

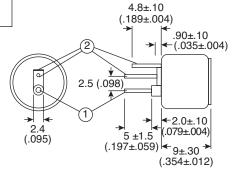
## **Electret Condenser Microphone**

Date: 09/11/07

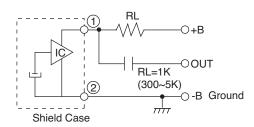
Dimensions: mm (in.)

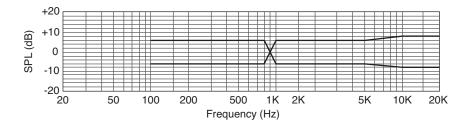
### **Part Number:**

254-05KP0B-RO









KT-400299

#### **Soldering Process:**

**Electret Condenser Microphone** 

Each condenser microphone contains a FET within its case. Generally, semiconductors are easily weakened by overheating, and over-charge of voltage.

Special caution is needed for proper soldering as follows:

- 1. Use 30W (or under) soldering iron and maintain 230°-260°C in operation.
- 2. Soldering should be accomplished within two seconds at each terminal so as not to be overheated.
- 3. Do not make a cavity at the surface of lead on the pattern plate. (A cavity may change the characteristics of the mic.)

#### **Electrical Specifications:**

- Sensitivity: -61±3dB (0dB=1V/1µ bar 1 KHz)
- Output impedance: 1KΩ
- Frequency: 50Hz~16KHz
- · Standard voltage: 4.5V
- Current drain: 500µA max.
- · S/N ratio: 60dB or more
- · Maximum input sound pressure: 104dB SPL

#### **Mechanical Specifications:**

Storage temperature: -20°C to 60°C

#### Note:

RoHS Compliant

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