



# HIGH-MU DOUBLE TRIODE

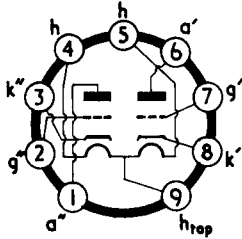
12.6V INDIRECTLY HEATED

ISSUE I

PROVISIONAL  
**B339/12AX7**

AUGUST 1955

BASE CONNECTIONS AND VALVE DIMENSIONS



VIEW FROM UNDERSIDE  
OF BASE

Base: B9A  
Bulb: Tubular

Max. overall length: 56mm  
Max. seated length: 49mm  
Max. diameter: 22.2mm

HEATER

|       |      |     |   |
|-------|------|-----|---|
| $V_h$ | 12.6 | 6.3 | V |
| $I_h$ | 0.15 | 0.3 | A |

MAXIMUM RATING (Per system)

|           |     |           |
|-----------|-----|-----------|
| $V_a$     | 300 | V         |
| $P_a$     | 1   | W         |
| $I_k$     | 8   | mA        |
| $R_{g-k}$ | 2.2 | $M\Omega$ |
| $V_{h-k}$ | 180 | V         |

CAPACITANCES (of unscreened valve)

|              |        |               |        |
|--------------|--------|---------------|--------|
| $c_{a'-g'}$  | 1.7pF  | $c_{a''-g''}$ | 1.7pF  |
| $c_{g'-k'}$  | 1.6pF  | $c_{g''-k''}$ | 1.6pF  |
| $c_{a'-k'}$  | 0.46pF | $c_{a''-k''}$ | 0.34pF |
| $c_{a'-a''}$ | 0.75pF |               |        |

Continued overleaf:

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# B339/12AX7

## CHARACTERISTICS

|         |      |      |            |
|---------|------|------|------------|
| $V_a$   | 250  | 100  | V          |
| $V_g$   | -2   | -1   | V          |
| $I_a$   | 1.2  | 0.5  | mA         |
| $\mu$   | 100  | 100  |            |
| $r_a$   | 62.5 | 80   | k $\Omega$ |
| $\xi_m$ | 1.6  | 1.25 | mA/V       |

