



ELECTRONIC TUBE REFERENCE

RS1036

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Siemens transmitting triode for RF amplifier and oscillator service. Approximately 500 W plate dissipation provides substantial medium-power RF capability for professional communications and industrial equipment.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.0033 S
MAXIMUM PLATE DISSIPATION	500 W
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
Uf = 5 A%	—	—
Qa = 460 480 490 1000 750 w	—	—
Q = 500 w	—	—
Ug = -1250 v	—	—
f = 50 50 MHz	—	—
Uy = 5000 v 1)	—	—
Ugs = -1350 \Z	—	—
f = 50 MHz	—	—
Upr = 4500 v 1	—	—

CURRENT		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
* = 21 bei U_=4kV I =120 mA	—	—
– Ixsp = 6 6 A	—	—
Ig = 210 185 mA	—	—
– Iksp = 6 A	—	—
Ig = 185 mA	—	—
Ig = 110 120 mA	—	—
– Ixsp = 6 A	—	—
Iy=Parameter N0	—	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
s = 3,3 mA/V a	—	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
b-4 g g s =8 e	—	—
7 S =g == = po- g e =y	—	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
– cgk = 9, 2 pF	—	—
cga = 5,1 pF	—	—