

ELECTRONIC TUBE REFERENCE

7435

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
DIODE

Reliable subminiature flying-lead diode designed for guided-weapon and other compact military electronic equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B5B	BASE PINS	5
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Diode	
PEAK INVERSE VOLTAGE	460 V
NOMINAL OUTPUT CURRENT	10 mA
PEAK FORWARD CURRENT	60 mA
MAXIMUM HEATER-CATHODE VOLTAGE	300 V
Promoted values are taken directly from the supplied datasheet; additional ratings, characteristics and operating points are preserved in TUBE_SECTION_PARAMETER.	

Reliable subminiature diode with flying leads for guided-weapon equipment.

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
Plate-to-cathode/heater capacitance	4 pF	ExternalShield

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RMS input voltage maximum	165 V	—
Plate current maximum	10 mA	—
Peak plate current maximum	60 mA	—
Surge plate current maximum	200 mA	—
Minimum source impedance	300 Ohm	—
Heater-to-cathode voltage cathode positive	300 V	—
Heater-to-cathode voltage cathode negative	100 V	—

TUBE TINKER

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and their source documents.

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