



ELECTRONIC TUBE REFERENCE

HT323

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	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	
TRANSCONDUCTANCE	0.025 S
MAXIMUM PLATE VOLTAGE	1000 V
MAXIMUM PLATE DISSIPATION	100 W
MAXIMUM CATHODE CURRENT	125 mA
<i>Published ratings and characteristics promoted where clearly stated.</i>	

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
gen bis zu etwa	3.5 GHz	gen bis zu etwa 3,5 GHz.
If0	1 A	If0 1,0 A E[g
%a &	1 min	%a &1 min 7R
400	1000 MHz	400. . . 1000 MHz 6,0 V
» +	1500 MHz	» + 1500 MHz 55 V Zulässige Mittigkeitsabweichung
PublishedValue	2000 MHz	. .2000 MHz 5,0 V der Durchmesser 26,4 und 16,9
>	2000 MHz	> 2000 MHz 4,5 V zum Durchmesser 8,4 = 0,5
v	600 V	v 600 V
Ig	70 mA	Ig 70 mA
Ug	2.5 V	--Ug 2,5 V
S	25 mA	S 25 mA/V
als Oszillator Ua maxX,	1000 V	als Oszillator Ua maxX, 1000 V
PublishedValue	2.5 GHz	2,5 GHz Ua nod maxX,. 600
Cra	2.05 pF	Cra 2,05 pF
ratur °k1=	25 °C	ratur °k1= 25°C)
PublishedValue	0 mA	00 A 4EA AA

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Bei Frequenzen oberhalb	400 MHz	Bei Frequenzen oberhalb 400 MHz a—_ 064 -04
Leistungsaufnahme und optimaler /	469 S	Leistungsaufnahme und optimaler / 469 S SS ©

TUBE TINKER

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