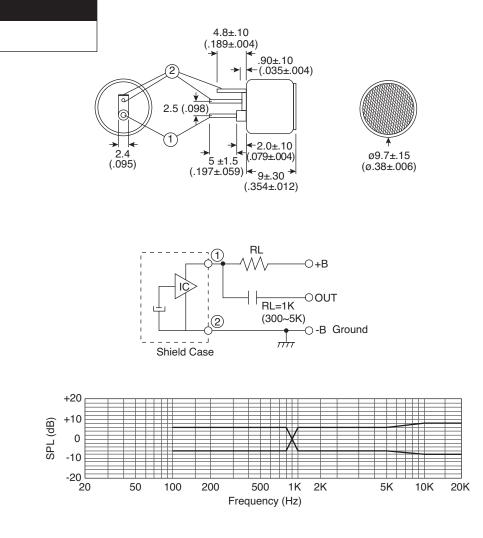
Electret Condenser Microphone

Date: 09/11/07

Dimensions: mm (in.)

Part Number:

254-05KP0B-RO



Soldering Process:

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

Available from Mouser Electronics

www.mouser.com

(800) 346-6873

Specifications are subject to change without notice. No liability or warranty implied by this information. Environmental compliance based on producer documentation.

Electret Condenser Microphone

KT-400299