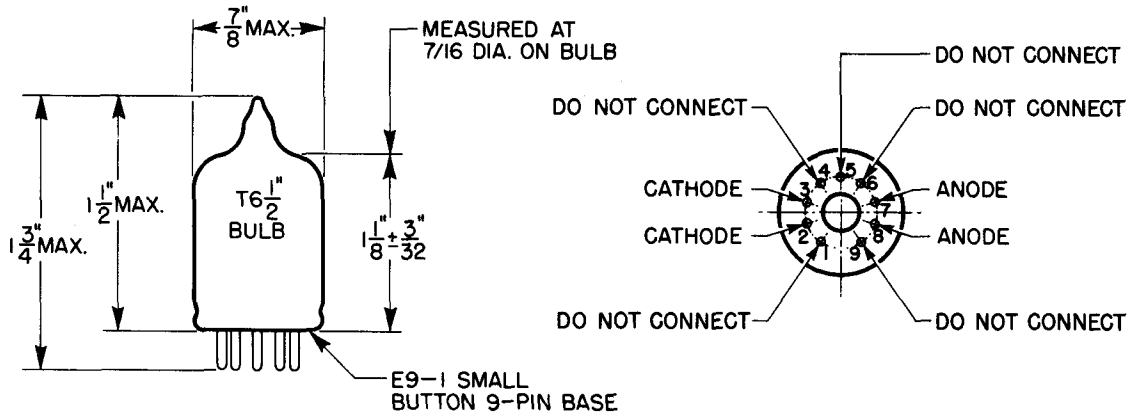


ADVANCE ELECTRON TUBE DATA SHEET

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.