

ELECTRONIC TUBE REFERENCE

EC70

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Subminiature UHF triode primarily for oscillator service around 500 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
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 Triode	
PLATE RESISTANCE	3600 Ω
TRANSCONDUCTANCE	0.0055 S
AMPLIFICATION FACTOR	20
MAXIMUM PLATE VOLTAGE	175 V
MAXIMUM PLATE DISSIPATION	0.75 W
Published ratings and characteristics promoted from the supplied Brimar source.	

Subminiature UHF triode primarily for oscillator service around 500 MHz.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Mullard Receiving Tubes

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1958 MULLARD RECEIVING TUBES

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	150 mA	—
MaximumOscillatorFrequency	500 MHz	—



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 · Triode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	UHF/VHF oscillator or amplifier	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage characteristic	100 V	—
Plate current characteristic	20 mA	—
Transconductance	5.5 mA/V	—
Amplification factor	20	—
Plate resistance	36000 ohm	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Oscillator supply voltage	175 V	—
Oscillator plate current	20 mA	—
Oscillator RF output power	0.75 W	—
Oscillator frequency	500 MHz	—