



ELECTRONIC TUBE REFERENCE

TD1100A

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Planar or disc-seal transmitting triode designed for high-frequency RF amplification or oscillator service. Low-inductance construction supports UHF or microwave operation beyond the practical range of conventional transmitting triodes.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	4000 Ω
TRANSCONDUCTANCE	0.025 S
AMPLIFICATION FACTOR	100
MAXIMUM PLATE VOLTAGE	1000 V
MAXIMUM PLATE DISSIPATION	100 W
High-frequency disc-seal triode for grounded-grid Class C power amplification.	

The Mullard TD1100A is a high-frequency disc-seal triode for grounded-grid Class C power amplification.



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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	6.3 V	—
Heater/Filament Current	1 A	—
Transconductance	25000 μ S	—
Amplification Factor	100 ratio	—
Plate Resistance	4000 ohm	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	1000 V	—
Maximum Plate Dissipation	100 W	—
Maximum Operating Frequency	2500 MHz	—
RF Output Power	12 W	Representative

TUBE TINKER

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and their source documents.

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