



ELECTRONIC TUBE REFERENCE

RS2001K

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Vapor-cooled Siemens transmitting triode with coaxial grid connection for high-power RF amplifier and modulator service to about 30 MHz. Rated for approximately 110 kW plate dissipation and 16 kV plate voltage.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	18 V / 164 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.11 S
AMPLIFICATION FACTOR	50
MAXIMUM PLATE VOLTAGE	16000 V
MAXIMUM PLATE DISSIPATION	110000 W
MAXIMUM GRID DISSIPATION	2000 W
MAXIMUM CATHODE CURRENT	30 A
<i>Maximum ratings kept separate from typical operating characteristics; fixed fields use published maximum-rating values where clearly applicable.</i>	

Vapor-cooled transmitting triode with coaxial grid lead-through, suitable for RF amplifier and modulator service up to 30 MHz.



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

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode/grid	170 pF	—
Cathode/anode	4 pF	—
Grid/anode	68 pF	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Emission current	125 A	—

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