

DF33

VARIABLE-MU R.F. PENTODE

Variable-mu r.f. pentode for use as a controlled r.f. or i.f. amplifier.

FILAMENT

Suitable for d.c. operation only.

V_f	1.4	V
I_f	50	mA

CAPACITANCES

C_{a-g1}	< 0.007	pF
C_{in}	3.8	pF
C_{out}	9.5	pF

TYPICAL OPERATING CONDITIONS AS CLASS "A" AMPLIFIER

V_a	90	V
V_{g2}	90	V
V_{g1}	0	V
I_a	1.2	mA
I_{g2}	300	μ A
r_a	1.5	M Ω
g_m	750	μ A/V
V_{g1} (for 150 : 1 reduction in g_m)	-4.0	V

LIMITING VALUES

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

