

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	EM6027-42	Ø6.0x2.7(mm)	

APPROVED : 李 军 DATE: 2000.11.25

CHECKED BY: 阿 小 浪 DATE: 2000.11.25

ISSUED BY: 陳為波 DATE: 2000/11/23



APPROVED BY:

DATE:

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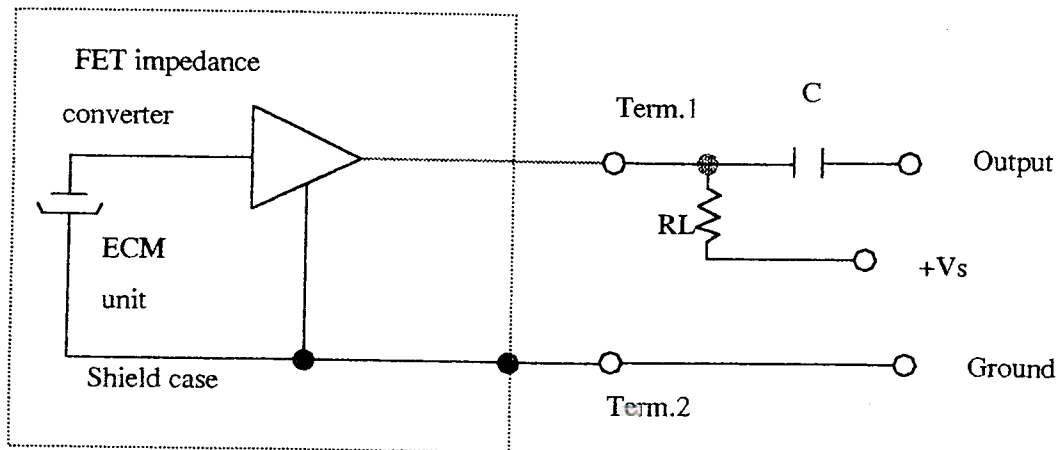
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SPECIFICATION

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%)

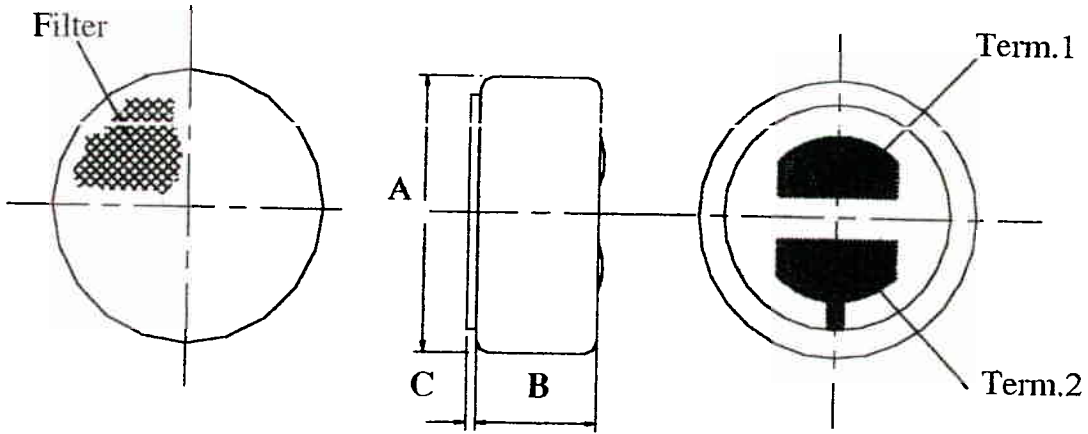


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Dimensional Drawing

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

