

Radiation-cooled internally neutralized double tetrode designed for HF amplification, oscillation, modulation, and frequency multiplication.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Tetrode	
TRANSCONDUCTANCE	0.0033 S
Ratings, characteristics, and operating tables audited semantically; repeated identical systems represented once where applicable.	
SECTION2 Rectifier	
TRANSCONDUCTANCE	0.0033 S
Second physical tetrode section; added to align rows with SectionCount.	

Die RS 1029 ist eine strahlungsgekühlte Doppeltetrode mit innerer Neutralisation zur Verwendung als HF -Verstärker, Oszillator, Modulator und Frequenzvervielfacher geeignet.

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

CURRENT		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
If = 0,82 bzw. 0,41 A	—	—
Iy = 2x50 mA	—	—
Iksp = 2%226 mA	—	—
Igq = 2x3 mA	—	—
Igz = 2,3 1,8 2,2 mA	—	—
Igq = 2x0,9 2,2 2,7 mA	—	—
I = 2x65 mA	—	—
Iy = 2x4 mA	—	—
Ig2 = 3,0 2,4 3,1 mA	—	—
Igs = 2x1,5 2,5 3,0 mA	—	—
Ug = 100 \ '2 I = 2x37,5 mA	—	—
Ij = 2x40 mA Qg1 = 2x0, 2 w	—	—
IgZ = 2,6 mA	—	—
Ig1 = 1,5 mA	—	—
Ik = 2x52 2x0, 2 w	—	—
I = 2x35 mA	—	—
Ixep = 2x225 mA	—	—
Igs = 2x2 mA	—	—
Ig2 = 2,0 1,9 3,0 mA	—	—
Ig = 2x1,0 2,0 3,2 mA	—	—
I = 2x45 mA	—	—
Ixsp = 2x300 mA	—	—
I = 2x42 mA	—	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
I _{gq} = 2x3 mA	—	—
I _{gz} = 3,5 2,7 4,1 5,2 mA	—	—
I _{gq} = 2x1,9 2x1,2 3,8 4,6 mA	—	—
I = 2x60 mA	—	—
I _{xsp} = 2x300 mA	—	—
I _{gl} = 2x4 mA	—	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
s = 3,3 mA/V	—	—
U _{gt-gl's} = 110 110 115 2\	—	—
U _{gt-gl's} = 130 120 130 v	—	—
U _{gt1-gl's} = 230 230 230 v	—	—
U _{gt-gl's} = 240 230 230 230 v	—	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
C _e = 6,2 pF C _e = 5,1 pF	—	—
C _a = 2,6 pF C. = 1,4 pF	—	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
U _{gie} = 100 \4	—	—
U _{g2} = 200 v	—	—
U _{gs} = -150 \4	—	—
Q _{g1} = 2x0,2 w	—	—
U _{gZ} = 175 - - v	—	—
U _{g1} = -40 - - \ 'g	—	—
Q _{g2} = 0,4 0,3 0,33 w	—	—
U _{ge} = 100 v	—	—
U _{gZ} = 200 v	—	—
U _g = -150 v	—	—
Q _{g1} = 2x0, 2 w	—	—
f = 200 200 200 MHz	—	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Ua = 300 250 200 v	—	—
Ug2 = 200 - - v	—	—
Ug = -45 - - v	—	—
Qa = 2x6 2x3,5 2x3,4 w	—	—
Qg2 = 0,6 0,45 0,55 w	—	—
f = 200 MHz Iksp = 2x180 mA	—	—
Ua = 240 A\ 131 2x3 mA	—	—
UgZ = 200 \ '4 Qa = 2x3,3 w	—	—
Ug1 = -150 \ '2 ng = 1,3 w	—	—
f = 200 MHz 1	—	—
Uge = 100 v	—	—
Ug2 = 200 v	—	—
Ut = -150 v	—	—
Qg4 = 2x0, 2 w	—	—
f = 67/200 67/200 67/200 MHz	—	—
Ugz = 150 (161) (1585) A%	—	—
Ugs = - 100 - - v	—	—
Qg2 = 0,3 0,31 0,46 w	—	—
v HOCHFREQUENZVERDREIFACHER RS 1029	—	—
Uge = 100 v	—	—
Ug2 = 200 v	—	—
Ug1 = -150 v	—	—
Qg2 = 2 w	—	—
Qg1 = 2x0, 2 w	—	—
f = 67/200 67/200 67/200 67/200 MHz	—	—
Ug2 = 150 175 (176) (175) v	—	—
Ugs = -100 -100 - - v	—	—
Qg2 = 0,53 0,47 0,72 0, 91 w	—	—
Ug = 100 v	—	—
Ug2 = 200 v	—	—
Ugs = -150 A%	—	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Qg2 = 2 w	—	—

TUBE TINKER

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