



ELECTRONIC TUBE REFERENCE

TD035

Power - Triode Single (under 10W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Mullard high-mu disc-seal triode designed for RF amplification to approximately 2 GHz. Its compact electrode geometry and high amplification factor provide useful microwave-frequency gain.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION 1 Triode	
AMPLIFICATION FACTOR	70
MAXIMUM PLATE VOLTAGE	350 V
MAXIMUM PLATE DISSIPATION	5 W
Disc-seal triode for RF amplification to 2 GHz.	

The Mullard TD035 is a disc-seal triode for RF amplification to 2 GHz.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	350 V	—
Maximum Plate Dissipation	5 W	—
Maximum Operating Frequency	2000 MHz	—
Plate Voltage	250 V	RF Amplifier
Grid Voltage	-2 V	RF Amplifier
Plate Current	10 mA	RF Amplifier

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification Factor	70 ratio	—
Noise Factor	9.5 dB	1GHz; PowerGain=15dB
Noise Factor	12 dB	1.5GHz; PowerGain=13.5dB
Noise Factor	14.5 dB	2GHz; PowerGain=11.5dB

TUBE TINKER

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and their source documents.

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