

GP5

Triode - HV Shunt Regulator electronic tube

High-voltage beam power triode for shunt-regulator or pulse-modulator service in systems rated to approximately 30 kV.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 210 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.0007 S
AMPLIFICATION FACTOR	2750
MAXIMUM PLATE VOLTAGE	30000 V
MAXIMUM PLATE DISSIPATION	37.5 W
MAXIMUM CATHODE CURRENT	2 mA
Section values promoted from published characteristics and maximum ratings.	

Glass-envelope beam power triode for shunt regulator or pulse modulator service in high-voltage systems, rated to 30 kV.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

199X Svetlana

Published test conditions and operating points. Values on this page are preserved as reported by this source.

199X SVETLANA

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
operating voltage of	30000 V	SourcePage1-2
Heater-cathode voltage, peak ±	200 V	SourcePage1-2
Input	4 pF	SourcePage1-2
Output	1.5 pF	SourcePage1-2
Feedback ≤	0.1 pF	SourcePage1-2

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage	30000 V	SourcePage1-2
Anode dissipation	37.5 W	SourcePage1-2
Anode current, continuous	2 mA	SourcePage1-2
Grid voltage	-450 V	SourcePage1-2
Maximum grid-circuit resistance	3 megohms	SourcePage1-2
Plate voltage	30000 V	SourcePage1-2

TUBE TINKER

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