

GROOVE TUBES GT5881C PENTODE



SPECIFICATIONS*

Class A Amplifier

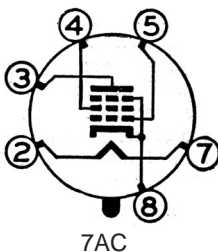
Plate Voltage:	250 V
Grid 2 Voltage:	250 V
Grid 1 Voltage:	-14 V
Peak Grid 1 Voltage:	14 V
Amplification Factor:	135
Plate Resistance (aprx):	22.5K Ω
Transconductance:	6200 μ
Plate Current:	72 mA
Grid 2 Current:	5.5 mA

Maximum Ratings

(Design Center Values):

Plate Voltage:	500 V
Grid 2 Voltage:	450 V
Plate Dissipation:	30 W
Grid 2 Dissipation:	5 W
Heater Voltage:	6.3 V

PINOUT DIAGRAM



This classic short bottle high vacuum 5881 was originally made for military applications to fit into field radios and last a really long time! Leo Fender used it in the early low-profile Bassman and Showman heads as it was the only practical tube to fit in the short space. We love the tone of this tube; it's big and round and distorts real sweet. It also has less microphonic issues (rattles) as it is ruggedized and also smaller in stature.

However, it has a full 6L6 power and is a great option for giving your amp a classic '50s tone. Highly recommended in the modern Fender amps to produce that creamy Blues tone, or fat Steve Cropper signature tone as well.

This is direct replacement for all 6L6 types, so don't be shy to try them in your Fender amp. Even though they look smaller, they deliver big tone!

*SPECIFICATION MEASUREMENT PROCEDURES

The measurements on this sheet are actual test results of current production tubes made in a neutral and consistent manner for the purpose of fair comparisons. We decided not to use just reprinted "target specs" from an old RCA book like most, if not all, current production spec sheets released today. If these specs do not meet the old RCA or GE published spec sheets, do not be alarmed. In fact, NO tubes made today meet all these original specs, and only a few come even close in the critical areas of Transconductance and/or Gain.

We believe it is more important to provide our customers a meaningful standard by which ALL tubes made today can be compared. So beginning with our 2007 spec sheets, our first ever published, ALL the tubes we manufacture and/or made in other factories and/or other tubes that are in our catalog will reflect actual test results and averaged over at least 10 samples. As production quality rises and falls (frequently) we reserve the right to make these results subject to change as performance rises, or falls. Current data sheets reflecting latest productions can be found on the GT website at www.groovetubes.com.

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