

**OB2****OB2****VOLTAGE REGULATOR**

MINIATURE GLOW-DISCHARGE TYPE

GENERAL DATA**Electrical:**

Cathode. Cold

Mechanical:

Mounting Position. Any

Maximum Overall Length 2-5/8"

Maximum Seated Length. 2-3/8"

Length, Base Seat to Bulb Top (Excluding tip). . . 2" \pm 3/32"

Maximum Diameter 3/4"

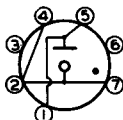
Weight (Approx.) 0.3 oz

Bulb T-5-1/2

Base Small-Button Miniature 7-Pin (JETEC No.E7-1)

Basing Designation for BOTTOM VIEW 5B0

- Pin 1 - Anode
- Pin 2 - Cathode
- Pin 3 - Internal Connection- Do Not Use
- Pin 4 - Cathode



- Pin 5 - Anode
- Pin 6 - Internal Connection- Do Not Use
- Pin 7 - Cathode

Maximum and Minimum Ratings, Absolute Values:AVERAGE STARTING CURRENT \blacklozenge 75 max. ma

DC CATHODE CURRENT { 30 max. ma

. { 5 min. ma

FREQUENCY 0 max. cps

AMBIENT-TEMPERATURE RANGE. -55 to +90 °C

Circuit Values:Shunt Capacitor. 0.1 max. $\mu\mu\text{f}$

Series Resistor. See note below

CHARACTERISTICS RANGE VALUES FOR EQUIPMENT DESIGN

	Min.	Av.	Max.	
DC Anode-Supply Voltage.	133 [■]	-	-	volts
Anode Breakdown Voltage.	-	115	133*	volts
Anode Voltage Drop	101 [●]	108	114*	volts
Regulation (5 to 30 ma.)	-	1	4*	volts

\blacklozenge Averaged over starting period not exceeding 10 seconds. This starting period must be followed by a steady-state operating condition of at least 20 minutes, or tube performance will be impaired.

[■] Not less than indicated supply voltage should be provided to insure "starting" throughout tube life.

* Maximum individual tube value during useful life.

[●] Minimum individual tube value during useful life.

The operating considerations and circuit information shown under Type OA2 also apply to Type OB2

← Indicates a change.