



TAD – ECC83-WA High Performance Dual High-Mu Triode

The new TAD™ ECC83-WA (part number: RT095) is a miniature, high-mu twin triode, selected and recommended for guitar amps to improve overall responsiveness and dynamics.

Great for guitar clean tones with a distinct pick attack and pronounced upper mids to cut through every mix.

Crunchy tones still feature a very good string separation which is also ideal for fully saturated sounds and modern amplifiers with a tight bass response.

Recommended for all positions in medium gain amps or for V2+ positions in high-gain amps.

For V1 in general but especially for high-gain amps or phono/audio-amps, we recommend the Highgrade version of the TAD™ ECC83-WA which is the TAD™ 7025-WA (part number: RT095-HG)

The TAD™ ECC83-WA can replace any 7025, 12AX7WA, 12AX7WB, 12AX7LPS, 12AX7EH, ECC83 or E83CC.

Characteristics of a bogey tube:

Electrical

Heater:	series	parallel
Voltage (AC or DC)	12.6V +/-0.6	6.3+/-0.3
Current ca.	0.18	0.35
Heating	Indirect	
Cathode-to-heater potential, max.	100 V	
Direct interelectrode capacitances, max.***		
Grid to plate	1.6 pF	
Grid to cathode and heater	1.6 pF	
Plate to cathode	0.5 pF	
Cathode to heater	5.0nF	
Plate to plate	520pF	
Grid reverse current	<0.2uA	
Transconductance (nominal)	1.7mA/V	
Amplification factor (nominal)	92	

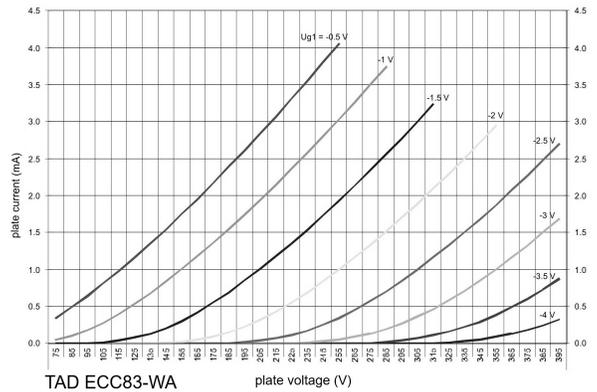
Mechanical

Operating Position	Any
Base	E9-1, Small Button 9 Pin
Dimensions (max.)	
Height	56.5 mm
Seated height	49.3 mm
Diameter	22.5 mm
Cooling	conventional
Approximate net weight	14 g

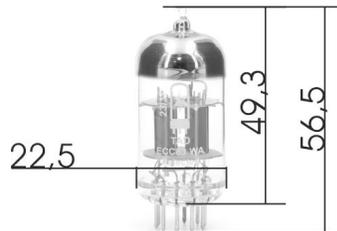
***Without external shielding, nominal values

AF Power Amplifier

Maximum ratings	
DC plate voltage	300 V
Positive DC Grid Voltage	0 V
Negative DC Grid Voltage	-55 V
Plate dissipation	1.0 W
Bulb temperature (surface hottest point)	165°C
Cathode Current	9 mA
Rg-k, self bias max.	2.2MΩ
Rg-k, fixed bias max.	1MΩ



Outline View:



Bottom View

Noval Base Connections

