

ELECTRONIC TUBE REFERENCE

V35B

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Compact indirectly heated high-vacuum diode for airborne and radar-modulator service. Its multi-kilovolt capability and moderate current suit specialized military high-voltage equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	17000 V
NOMINAL OUTPUT CURRENT	120 mA
PEAK FORWARD CURRENT	600 mA
WARM-UP TIME	40 s
Published source values promoted where applicable; additional electrical, storage, RF, pulse and cooling data retained as parameters.	

Compact high-voltage high-vacuum diode rectifier for airborne and radar-modulator service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Compagnie General

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

1958 COMPAGNIE GENERAL

Section 1 · Rectifier

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	High-voltage rectifier / radar modulator diode	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Pulse peak inverse voltage	40000 V	Pulse
Pulse peak anode current	10 A	Pulse

TUBE TINKER

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