

ELECTRONIC TUBE REFERENCE

6K3

Voltage - Pentode Remote Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Russian metal variable-mu pentode designed for intermediate- and high-frequency amplification.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.002 S
MAXIMUM PLATE DISSIPATION	4.4 W
MAXIMUM SCREEN DISSIPATION	0.44 W
Electrical characteristics/rating tables read in full; English favored.	

The 6K3 is a metal single-end variable-mmμ pentode with indirectly heated cathode intended for intermediate — and high-irequency amplification Heater Voltage e e e, .

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Russian

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

195X RUSSIAN

Section 1 · Pentode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater	63 V	Heater Voltage e e e, . . 63V
Heater	275395 mA	Heater Current oL 275395 mA
Plate	12 mA	Plate Current e e v e . . . 65—12 mA
Published electrical parameter	3 V	First-Grid Voltage e e e e —3 V
Screen	1634 mA	Second-Grid Current S 1634 mA
Transconductance	24 mA/V	Transconductarnc e s o .. 16—24 mANV
Published electrical parameter	-72 pF	Input e 48—72 pF
Published electrical parameter	4 W	“Output o« . 4w 52'88 pF
Published electrical parameter	88 pF	“Output o« . 4w 52'88 pF
Plate	3 pF	Grid to Plate , . . max. 0003 pF
Source symbol on	2 A	taneously on 2 and more electrodes under operating conditions

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate	-336 V	Maximum Plate Voltage L -336V
Screen	140 V	Maximum Second-Grid Voltage 140V
Heater	69 V	Maximum Heater Voltage Variation . . b57—69V
Plate	44 W	Maximum Plate Dissipation e e e . . 44 W
Screen	44 W	Maximum Second-Grid Dissipation 044 W

TUBE TINKER

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