



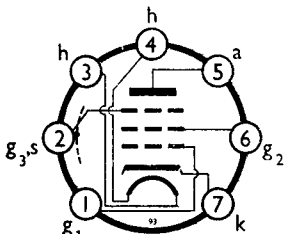
**R.F. REMOTE CUT-OFF
PENTODE
6.3V INDIRECTLY HEATED**

W727/6BA6

NOVEMBER, 1954

The W727/6BA6 is a commercial equivalent of CV.454

BASE CONNECTIONS AND VALVE DIMENSIONS



View from underside
of base.

Base : B7G
Bulb : Tubular

Overall length : 54.5 max. mm
Seated length : 47.5 max. mm.
Diameter : 19 max. mm.

HEATER

V_h	6.3	V
I_h	0.3	A

MAXIMUM RATINGS (design centre)

V_a	300	V
V_{g2}	125	V
V_{h-k}	150	V
P_a	3	W
P_{g2}	0.6	W

CHARACTERISTICS

V_a	250	100	V
V_{g2}	100	100	V
I_a	11.0	10.8	mA
I_{g2}	4.2	4.4	mA
V_{g1}	-1.0	-1.0	V
V_{g1} (for $g_m = 40 \mu A/V$)	-20	-20	V
* V_{g3}	0		V
g_m	4.4	4.3	mA/V
r_a	1.5	0.25	M Ω

* Connected to cathode externally

CAPACITANCES (of cold unscreened valve)

c_{in}	5.5 pF	c_{out}	5.0 pF	c_{a-g1}	0.0035 pF
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MOUNTING

Any position.

SCREENING

An internal screen is fitted.

RETAINING

It is recommended that a retaining device is used.

VENTILATION

No special precautions.

MICROPHONY

The valve is free from microphony in normal receiver applications.

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