



ELECTRONIC TUBE REFERENCE

6099

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

RCA 6099 premium 6J6-family medium-mu dual triode produced for specialized U.S. Air Force applications, with 6.3 V 450 mA heater.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 450 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode

No fixed ratings recorded.

RCA 6099 specialized USAF premium 6J6-family medium-mu twin triode, physical section 1. RCA 1960 premium tube listing does NOT specify independent section electrical ratings. Do not import adjacent 6101/6J6-WA data (gm, rp, mu, plate voltage, dissipation). Heater 6.3 V 0.45 A common to both triodes. Await 6099-specific datasheet for numerical ratings.

SECTION2 Triode

No fixed ratings recorded.

RCA 6099 specialized USAF premium 6J6-family medium-mu twin triode, physical section 2. RCA 1960 premium tube listing does NOT specify independent section electrical ratings. Do not import adjacent 6101/6J6-WA data (gm, rp, mu, plate voltage, dissipation). Heater 6.3 V 0.45 A common to both triodes. Await 6099-specific datasheet for numerical ratings.

The RCA 6099 is a government-use medium-mu twin triode based on 6J6.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 RCA Industrial and Communications Types

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1960 RCA INDUSTRIAL AND COMMUNICATIONS TYPES

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	450 mA	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker