

Mullard

DOUBLE-DIODE

2D13C

The 2D13C is an indirectly heated double-diode for use in D.C./A.C. operated receivers, and for Car Radio.

The valve consists of two diode anodes located on a common cathode assembly.

HEATER CHARACTERISTICS

Heater Voltage $V_f = 13.0$ volts
 Heater Current $I_f = 0.2$ amp
 Heating Time—15 secs.

DIMENSIONS

Overall Length ... = 93 mm.
 Overall Diameter... = 29 mm.
 Bulb Finish—Metallised

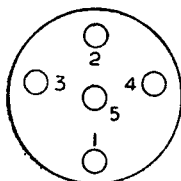
OPERATING CHARACTERISTICS

Maximum Diode Anode Voltage (peak) ... V_{dmax} = 200 volts
 Maximum Diode Current I_{dmax} = 0.8 mA
 Maximum Resistance Heater/Cathode R_{fkmax} = 20,000 ohms
 Maximum Voltage Heater/Cathode V_{fkmax} = 125 volts

CAPACITIES

Diode No. 1 to Diode No. 2 C_{d1d2} = 0.3 $\mu\mu\text{F}$
 Cathode to Diode No. 1 C_{d1} = 4.5 $\mu\mu\text{F}$
 Cathode to Diode No. 2 C_{d2} = 4.5 $\mu\mu\text{F}$

CONNECTIONS



- Pin No. 1 Speech Diode (D_2)
 „ 2 A.V.C. Diode (D_1)
 „ 3 Heater
 „ 4 Heater
 „ 5 Cathode

Viewed from free end of pins.

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