



ELECTRONIC TUBE REFERENCE

EB34

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

DIODE-DIODE

Double diode with separate cathodes and internal screening, intended for detector and rectifier service with improved isolation between sections.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Diode	
NOMINAL OUTPUT CURRENT	0.8 mA
MAXIMUM HEATER-CATHODE VOLTAGE	75 V
<i>Published Mullard ratings and characteristics promoted from the supplied source.</i>	

SECTION2 Diode	
<i>No fixed ratings recorded.</i>	
<i>Second physical diode section added in approved section-structure reconciliation.</i>	

Double diode with separate cathodes and internal screening.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1951 Mullard Valve and Service Manual

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

1951 MULLARD VALVE AND SERVICE MANUAL

Section 1 · Diode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	200 mA	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Anode Voltage	200 V	EachSection
Maximum Anode Current	0.8 mA	EachSection



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Mullard

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

1963 MULLARD

Section 1 · Diode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Detector / rectifier	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Diode anode voltage maximum	200 V	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Diode current maximum	0.8 mA	—
Heater-cathode voltage maximum	75 V	—
Heater-cathode resistance maximum	20000 ohm	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Diode-cathode capacitance	4.5 pF	—
Diode-to-diode capacitance	0.5 pF	—