

VARIABLE-MU R.F. PENTODE

DF33

Variable-mu R.F. pentode for use as
a controlled R.F. or I.F. amplifier.

FILAMENT

This valve is suitable for D.C. operation only.

V_f	1.4	V
I_f	0.05	A

CAPACITANCES

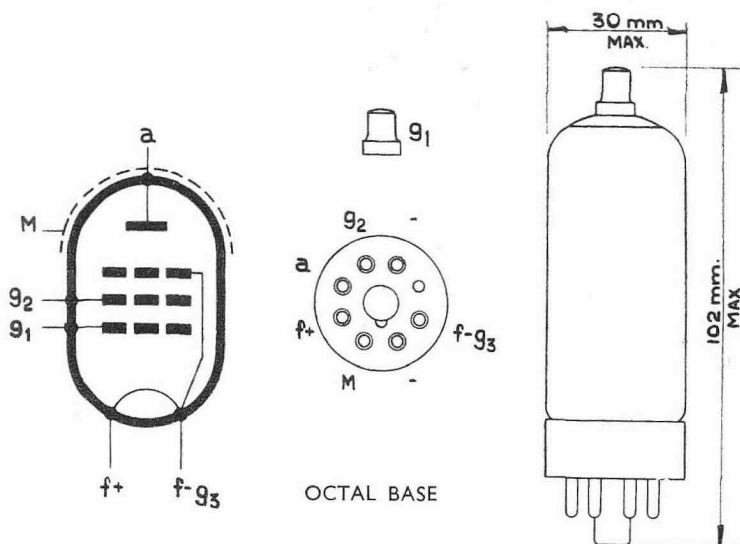
C_{a-g1}	<0.007	$\mu\mu\text{F}$
C_{in}	3.8	$\mu\mu\text{F}$
C_{out}	9.5	$\mu\mu\text{F}$

TYPICAL OPERATING CONDITIONS AS CLASS "A" AMPLIFIER

V_a	90	90	V
V_{g2}	90	90	V
V_{g1}	-4.0	0	V
I_a	—	1.2	mA
I_{g2}	—	0.3	mA
r_a	—	1.5	M Ω
g_m	5.0	750	$\mu\text{A/V}$

LIMITING VALUES

V_a max.	110	V
V_{g2} max.	110	V



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