

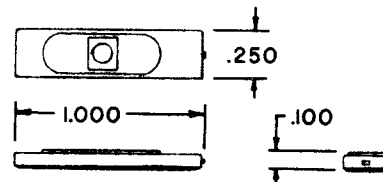
## DESCRIPTION

The CA5A is a rugged ultra-miniature ceramic microphone. The frequency response is equivalent to standard microphones of much greater size. The CA5A is ideal for hearing aids, small headpiece microphones, pocket walkie-talkies, dictating machines, musical instruments, intelligence and security work, and other applications requiring a miniature microphone with high stability.

The generating element is lead-zirconate-titanate enabling use over wide temperature ranges. The ceramic structure is inherently more stable than electro-magnetic units of similar size. The low end response is easily controlled by external load.

## SPECIFICATIONS

TYPE: Ceramic element  
 FREQUENCY RANGE: 50 - 4500 cps  
 IMPEDANCE: Equivalent to 400 pfd  
 OUTPUT LEVEL: -70 db re 1 volt/microbar  
 TEMPERATURE RANGE: -20° to 200° Fahrenheit  
 HUMIDITY RANGE: Unaffected by humidity  
 SIZE: 1.000" x .250" x .100"  
 (2.54 cm x .635 cm x .254 cm)  
 WEIGHT: 3/4 gram



## RESPONSE FREQUENCY CHARACTERISTIC

