



ELECTRONIC TUBE REFERENCE

RS1026

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Siemens transmitting power triode for professional RF amplifier and oscillator service. Approximately 320 W plate dissipation places it in the medium-power class for communications and industrial transmitting equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / —	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
MAXIMUM PLATE DISSIPATION	320 W
<i>Ratings, characteristics, and operating tables audited semantically; repeated identical systems represented once where applicable.</i>	

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
$U_g = 5,0 \text{ v}$	—	—
$U_g = -500 \text{ } -500$	—	—
— $Q_g = 40 \text{ } 40 \text{ w}$	—	—
$f = 100 \text{ } 100 \text{ } 100 \text{ } 100 \text{ } 100 \text{ MHz}$	—	—
$U_g = -350 \text{ } -250 \text{ } -200 \text{ } -150 \text{ } -120$	—	—
$U_{gs} = 535 \text{ } 430 \text{ } 380 \text{ } 320 \text{ } 295$	—	—
$Q_a = 320 \text{ } 250 \text{ } 250 \text{ } 215 \text{ } 175$	—	—
—, $Q_s = 40 \text{ } 40 \text{ w}$	—	—
$f = 100 \text{ } 100 \text{ } 100 \text{ } 100 \text{ MHz}$	—	—
$U_{gs} = 430 \text{ } 380 \text{ } 320 \text{ } 295 \text{ v}$	—	—
$Q_a = 2 \times 280 \text{ } 2 \times 250 \text{ } 2 \times 215 \text{ } 2 \times 175 \text{ w}$	—	—
$U_y = -500 \text{ } -500 \text{ v}$	—	—
$U_g = -110 \text{ } -90 \text{ } -70 \text{ v}$	—	—
$U_{gs} = 91 \text{ } 89 \text{ } 86 \text{ v}$	—	—
$U_s = -500 \text{ } -500 \text{ v}$	—	—
$Q_g = \sim -300 \text{ } -225 \text{ v}$	—	—
$U_{gl} = 440 \text{ } 370 \text{ v}$	—	—
$\gg Q = 40 \text{ } 40 \text{ W}$	—	—
$f = 40,68 \text{ MHz}$	—	—
$U_g = 110 \text{ v } 2)3)$	—	—
$f = 40,68 \text{ MHz}$	—	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
$U_{gr} = 2775 \text{ V}$	—	—
$U_g = 500 \text{ V}$	—	—
$-Q_g = 40 \text{ W}$	—	—
$U = -500$	—	—
$-Q_g = 40$	—	—
$U_g = (U_{ly}, [g - \text{Parameter}]$	—	—

CURRENT		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
$I = 14,1 \text{ A}$	—	—
$I_{iep} = 3,0 \text{ A}$	—	—
$I_g = 80 \text{ A}$	—	—
$I = 2 \times 69 \text{ mA}$	—	—
$I = 430 \text{ mA}$	—	—
$I_{xap} = 3,0 \text{ A}$	—	—
$I_a = 130 \text{ mA}$	—	—
$I_g = 62 \text{ mA}$	—	—
$I_{nap} = 3,0 \text{ A}$	—	—
$I_g = 70 \text{ mA}$	—	—
$I_y = 260 \text{ mA}$	—	—
$I_{isp} = 3,0 \text{ A}$	—	—
$I_g = 60 \text{ mA}$	—	—
$I_{klp} = 3,0 \text{ A}$	—	—
$I_g = [4] \times 75 \text{ mA}$	—	—
$I_{klp} = 3,0$	—	—
$I_y = 1(U,)$	—	—
$ROHREN I_g = 1U_y)$	—	—
$[0\text{§ } 03 \text{ 0l L } I_g = \text{Parameter}]$	—	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
$c_{gk} = 6,3 \text{ pF}$	—	—
$C_{ga} = 5,0 \text{ pF}$	—	—

TUBE TINKER

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