

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	EM6050-44	Ø6.0×5.0(mm)	

APPROVED :

李軍

DATE: 2000.11.25

CHECKED BY:

阿心張

DATE: 2000.11.25

ISSUED BY:

陳為波

DATE:



APPROVED BY:

DATE:

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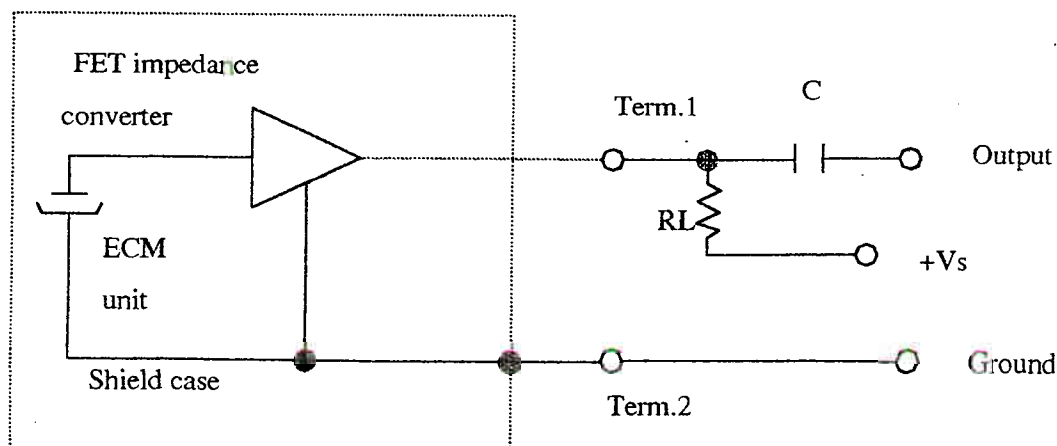
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SPECIFICATION

Item	Symbol	Test conditions	Min	Standard	Max	Unit
Sensitivity	S	f=1KHz. Pin=1ubar	-47	-44	-41	dB 0dB=1V/P₀
Directivity		Omnidirectional				
Impedance	Zout				2.2	K Ω
Current consumption	I	f=1KHz. Pin=1ubar			500	uA
Sensitivity reduction	ΔS	f=1KHz. Pin=1ubar. $V_S=4.5V \rightarrow 1.5V$			-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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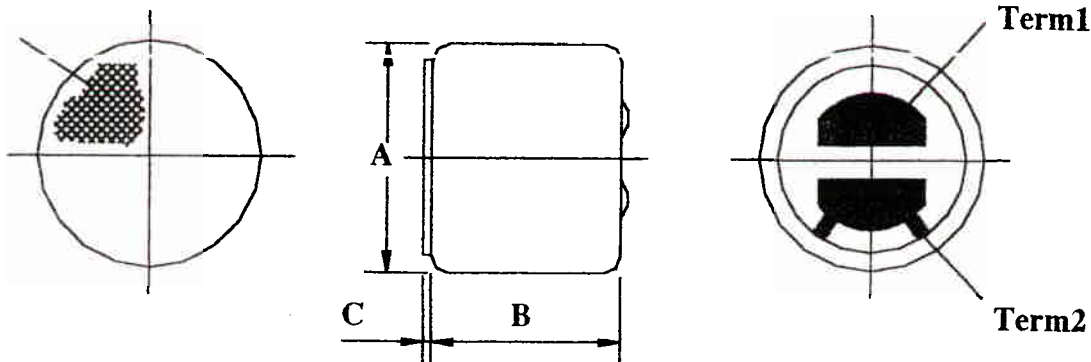
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Dimensional Drawing

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

