



ELECTRONIC TUBE REFERENCE

4674

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

DIODE

Low-capacitance acorn diode designed for high-frequency detector service, using compact construction to minimize anode-cathode capacitance.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	6.3 V / 180 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Diode	
MAXIMUM PLATE VOLTAGE	180 V
MAXIMUM HEATER-CATHODE VOLTAGE	100 V
<i>Published Mullard/Ferranti ratings and characteristics promoted where applicable; additional electrical values retained as parameters.</i>	

Acorn diode with low anode-cathode capacitance.

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

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode-cathode capacitance	0.3 pF	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage maximum	180 V	—
Heater-cathode resistance maximum	10000 ohm	—
Heater-cathode voltage maximum	100 V	—

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Acorn diode / high-frequency detector service	—