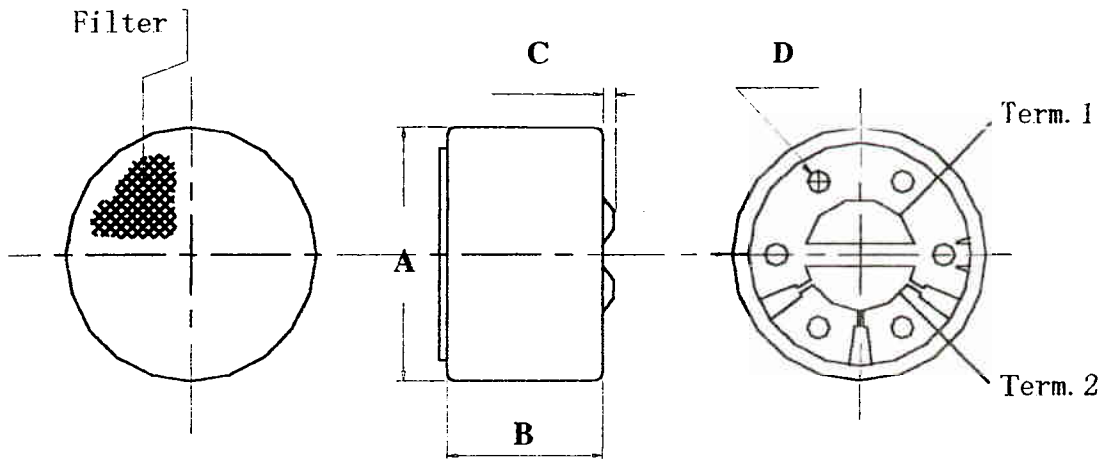


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**Dimensional Drawing**

**unit: mm**



PART	MIN	TYPE	MAX	REMARK
A	Ø9.6	Ø9.7	Ø9.8	
B	5.0	5.2	5.4	
C	-	-	0.7	
D	Ø0.8	-	Ø1.2	

**Typical Frequency Response Curve**

