

4 VALVE DATA **PREFERRED TYPES** **E OUTPUT PENTODES**

PL 33 LIMITING VALUES

(contd.)



$V_{a(b)}$ max.	550	V
V_a max.	250	V
p_a max.	9	W
$V_{g2(b)}$ max.	550	V
V_{g2} max.	275	V
$p_{g2(o)}$ max.	1.2	W
p_{g2} (max. sig.) max.	2.5	W
I_k max.	55	mA
R_{g1-k} max. (self bias)	1.0	M Ω
V_{h-k} max.	300	V

BASE:
Octal

DIMENSIONS:
 $L=126$ mm
 $D=46$ mm

PL 38 Output pentode. Suitable for use as line time base output valve in series operated television receivers. **PL38M** is metallised

PL 38M

HEATER

V_h 30 V I_h 0.3 A Suitable for series operation, D.C. or A.C.

CAPACITANCES

PL38M

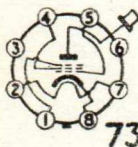
PL38

C_{in}	18	18	μ F
C_{out}	9.5	6.5	μ F
C_{a-g1}	<1.0	<1.2	μ F

CHARACTERISTICS

V_a	200	V
V_{g2}	200	V
V_{g1}	-5.5	V
I_a	75	mA
I_{g2}	9.0	mA
g_m	13.5	mA/V
r_a	20	K Ω
μ_{g1-g2}	16.5	

LIMITING VALUES



V_a max.	800	V
$V_{a(pk)}$ max.	8	KV
V_{g2} max.	400	V
p_a max.	25	W
p_{g2} max.	8	W
I_k max.	200	mA
R_{g1-k} max. ($p_a < 25$ W)	0.5	M Ω^*
R_{g1-k} max. ($p_a < 9$ W)	0.8	M Ω^*
V_{h-k} max.	200	V

BASE: *For self bias operation

PL 38
Octal (73)
PL 38M
Octal (101)

DIMENSIONS:
 $L=141$ mm
 $D=45.5$ mm

