

# 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

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

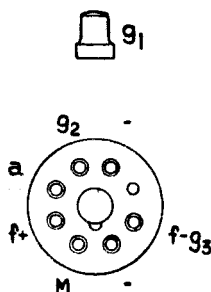
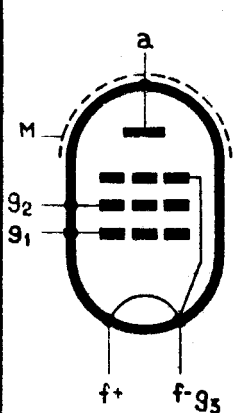
## TYPICAL OPERATING CONDITIONS AS CLASS "A" AMPLIFIER

$V_a$	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.ohms
$S_m$	5.0	750	$\mu\text{A/V}$

## LIMITING VALUES

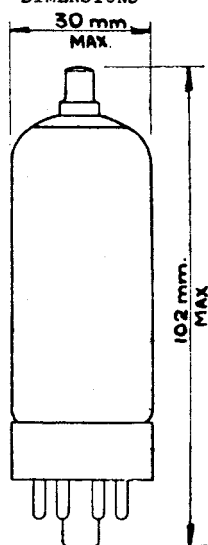
$V_a$ max.	110	V
$V_{g2}$ max.	110	V

## ARRANGEMENT OF ELECTRODES AND BASE CONNECTIONS



OCTAL BASE

## DIMENSIONS



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