

ELECTRONIC TUBE REFERENCE

HT351

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 / 2.1 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	1100 V
MAXIMUM PLATE DISSIPATION	350 W
MAXIMUM CATHODE CURRENT	300 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
und Oszillatoren bis zu Frequenzen von ungefähr	3.75 GHz	und Oszillatoren bis zu Frequenzen von ungefähr 3,75 GHz im Impuls-
Bei Frequenzen oberhalb	300 MHz	Bei Frequenzen oberhalb 300 MHz

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
betrieb und ungefähr	1.7 GHz	betrieb und ungefähr 1,7 GHz im Dauerstrichbetrieb.
I29	2.1 A	I29 2,1 A
br	22 min	br 22 min
300. ..600 Miiz	12 v	300. ..600 Miiz 12,0 v
600	900 MHz	600...900 MHz 11,0 v
900	1200 MHz	900. . . 1200 MHz 10,0 V
1200	1600 MHz	1200. ..1600 MHz 9,0 V
>	1600 MHz	>1600 MHz 8,0 7
Ua	1300 V	Ua 1300 V
Ia	150 mA	Ia 150 mA
S	23 mA	S 23 mA/V Masse: ca. 300 g
Bei Impulsbetrieb als Ua max	1100 V	Bei Impulsbetrieb als Ua max. 1100 V
Oszillator bei	3.3 GHz	Oszillator bei 3,3 GHz
Uap max	9000 V	Uap max. 9000 V
Iap	75 A	Iap 75 A M
—Ug 1	20 V	—Ug 1 20 V