

VIDEO FREQUENCY PENTODE

EF55

Single-ended R.F. pentode with very high mutual conductance and sharp cut-off.

HEATER

V_h	6.3	V
I_h	1.0	A

CAPACITANCES

C_{out}	12	μF
C_{in}	15	μF
C_{a-g1}	0.15	μF

OPERATING CONDITIONS

V_a	250	250	V
V_{g2}	250	150	V
V_{g1}	-4.5	-4.0	V
I_a	40	10	mA
I_{g2}	5.5	1.0	mA
R_k	100	360	Ω
g_m	12.0	7.0	mA/V
μ_{g1-g2}	28	27	
r_a	55	100	k Ω

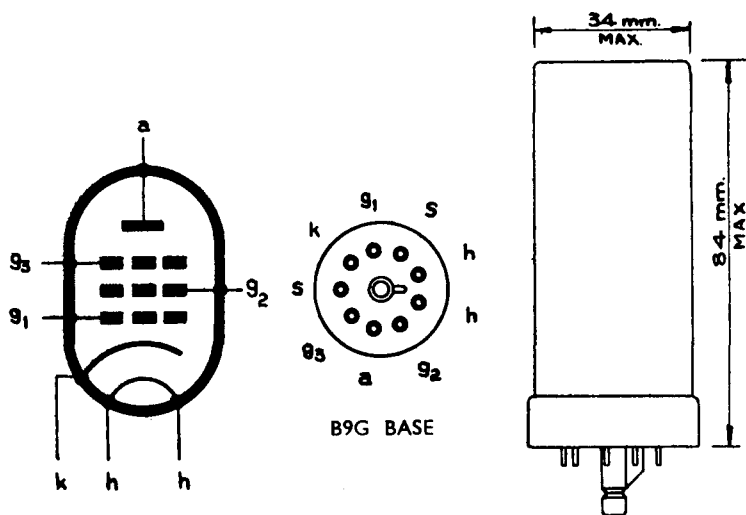
LIMITING VALUES

$V_{a(b)}$ max.	500	V
V_a max.	300	V
$V_{g2(b)}$ max.	300	V
V_{g2} max.	250	V
p_a max.	10	W
p_{g2} max.	2.0	W
V_{h-k} max.	150	V
R_{g1-k} max.	700	k Ω
$i_{k(pk)}$ max. (with 50 μ sec. pulse, 500 pp.s.)	1.5	A

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Note : If mounted horizontally, Pins 4 and 8 must be in a vertical plane.