

# R.F. PENTODE

# 6CB6

High slope pentode primarily intended for use as r.f. or i.f. amplifier.

## HEATER

Suitable for series or parallel operation

|       |     |    |
|-------|-----|----|
| $V_h$ | 6.3 | V  |
| $I_h$ | 300 | mA |

## MOUNTING POSITION

Any

## CAPACITANCES

|            | Shielded | Unshielded |    |
|------------|----------|------------|----|
| $C_{in}$   | 6.5      | 6.5        | pF |
| $C_{out}$  | 3.0      | 1.9        | pF |
| $C_{a-g1}$ | <0.01    | <0.02      | pF |

## CHARACTERISTICS

|                         |      |            |
|-------------------------|------|------------|
| $V_a$                   | 200  | V          |
| $V_{g3}$                | 0    | V          |
| $V_{g2}$                | 150  | V          |
| $V_{g1}$                | -2.2 | V          |
| $I_k$                   | 9.5  | mA         |
| $I_{g2}$                | 2.8  | mA         |
| $r_a$                   | 600  | k $\Omega$ |
| $g_m$                   | 8.0  | mA/V       |
| $V_{g1}(I_a = 10\mu A)$ | -8.0 | V          |

## LIMITING VALUES

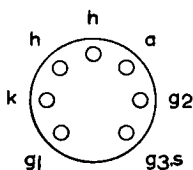
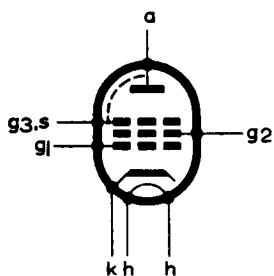
|                    |     |    |
|--------------------|-----|----|
| $V_{a(b)}$ max.    | 550 | V  |
| $V_a$ max.         | 300 | V  |
| $p_a$ max.         | 2.0 | W  |
| $V_{g2(b)}$ max.   | 300 | V  |
| $V_{g2}$ max.      | 150 | V  |
| $p_{g2}$ max.      | 500 | mW |
| $V_{h-k}$ max.     | 100 | V  |
| $V_{h-k(pk)}$ max. | 200 | V  |

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4694



B7G Base

