

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 | EM6050-42 | Ø6.0x5.0(mm) | |

APPROVED :

李 華

DATE: 2000.11.25.

CHECKED BY:

陳 一 康

DATE: 2000.11.25

ISSUED BY:

陳為波

DATE: 2000/11/22



APPROVED BY:

DATE:

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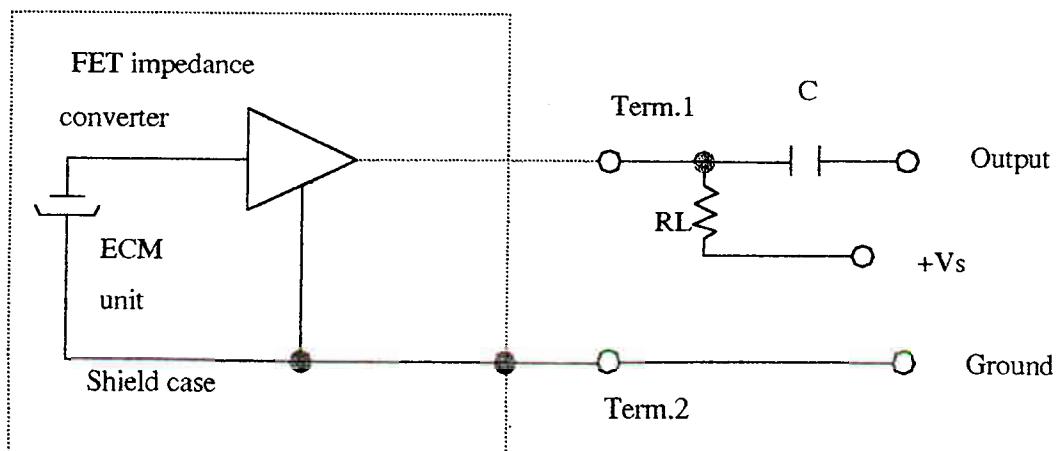
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SPECIFICATION

| 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°C R.H=65%)



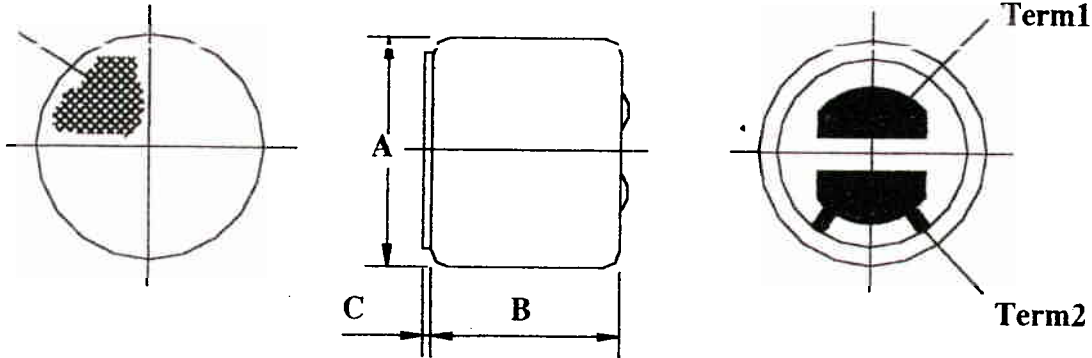
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Dimensional Drawing

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

