SUBMINIATURE R.F. PENTODE

High slope r.f. pentode.

EF734

HEATER

6.3 150

MOUNTING POSITION

Any

Note - Direct soldered connections to the leads of this valve must be at least 5mm from the seal and any bending of the leads must be at least 1.5mm from the seal.

COOLING

In operation this valve may become very hot and to obtain satisfactory life it should be adequately cooled. A suitable method is to mount the valve in a metal clip which conducts the heat away to a suitable heat sink.

CAPACITANCES

	shielded	unshielded
C _{8-g1}	< 0.015	<0.03 pF
Cin	4.2	4.0 pF
Cout	3.4	1.9 pF

CHARACTERISTICS

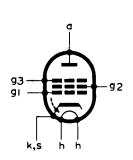
V _a	100	٧
*V _{g3}	0	٧
V_{g2}	100	٧
V_{g1}	-1.5	٧
l	· 7.5	mA
	2.4	mA
g _m	5.0	mA/V
r _a	260	kΩ
V_{g1} ($I_a = 10\mu A$)	-9.0	٧
6- 1- 1		

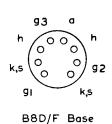
^{*}The suppressor grid should not be used for control or gating purposes.

LIMITING VALUES (absolute ratings)

V _{a(b)} max.	330	V
V _a max.	165	٧
p _s max.	1.1	W
$V_{g2(b)}$ max.	310	٧
V _{g2} max.	155	٧
p _{g2} max.	550	mW
-V _{g1} max.	55	٧
Ik max.	16.5	mΑ
V_{h-k} max.	200	٧

High slope r.f. pentode.





-Tinned - 15-8 to 28-8 - 38 min x 35 max

5164

All dimensions in mm