



ELECTRONIC TUBE REFERENCE

RS1081

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Siemens transmitting triode for industrial RF oscillators as well as RF or audio-frequency amplifier and modulator service. Approximately 20 kW plate dissipation and 15 kV capability provide substantial multi-kilowatt professional power.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	8 V / 145 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.035 S
AMPLIFICATION FACTOR	45
MAXIMUM PLATE VOLTAGE	15000 V
MAXIMUM PLATE DISSIPATION	20000 W
MAXIMUM GRID DISSIPATION	500 W
Maximum ratings kept separate from typical operating characteristics; fixed fields use published maximum-rating values where clearly applicable.	

Transmitting triode with disc-shaped grid lead-through, especially suitable as an oscillator in industrial RF generators and as an RF or AF amplifier/modulator.



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
cgk	80 pF	—
Cak	1 pF	—
Cga	33 pF	—

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