



MOJOTONE 12AT7 HIGH-MU TWIN TRIODE

ELECTRICAL DATA

	Series	Parallel	
Heater (AC or DC)	12.6	6.30	V
	150	300	mA

Direct Interelectrode Capacitances (Average Values)

Grid to Plate	1.5	pF
Grid to Cathode and Heater	2.2	pF
Plate to Cathode and Heater (Section 1)	1.2	pF
Plate to Cathode and Heater (Section 2)	1.5	pF

MECHANICAL DATA

Base: Noval, 9 Pin
 Operating Position: Any

Dimensions

Height	55.6	mm
Height from chassis surface	49.2	mm
Diameter +/-5%	20.6	mm

CLASS A: AMPLIFIER (SINGLE TRIODE)

Maximum Ratings

DC Plate Voltage	400	V
Positive DC Grid Voltage	0	V
Negative DC Grid Voltage	50	V
Plate Dissipation	2.5	W
Heater to Cathode Voltage	90	V

Typical Operation

Plate Voltage	100	250	V
Grid Voltage	-5	-12	V
Amplification Factor	60	60	
Plate Resistance	15,000	10,900	Ohms
Transconductance	4,000	5,500	μmhos
Plate Current	3.7	10	mA

