



TAD – 7025S Mullard Style Superior Performance High-Mu Twin Triode

The new **TAD 7025-S** is a faithful reproduction of the legendary original Mullard ECC83 valve which was made in England till the late 1960s. This tube is regarded as the holy grail among the double-triode preamp valves. The extra thick mica spacers support the rugged mechanical construction and the careful TAD quality control procedure ensures performance stability and low microphony.

The **TAD 7025S** delivers rich, harmonically complex tone and midrange warmth that is just outstanding compared to any other currently manufactured tube today.

We recommend this tube for classic British style amps (rather than for modern high-gain amps) as well as for vintage-style open-back combo amps to achieve a stunning complex tone with silky smooth but rich tone.

The TAD 7025 S can replace any ECC83, E83CC, 12AX7, 12AX7A, 12AX7M.

Characteristics of a bogey tube:

Electrical		
Heater:	Series	Parallel
Voltage (AC or DC)	12.6V +/-1.0	6.3+/-0.5
Current	0.15	0.3
Heating	Indirect	
Cathode-to-heater potential, max.	150 V	
Direct interelectrode capacitances, max.***		
Grid to plate	1.8 pF	
Grid to cathode	1.9 pF	
Grid to heater	0.4 pF	
Plate to cathode	0.7 pF	
Mechanical		
Operating Position	Any	
Base	E9-1, Small Button 9 Pin	
Dimensions:		
Height	57 mm	
Seated height	50 mm	
Diameter	22.5 mm	
Cooling	conventional	
Approximate net weight	13 g	

***Without external shielding, nominal values

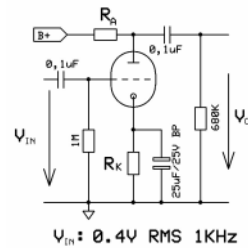
AF Power Amplifier

Maximum ratings	
DC plate voltage	330 V
Positive DC Grid Voltage	0 V
Negative DC Grid Voltage	-55 V
Plate dissipation	1.2 W
Bulb temperature (surface hottest point)	160°C
Cathode Current	8 mA

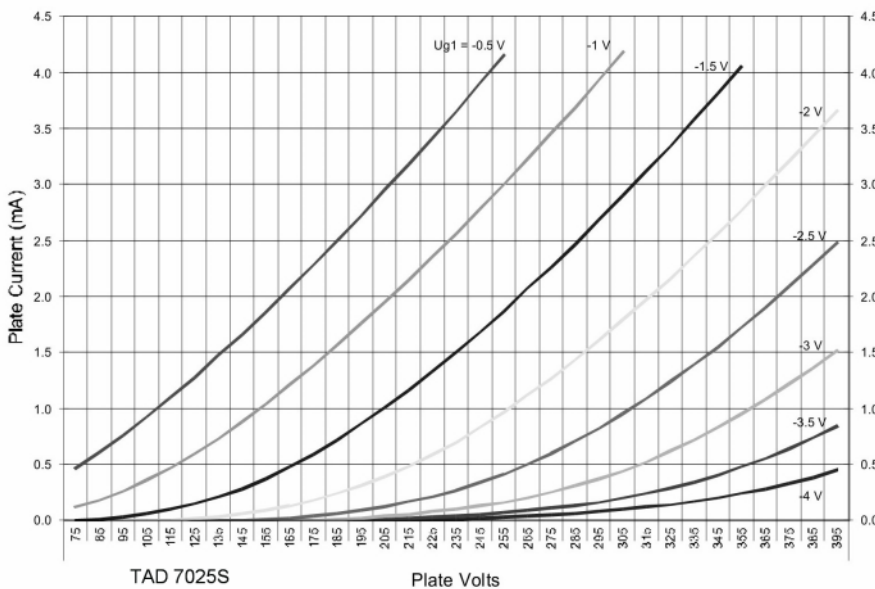
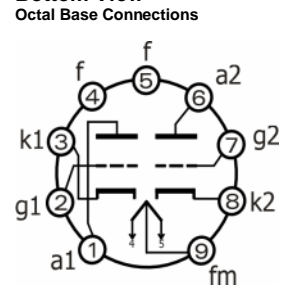
RT011, 7025 S

B+ / V	R _A / kΩ	R _K / kΩ	V _{Out} / V _{RMS}	V _{Out} / V _{IN}	THD / %	I _A / mA
200	47	1.50	15.2	38.0	6.3	0.8
250	47	1.20	17.0	42.5	4.4	1.1
300	47	1.00	18.4	46.0	3.2	1.4
350	47	0.82	19.3	48.3	2.5	1.8
400	47	0.68	19.8	49.4	2.0	2.1
200	100	1.80	20.1	50.3	5.5	0.6
250	100	1.50	21.9	54.8	4.2	0.8
300	100	1.20	23.5	58.8	3.3	1.1
350	100	1.00	24.7	61.8	2.2	1.3
400	100	0.82	25.7	64.3	1.7	1.7
200	220	2.70	22.2	55.5	6.4	0.4
250	220	2.20	24.5	61.3	5.0	0.5
300	220	1.50	26.7	66.8	3.2	0.7
350	220	1.20	28.2	70.5	2.4	0.9
400	220	1.00	29.2	73.0	2.0	1.0

Test arrangement:



Bottom View



Outline View

