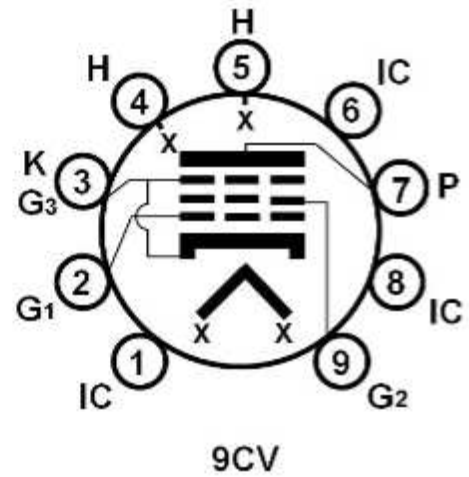


# TAD 7189A specification

Please note the pinout for pin 1 and 6 might differ on various NOS 7189A and on amplifiers using 7189A. Grid 1+2 is not bridged and requires Grid 1 supply connected to pin 2 only. Please note the same for pin 6 and 9 which must be connected to pin 9 only.

The electrical specs meet or even exceed the NOS 7189A to ensure an average of 5,000 operating hours.



**Bottom View**

## Characteristics:

### Electrical

Heater:	Min.	Nom.	Max.
<u>Voltage (AC or DC)</u>	5.7V	6.3V	7.0 V
<u>Current</u>			0.76 A
<u>Cathode:</u>	Oxide-coated, unipotential		
<u>Cathode-to-heater potential, max.</u>			+200 V
<u>Direct interelectrode capacitances, max.***</u>			
<u>Grid no.1 to cathode and grid no.3, grid no.2, base sleeve and heater</u>			<10.8 pF
<u>Plate to cathode and grid no.3, grid no.2, base sleeve and heater</u>			<6.5 pF
<u>Grid no.1 to plate</u>			<0.50 pF

### Mechanical

<u>Operating Position</u>	Any
<u>Basing</u>	Miniature Button, 9CV
<u>Dimensions:</u>	
<u>Height</u>	76 mm
<u>Seated height</u>	70 mm
<u>Diameter</u>	21.65 mm

### AF Power Amplifier - Maximum ratings

<u>Plate Voltage</u>	440 V
<u>Screen Voltage</u>	400 V
<u>Grid no.1 Circuit Resistance:</u>	
<u>Fixed Bias</u>	0.3 Megaohm Max.
<u>Cathode Bias</u>	1.0 Megaohm Max
<u>DC cathode current</u>	65 mA
<u>Plate dissipation</u>	14 W
<u>Screen dissipation</u>	2.2W