

ELECTRONIC TUBE REFERENCE

6BH3

Rectifier - Damper Diode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Novar half-wave vacuum rectifier designed for television horizontal-deflection damper service, with high peak-inverse-voltage capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
MAXIMUM PLATE DISSIPATION	5.5 W
MAXIMUM CATHODE CURRENT	180 mA
PEAK INVERSE VOLTAGE	5500 V
NOMINAL OUTPUT CURRENT	180 mA
PEAK FORWARD CURRENT	1.1 A
MAXIMUM HEATER-CATHODE VOLTAGE	5500 V
Published maximum ratings and electrical characteristics promoted from approved source.	

Novar half-wave vacuum rectifier for television horizontal-deflection damper service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1940 RCA

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

1940 RCA

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.3 V	Nominal
HeaterCurrentNominal	600 mA	Nominal
Maximum Plate Dissipation	5.5 W	—
Maximum Cathode Current	180 mA	—
Maximum Peak Inverse Voltage	5500 V	—
PeakForwardCurrent	1.1 A	—