

OUTPUT PENTODE

DL33

Output pentode with centre-tapped filament
for use in battery operated equipment.

DL35

OVERLEAF

FILAMENT

Suitable for d.c. operation only.

	Series	Parallel	V
V_f	2.8	1.4	V
I_f	50	100	mA

TYPICAL OPERATING CONDITIONS AS CLASS "A" AMPLIFIER

Filament connection:

	Series			Parallel			
V_{a1}	90	110	85	90	110		V
V_{g2}	90	110	85	90	110		V
V_{g1}	-4.5	-6.6	-5.0	-4.5	-6.6		V
V_{in} (r.m.s.)	3.2	3.6	3.5	3.2	3.8		V
I_b	8.0	8.5	7.0	9.5	10		mA
I_{g2}	1.0	1.1	0.8	1.3	1.4		mA
g_m	2.0	2.0	1.95	2.2	2.2		mA/V
r_a	80	110	70	90	100		k Ω
R_a	8	8	9	8	8		k Ω
P_{out}	230	330	250	270	400		mW
D_{tot}	8.5	8.5	5.5	6.0	6.0		%

LIMITING VALUES

V_b max.	110	V
V_{g2}	110	V
* I_k max.	6	mA
R_{g1} max.	1.0	M Ω

* I_k max. is 6mA for each 1.4V filament section.

