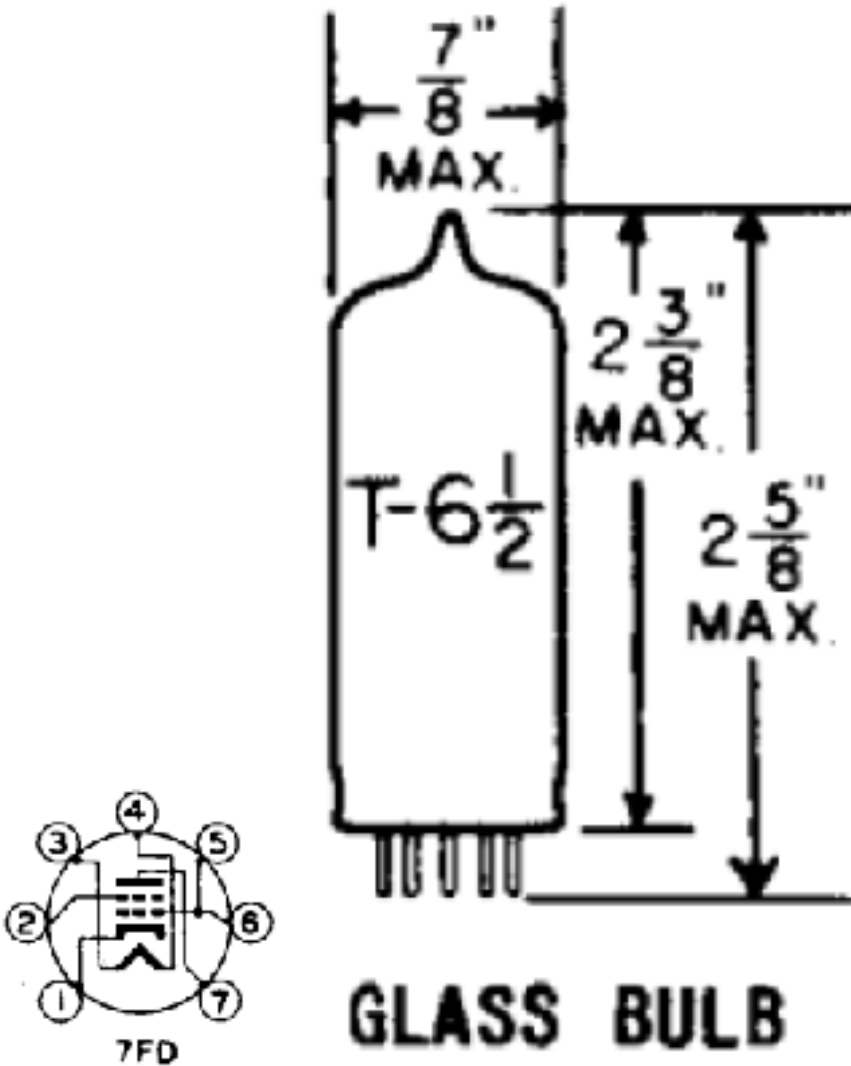


NJ7P Tube Database Search

12K5 Space Charge Grid Tetrode

Base & Bulb (GE 1973)



Application

Miniature type used a space-charge amplifier. This tube is designed to operate where heater and plate voltage ar supplied directly from a 12 volt battery. Requires miniature 7-contact socket. Grid no 1 is the space charge grid and grid no 2 is the control grid.

Mechanical Data

Bulb	T-5 1/2
Base	Miniature Button 7-Pin
Outline	5-3
EIA Base	7FD
Cathode	Coated Unipotential

Mounting Position Any

Electrical Data

Heater Voltage 10-16 V
 Heater Current 0.45 A

Direct Interelectrode Capacitances (approx)

Tetrode

Input 23.0 pf
 Output 1.8 pf
 Grid to Plate 11.0 pf

)
 Plate Voltage 30 V

on
 Plate Voltage 12.6 V
 V
 V
 V
 6

?
 Plate Current 8 mA
 Grid No. 2 Current 85 mA
 Load Resistance 800 ?
 Power Output (approx) 0.035 W

Characteristics and Typical Operation

Class A Amplifier

Plate Voltage 12.6 V
 Grid No. 2 Voltage 0 V
 Grid No. 1 Voltage 12.6 V
 Plate Resistance (approx) 480 ?
 Transconductance 15K
 Plate Current 40 mA
 Grid No. 2 Current 75 mA

Searched 20738 records on 3663 tube types

Please enter the tube number:

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This database contains data on thousands of tubes. Every effort has been made to insure the accuracy of this reference, however, I assume no liability for the results of using information contained herein.

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[KBApps partial 195X RCA Receiving Tube Manual](#)

[OPCOMs 1959 Sylvania Tube Manual](#)

[OPCOMs 1943 and 1949 Sylvania Tube Manual](#)

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