

# GROOVE TUBES GT6L6GE PENTODE



## SPECIFICATIONS\*

### Class A Amplifier

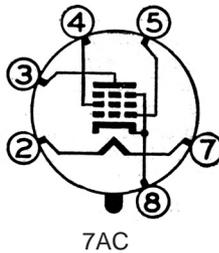
Plate Voltage:	250 V
Grid 2 Voltage:	250 V
Grid 1 Voltage:	-14 V
Peak Grid 1 Voltage:	14 V
Amplification Factor:	135
Plate Resistance (aprx):	28.5K $\Omega$
Transconductance:	6200 $\mu$
Plate Current:	78 mA
Grid 2 Current:	7.1 mA

### Maximum Ratings

#### (Design Center Values):

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

## PINOUT DIAGRAM



This is our flagship GT tube, the one we spent nearly 4 years developing from scratch after purchasing the original General Electric design, the original RCA grid winding machines that made this tube, and tons of the original materials. This tube was originally intended to be produced here in our California factory but from the first release, demand far outstripped our small production capacity. We realized we'd need a larger facility so we contracted to do some of the final assembly of our USA parts with our partnered factory in

China. This move allowed us to both keep the price reasonable and meet the growing demand. And why is there such a demand? Because it looks and sounds exactly like the original GE6L6 tube, perhaps the best guitar amp tube ever made! Stunning clarity, and tone that is reminiscent of great '50s, '60s and '70s recordings from Carl Perkins through Jimi Hendrix... both of whom mostly recorded through Fender amps from the golden years in a period when they exclusively used this GE tube.

### \*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 and performance rises, or falls. Current data sheets reflecting latest productions can be found on the GT website at [www.groovetubes.com](http://www.groovetubes.com).

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