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
IMPEDEANCE: Equivalent to 400 pfd
OUTPUT LEVEL: -70 db rel 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