



ELECTRONIC TUBE REFERENCE

6106

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Bendix Red Bank full-wave high-vacuum rectifier for aircraft, military, and industrial service. Rugged heater, cathode, stem, and mount construction emphasize long life and severe shock resistance.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	5 V / 1.7 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier*No fixed ratings recorded.**Published characteristics and ratings promoted where clearly recoverable from source.***SECTION2** Rectifier*No fixed ratings recorded.**Second physical rectifier section; electrical properties populated from applicable published ratings.*

This full-wave, high-vacuum rectifier is one of the Bendix Red Bank line of reliable vacuum tubes specifically de- signed for aircraft, military and industrial applications where freedom from early failures, long service life, and uniform operating characteristics are extremely important. Each tube is given a 45-hour run-in under various over- load, vibration, and shock conditions likely to be en- countered in service. lhis run-in serves to reduce early failures by eliminating tubes with any minor defects that might lead to failure under actual operating conditions. Heavy gauge heater construction together with a pure alumina insulator reduces the likelihood of heater failure. A large area cathode operating at moderate temperatures gives longer service life and freedom from arc-overs. An eight-pillar mount structure and

the button-type stem provide a strong assembly that will stand up under extreme conditions of vibration and shock. The tube requires an 8-pin octal socket and can be mounted in any position.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

196X Bendix

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

196X BENDIX

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	5 V	Published datasheet value; see source context.

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Current	1.7 A	Published datasheet value; see source context.
Plate Current	415 mA	Published datasheet value; see source context.

196X BENDIX

Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	5 V	Published datasheet value; see source context.
Heater Voltage	5 V	Published datasheet value; see source context.

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Current	1.7 A	Published datasheet value; see source context.
Heater Current	1.7 A	Published datasheet value; see source context.
Plate Current	415 mA	Published datasheet value; see source context.

TUBE TINKER

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