ELECTRONIC TUBE REFERENCE

6385

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
TRIODE-TRIODE

Bendix Red Bank miniature double triode engineered for aircraft and industrial equipment where high reliability, long service life, uniform characteristics, and resistance to shock and vibration are especially important.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	9
NOMINAL HEATER	6.3 V / 500 mA	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode

TRANSCONDUCTANCE	0.005 S
AMPLIFICATION FACTOR	35
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	1.5 W

Published characteristics and ratings promoted where clearly recoverable from source.

SECTION2 Triode

TRANSCONDUCTANCE	0.005 S
AMPLIFICATION FACTOR	35
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	1.5 W

Second identical physical triode section; added to align rows with SectionCount.

This miniature nine-pin double triode is one of the Bendix Red Bank line of reliable vacuum tubes specifically designed for aircraft and industrial applications where freedom from early failure, long average service life, and uniform operating characteristics are extremely important. It is intended to replace the 2C51 or the 5670 in applica- tions where reliability is the primary consideration. Each tube is given a 45-hour run-in under various overload, vibration, and shock conditions likely to be encountered in service. This run-in serves to reduce early failures by eliminating tubes with any minor defects that might lead to failure under actual operating conditions. The use of a coil type heater inside an extruded alu- mina insulator gives a long life heater structure which

SOURCE OPERATING CONDITIONS

196X Bendix

SOURCE PDF

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

196X BENDIX

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Heater Current	**500 mA**	Published datasheet value; see source context.
Plate Current	**25 mA**	Published datasheet value; see source context.
Mutual Conductance	**5000 µS**	Published datasheet value; see source context.
Transconductance	**6500 µS**	Published datasheet value; see source context.
Amplification Factor	**35**	Published datasheet value; see source context.

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Plate Voltage	**300 V**	Published datasheet value; see source context.
Cathode Current	**25 mA**	Published datasheet value; see source context.

TUBE TINKER

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

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