



6074

VOLTAGE REGULATOR

MINIATURE GLOW-DISCHARGE TYPE

Intended for applications where very stable characteristics and dependable performance under shock and vibration are paramount. The 6074 is a "premium" version of the 0B2.

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PREMIUM TYPE**DATA****General:**

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"

Bulb T-5-1/2

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

Basing Designation for BOTTOM VIEW 5BQ

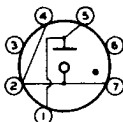
Pin 1 - Anode

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 Ratings, Absolute Values:

AVERAGE STARTING CURRENT (See note below) 75 max. ma

DC CATHODE CURRENT { 30 max. ma

5 min. ma

AMBIENT TEMPERATURE RANGE. -55 to +90 °C

FREQUENCY. 0 max. cps

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

Circuit Values:Shunt Capacitor. - - 0.1 μ f

Series Resistor. See note below

NOTE: The notes and circuit information shown under Type 0A2 are also applicable to the 6074.

▲, ●, ★: See next page.

MAY 1, 1952

TUBE DEPARTMENT

TENTATIVE DATA

RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

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VOLTAGE REGULATOR**Shock and Vibration Tests:**

These tests are made as indicated in the JAN Specifications JAN 1-A for Electron Tubes, May, 1946 under the sections as follows:

Section F-6b (9e) Shock Test:

Instantaneous Impact Acceleration 900 max. g

Section F-6b (9f) Vibration Test:

Vibrational Acceleration. 2.5 max. g

- ▲ Not less than indicated supply voltage should be provided to insure "starting" throughout tube life.
- ◆ Maximum individual tube value during life.
- ★ Minimum individual tube value during life.

MAY 1. 1952

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