



ELECTRONIC TUBE REFERENCE

HT301

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

High-frequency triode for RF amplification and related high-frequency electronic service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 700 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.00545 S
MAXIMUM PLATE VOLTAGE	500 V
MAXIMUM PLATE DISSIPATION	6.5 W
MAXIMUM CATHODE CURRENT	25 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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
bis zu Frequenzen von etwa	3.3 GHz	bis zu Frequenzen von etwa 3,3 GHz.

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
17	700 mA	17 0,7 A
r 2	1 min	r 2 1 min
f	2.4 GHz	f 2,4 GHz
Fassung: 8	17 A	Fassung: 8-17 A TGL 14896
U, MAaX,	500 V	U, MAaX, 500 V
Ia maX,	25 mA	Ia maX,. 25 mA
P max	6.5 W	P max. 6,5 W
PublishedValue	40 V	40 V/ €ö A