



ELECTRONIC TUBE REFERENCE

2D13C

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

DIODE-DIODE

Common-cathode double diode for detector and signal rectification in AC/DC and automobile receivers, using a 13 V heater suited to series-string operation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	13 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Diode	
PEAK INVERSE VOLTAGE	200 V
PEAK FORWARD CURRENT	0.8 mA
MAXIMUM HEATER-CATHODE VOLTAGE	125 V
<i>Two electrically identical diode anodes on a common cathode; represented once under identical-section compression.</i>	

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

Indirectly heated common-cathode double diode for AC/DC receivers and car radio.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Diode anode voltage peak maximum	200 V	—
Diode current maximum	0.8 mA	—
Heater-cathode resistance maximum	20000 ohm	—
Heater-cathode voltage maximum	125 V	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heating time	15 s	—

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Detector / rectifier in AC/DC and car radio	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Diode-to-diode capacitance	0.3 pF	—
Cathode-to-diode 1 capacitance	4.5 pF	Section1
Cathode-to-diode 2 capacitance	4.5 pF	Section2

TUBE TINKER

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

