



ELECTRONIC TUBE REFERENCE

RS1019

Voltage - Dual Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-TETRODE

Siemens dual transmitting tetrode documented for high-frequency power service; available source does not clearly establish a narrower application subset.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 650 mA	PARALLEL HEATER	6.3 V / 1.3 A
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode

No fixed ratings recorded.

Ratings, characteristics, and operating tables audited semantically; repeated identical systems represented once where applicable.

SECTION2 Rectifier

No fixed ratings recorded.

Second physical tetrode section; added to align rows with SectionCount.

Siemens dualtetrode 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 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
vervielfacher fur Frequenzen bis 600 MHz.	—	—
Ua = 60p v bei f < 150 MHz	—	—
Ug = 6,3 bzw. 12,6	—	—
Ug2 = 250 v	—	—
Ug1 = -75 A\	—	—
Usk = 100 v	—	—
Qg2 = 3 w	—	—
Ua = 600 400 300 200 v	—	—
Ugz = 250 250 250 200 v	—	—
Ugt = -60 -50 -40 -30 v	—	—
Qg2 = 2 2 2,2 1,6 w	—	—
RS 1019 HOCHFREQUENZVERSTARKER ROHREN	—	—
RS 1019 HOCHFREQUENZVERDREIFACHER R'C')'F'I';: 'N	—	—
UgZ = 250 v	—	—
Ug = -200 v	—	—
Uk = 100 v	—	—
f = 66, 7/200 133/400 MHz	—	—
Ug2 = 250 250 v	—	—
Ugy = -175 -175 v	—	—
Qa = 2x8,5 2x9,5 w	—	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Qg2 = 1,5 1,4 w	—	—
UgZ = 225 v	—	—
Ugt = -75 v	—	—
Utk = 100 v	—	—
Qa = 2x10 w	—	—
Ug2 = 225 v	—	—
Ugy =- - 26,5 l	—	—
Ugis = 70 24 F v	—	—
Qa = 16,2 18,8 20 w	—	—
Qg2 = 0,23 2,25 1,35 w	—	—
UgZ = 250 v	—	—
Ug = -75 v	—	—
Usie = 100 v	—	—
Qa = 2x10 w	—	—
Qg2 = 3 w	—	—
Ua = 500 300 v	—	—
Ugz = 250 250 v	—	—
Ugt = -26 -25 v	—	—
Qa = 2x6, 25 2x6,5 2x3,75 2x3,9 w	—	—
Qg2 = 0,18 4,05 0,3 4,75 w	—	—
Ug=+45	—	—
(Ug =400V	—	—
Ny (Ug =400 V)–	—	—

CURRENT		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
If = 1,3 bzw. 0,65	—	—
Iy = 2x55 mA	—	—
Ig1 = 2x2,5 mA	—	—
IgZ = 8 8 9 8 mA	—	—
I = 2x0,7 2x0,7 2x0, 7 2x1 mA	—	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
$I = 2 \times 50 \text{ mA}$	—	—
$I_{gZ} = [5,6 \text{ mA}$	—	—
$I_{oq} = 2 \times 1,5 \text{ } 2 \times 1, 2 \text{ mA}$	—	—
$I = 2 \times 55 \text{ mA}$	—	—
$I = 2 \times 12,58 \text{ } 2 \times 36,5 \text{ } 2 \times 12,5 \text{ } 2 \times 35 \text{ mA}$	—	—
$\theta \backslash \backslash I_{gy} = f(U_g)$	—	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
$C_e = 4,4 \text{ pF}$	—	—
$C_a = 1,6$	—	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
$\$N^{\circ} \text{ } 8 \text{ } S=]$	—	—

TUBE TINKER

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