



ELECTRONIC TUBE REFERENCE

RS1006B

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Siemens transmitting power triode for RF service to approximately 150 MHz. Moderate plate dissipation and multi-kilovolt operation provide medium-power VHF amplification and oscillator capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 5.8 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.0028 S
AMPLIFICATION FACTOR	25
MAXIMUM PLATE VOLTAGE	3000 V
MAXIMUM PLATE DISSIPATION	150 W
MAXIMUM GRID DISSIPATION	35 W
MAXIMUM CATHODE CURRENT	300 mA
Ratings, characteristics, and operating tables audited semantically; repeated identical systems represented once where applicable.	

Siemens triode datasheet.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Siemens

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

1963 SIEMENS

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
SIIMENS fiir Frequenzen bis 150 MHz	—	—
Ug = 6,3 v	—	—
Qa = 150 w	—	—
Qg = 35 w	—	—
Ug = -200 -150 -110 -80 v	—	—
Qa = 150 w	—	—
Qg = 35 w	—	—
Ua = 2500 2000 1500 1000 v	—	—
U8 = ~200 -150 -110 -80 v	—	—
Ugs = 390 340 300 260 v	—	—
Qa = 150	—	—
Qg = 35	—	—
f = 150 150 150	—	—
Ug = -225 -180 -130	—	—
Uge = 415 370 320	—	—
Qa = 51	—	—
Qa = 150 w	—	—
Q = 35 \J	—	—
Ug = -87 -67 -45 v	—	—
Ugs = 100 100 100 v	—	—
Qa = 128 130 121 w	—	—
Ua = 3000 v	—	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Qg = 35 w	—	—
Ua = 2500 1000	—	—
Ug = p -86 N , /123 .	—	—
Qa = 2x75 2x95 2x30 2x73	—	—
Urr = 2750 v 2)	—	—
Qg = 35	—	—
Ug1 = Parameter	—	—
ROHREN Ugtr =1U,)	—	—

CURRENT		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Ig = 5,8 A	—	—
Ty = 25 bei Uy = 2,5 kV; I = 60 mA	—	—
Ik = 300 mA	—	—
Ixsp = 1,8 A	—	—
Ig = 40 40 40 40 mA	—	—
Ik = 300 mA	—	—
Ikep = 1,8 A	—	—
Ia = 410 410 410 410 mA	—	—
Ig = 80 80 80 80 mA	—	—
Ik = 250	—	—
Iksp = 1,8	—	—
Ig = 40 40 40	—	—
Ik = 250 mA	—	—
Ixsp = 1,8 A	—	—
Ig = 20 28 52 mA	—	—
Ixap = 1,8 A	—	—
I = 2x30 2x178 2x30 2x210	—	—
Ig = 0 2x42 0 2340	—	—
Ii = 200 mA	—	—
Ig = 20 mA	—	—
Iy = 270	—	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
$I_{xep} = 1,8$	—	—
$I = 170$	—	—
$I = 34$	—	—
$I_a I_{g1} = (U_g)_{i 1} f(U_{gq})$ ROHREN	—	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
$S = 2,8 \text{ mA/V}$ bei $U, = 2,5$ kV; $I, = 60 \text{ mA}$	—	—

TUBE TINKER

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