



ELECTRONIC TUBE REFERENCE

HT321

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

RFT high-frequency triode intended for amplification, oscillation, measurement, or microwave-frequency electronic service, with published heater and electrical characteristics.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 1.1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.023 S
MAXIMUM PLATE VOLTAGE	2000 V
MAXIMUM PLATE DISSIPATION	300 W
MAXIMUM CATHODE CURRENT	200 mA
Published ratings and characteristics promoted where clearly stated.	

A triode intended for amplification, oscillation, measurement, or microwave-frequency service, with source-published heater and electrical characteristics.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequenzen von etwa	3.75 GHz	Frequenzen von etwa 3,75 GHz.
Bei Frequenzen oberhalb	400 MHz	Bei Frequenzen oberhalb 400 MHz

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
140	1.1 A	140 1,1 A
A	22 min	A 22 min N
PublishedValue	1000 MHz	. . 1000 MHz 12,1 V C
1000	2000 MHz	1000...2000 MHz 11,5 V _ \ n - -
>	2000 MHz	> 2000 MHz 10,8 V
Ua	1300 V	Ua 1300 V
Ia	100 mA	Ia 100 mA
s	23 mA	s 23 mA/V
PublishedValue	175 A	175 A nax. 200
CEa	3 pF	CEa 3 pF bei einer Luft-
Cax	0.025 pF	Cax 0,025 pF
40 U	41 V	40 U41V-35