



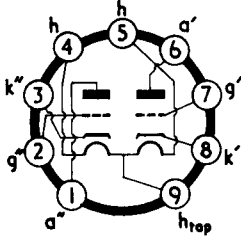
HIGH-MU DOUBLE TRIODE

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:

B339/12AX7

CHARACTERISTICS

| | | | |
|---------|------|------|------------|
| V_a | 250 | 100 | V |
| V_g | -2 | -1 | V |
| I_a | 1.2 | 0.5 | mA |
| μ | 100 | 100 | |
| r_a | 62.5 | 80 | k Ω |
| ξ_m | 1.6 | 1.25 | mA/V |

