

ELECTRONIC TUBE REFERENCE

RS1091

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Rugged radiation-cooled Siemens transmitting triode with graphite anode for industrial RF amplifier service. Approximately 1.2 kW plate dissipation and multi-kilovolt capability provide substantial power from a compact industrial design.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 50 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.019 S
AMPLIFICATION FACTOR	21
MAXIMUM PLATE VOLTAGE	6000 V
MAXIMUM PLATE DISSIPATION	1200 W
MAXIMUM GRID DISSIPATION	150 W
Maximum ratings kept separate from typical operating characteristics; fixed fields use published maximum-rating values where clearly applicable.	

Radiation-cooled transmitting triode of rugged construction for industrial service, with a graphite anode and RF amplifier applications.

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
C _{gk}	29.5 pF	—
C _{ak}	0.88 pF	—

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