



ELECTRONIC TUBE REFERENCE

7436

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Reliable subminiature half-wave rectifier with flying leads for guided-weapon and rugged electronic equipment. Rated for approximately 930 V peak inverse voltage, 50 mA DC output, and 300 mA peak current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B8D/F	BASE PINS	8
NOMINAL HEATER	6.3 V / 400 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	930 V
NOMINAL OUTPUT CURRENT	50 mA
PEAK FORWARD CURRENT	300 mA
MAXIMUM HEATER-CATHODE VOLTAGE	465 V
<i>Promoted values are taken directly from the supplied datasheet; additional ratings, characteristics and operating points are preserved in TUBE_SECTION_PARAMETER.</i>	

Reliable subminiature half-wave rectifier 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 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Surge anode current maximum	1.1 A	—
Minimum limiting resistance	300 0hm	—
Reservoir capacitance maximum	16 uF	—
RMS input voltage	275 V	CapacitorInputFilter;50Hz
Reservoir capacitance	16 uF	CapacitorInputFilter
Limiting resistance	300 0hm	CapacitorInputFilter
Mean output current	50 mA	CapacitorInputFilter