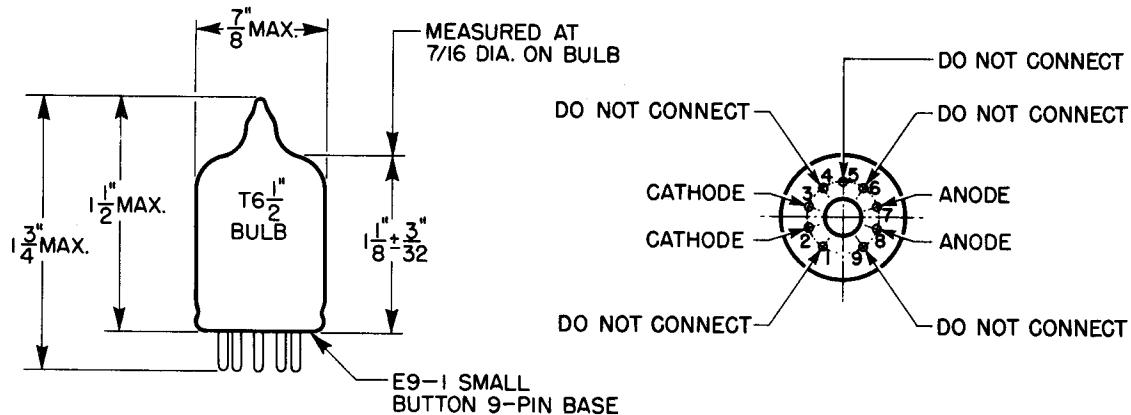


# ADVANCE ELECTRON TUBE DATA SHEET

## WESTERN ELECTRIC 423A ELECTRON TUBE

**423 A**

**MINIATURE  
COLD CATHODE  
2 ELECTRODE**



### DESCRIPTION

The 423A is a two-electrode inert-gas-filled cold cathode tube for use as a voltage reference tube and has exceptionally stable characteristics.

### RATINGS, Absolute Values

#### Cathode Current

Maximum .....	8	milliamperes
Minimum .....	.4	milliamperes
Ambient Temperature Limits .....	-55 to +60	centigrade

### ELECTRICAL DATA

Min. Bogey Max.

Anode Breakdown Voltage .....	---	---	160	volts
Anode Voltage Drop at 6 Milliamperes, D-C .....	98	100	106	volts
Current Regulation at 4 to 6 Milliamperes, D-C .....	---	---	0.5	volt
Temperature Regulation .....	---	-0.01	---	volt/c
Fluctuation (Note 1) .....	---	---	0.1	volt
Stability (Note 2) .....	---	---	0.3	volt

### MECHANICAL DATA

Mounting Position .....	Any
Net Weight, Approximate .....	0.3 ounce
Bulb .....	T 6-1/2
Base .....	Small Button 9-pin

Note 1: Fluctuation is the amount by which the instantaneous anode voltage drop may vary during a period of 24 hours while the tube is operated at one value of current and temperature within its ratings.

Note 2: Stability is the amount by which the average anode voltage drop may drift over a period of 1000 hours while the tube is operated at one value of current and temperature within its ratings.