

Medium-Mu Triode— Sharp-Cutoff Pentode

9-PIN MINIATURE TYPE

With Heater Having Controlled Warm-Up Time

The 6AT8-A is the same as the 6X8 except for the following items:

Electrical:

Heater, for Unipotential Cathode:

Voltage (AC or DC)	6.3	volts
Current	0.45 ± 6%	amp
Warm-up time (Average)	11	sec

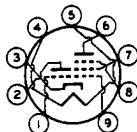
Direct Interelectrode Capacitances:

	Without External Shield	With External Shield [▲]	
<i>Triode Unit:</i>			
Grid to plate	1.5	1.5	μf
Grid to cathode and heater	2	2.4	μf
Plate to cathode and heater	0.5	1	μf
<i>Pentode Unit:</i>			
Grid No.1 to plate	0.06 max.	0.03 max.	μf
Grid No.1 to cathode, grid No.3, grid No.2, and heater	4.6	4.8	μf
Plate to cathode, grid No.3, grid No.2, and heater	0.9	1.6	μf
Pentode grid No.1 to triode plate	0.05 max.	0.04 max.	μf
Pentode plate to triode plate	0.05 max.	0.008 max.	μf
Heater to cathode	6	6 [●]	μf

Mechanical:

Basing Designation for BOTTOM VIEW. 9DW

- Pin 1—Triode Grid
- Pin 2—Triode Plate
- Pin 3—Cathode
- Pin 4—Heater
- Pin 5—Heater
- Pin 6—Pentode Plate



- Pin 7—Pentode
Grid No.2
- Pin 8—Pentode
Grid No.3
- Pin 9—Pentode
Grid No.1

▲ With external shield JEDEC No.315 connected to cathode except as noted.
● With external shield JEDEC No.315 connected to pentode plate.

← Indicates a change.

