

NJ7P Tube Database Search

6Y6 Beam Power Pentode



Preferred Substitutes **6U6**
Substitutes **6EZ5**

Application

Glass octal type used as output amplifier in radio receivers in which the plate voltage available for the output stage is relatively low. It is also used in rf-operated, high-voltage power supplies in television equipment. Requires octal socket and may be mounted in any position.

Mechanical Data

EIA Base **7AC**

Electrical Data

Heater Voltage **6.3 V**
Heater Current **1.25 A**

Direct Interelectrode Capacitances (approx)

Pentode

Input **15 pf**
Output **1 pf**
Grid to Plate **0.7 pf**

Maximum Ratings (Design Center Values)

Pentode

Plate Voltage **200 V**
Grid No. 2 Voltage **135 V**
Plate Dissipation **12.5 W**
Grid No. 2 Dissipation **1.75 W**

Characteristics and Typical Operation

Class A Amplifier

Plate Voltage **200 V**
Grid No. 2 Voltage **135 V**
Grid No. 1 Voltage **-13.5 V**

Plate Resistance (approx) 9.3K Ω
Transconductance 7000 μS
Plate Current 58 mA
Grid No. 2 Current 3.5 mA
Load Resistance 2.6K Ω
Power Output (approx) 3.6 W

Searched 20647 records on 3643 tube types

Please enter the tube number:

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.

Other Tube Search Engines:

- [Duncan Amps](#)
 - [Frank's Electron Tube Pages](#)
 - [KBApps partial 195X RCA Receiving Tube Manual](#)
 - [OPCOMs 1959 Sylvania Tube Manual](#)
 - [OPCOMs 1943 and 1949 Sylvania Tube Manual](#)
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