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**CUSTOMER: Digi-Key Corporation**

**APPROVE SHEET**

PRODUCT NAME	TYPE	DIMENSION	
Electret Condenser Microphone	EM9465-44	Ø9.4×6.5(mm)	

APPROVED : 李 華 DATE: 2000.11.25

CHECKED BY: 阿 一 波 DATE: 2000.11.25

ISSUED BY: 陳為波 DATE: 

APPROVED BY

DATE:

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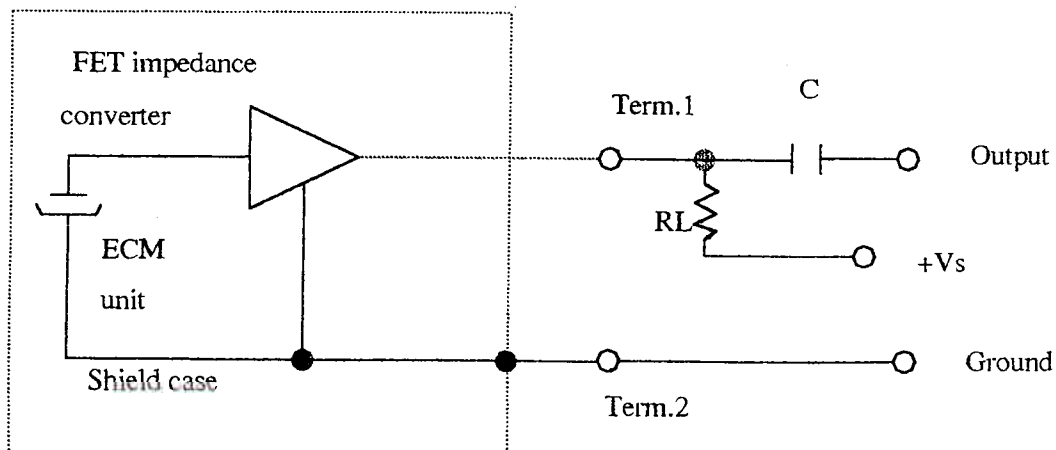
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## SPECIFICATION

Item	Symbol	Test conditions	Min	Standard	Max	Unit
Sensitivity	S	f=1KHz. Pin=1Ubar	-46	-44	-42	dB <small>0dB=1V/Pa</small>
Directivity	Omnidirectional					
Impedance	Zout				1	K Ω
Current consumption	I	f=1KHz. Pin=1Ubar			500	uA
Sensitivity reduction	ΔS	f=1KHz. Pin=1Ubar. Vs=1.5→1V			-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°C R.H=65%)

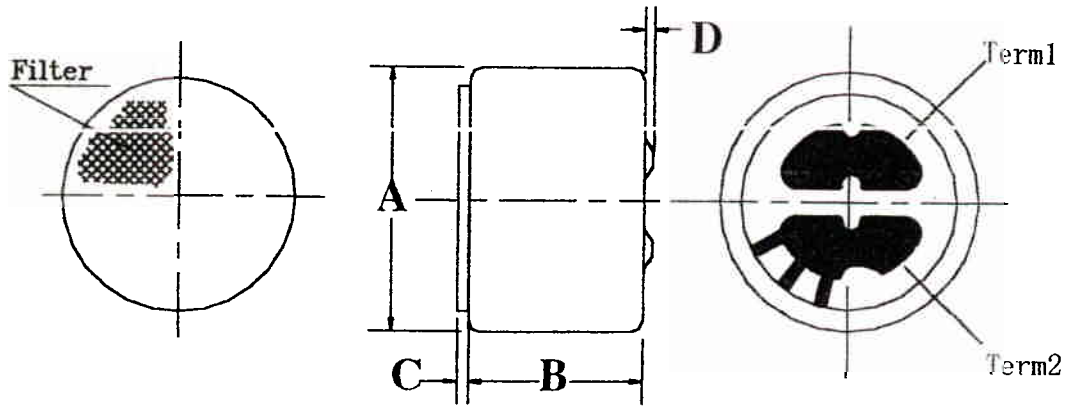


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**Dimensional Drawing**

unit: mm



PART	MIN	TYPE	MAX	REMARK
A	Ø9.2	Ø9.4	Ø9.6	
B	6.3	6.5	6.7	
C	-	-	0.2	
D	-	-	0.8	

**Typical Frequency Response Curve**

