



ELECTRONIC TUBE REFERENCE

6R6G

Voltage - Pentode Remote Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Remote-cutoff pentode amplifier suited to amplifying sweep-oscillator output in cathode-ray oscillograph and television sweep circuits. Its variable-gain characteristic supports controlled amplification in deflection-related signal stages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	300000 Ω
TRANSCONDUCTANCE	0.00148 S
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	75 V
Published section data promoted where applicable; additional operating values retained as parameters.	

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SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1939 Arcturus

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

1939 ARCTURUS

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	250 V	LowVoltage
Screen-grid voltage	100 V	LowVoltage
Control-grid voltage	-3 V	LowVoltage
Plate current	7 mA	LowVoltage
Screen-grid current	1.7 mA	LowVoltage

TUBE TINKER

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and their source documents.

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