

HEATER

This valve is suitable for AC/DC operation

V_h	6.3	V
I_h	0.2	A

CAPACITANCES

C_{in}	9.0	$\mu\mu F$
C_{out}	10.5	$\mu\mu F$
C_{g1-g4}	< 1.0	$\mu\mu F$
C_{g2-g4}	< 0.25	$\mu\mu F$
C_{a-g4}	< 0.1	$\mu\mu F$
C_{g1-all}	6.0	$\mu\mu F$
C_{g2-all}	5.0	$\mu\mu F$

OPERATING CONDITIONS

Medium and Long wavelengths

V_a	250	V
V_{g2}	200	V
V_{g3+5}	50	V
R_{g1}	50	k Ω
V_{g1} (r.m.s.)	15	V
I_{g1}	300	μA
I_a ($V_{g4} = -2V$)	1	mA
I_a ($V_{g4} = -25V$)	< 0.015	mA
I_{g2} ($I_a = 1mA$)	2.5	mA
I_{g3+5} ($I_a = 1mA$)	0.8	mA
g_c ($I_a = 1mA$)	0.55	mA/V
g_c ($V_{g4} = -25V$)	< 0.002	mA/V
r_a ($I_a = 1mA$)	2	M Ω
r_a ($V_{g4} = -25V$)	> 10	M Ω

Short wavelengths

V_a	250	250	V
V_{g2}	200	200	V
V_{g3+5}	80	80	V
R_{g1}	16	50	k Ω
V_{g1} (r.m.s.)	5	9	V
I_{g1}	275	200	μA
V_{g1}	-4	-4	V
I_a	2.3	1.7	mA
I_{g2}	5.3	4.0	mA
I_{g3+5}	1.9	1.3	mA
g_c	0.65	0.5	mA/V
r_a	0.9	1.4	M Ω

LIMITING VALUES

$V_{a(b)}$ max.	550	V
V_a max.	250	V
p_a max.	1.0	W
$V_{g3+5(b)}$ max.	550	V
V_{g3+5} max.	125	V

LIMITING VALUES (cont.)

* I_{g2} min.	2.0	mA
* I_{g2} max.	3.0	mA
* I_{g3+5} min.	0.6	mA
* I_{g3+5} max.	1.0	mA
† I_{g2} min.	4.2	mA
† I_{g2} max.	6.4	mA
† I_{g3+5} min.	1.5	mA
† I_{g3+5} max.	2.3	mA
‡ I_{g2} min.	3.2	mA
‡ I_{g2} max.	4.8	mA
‡ I_{g3+5} min.	1.0	mA
‡ I_{g3+5} max.	1.6	mA
p_{g3+5} max.	0.3	W
R_{g4} max.	2.5	M Ω
V_{g4} max. ($I_{g4}=0.3\mu A$)	-1.3	V
$V_{g2(b)}$	550	V
p_{g2} max.	1.3	W
R_{g1} max.	100	k Ω
I_k max.	12	mA
R_{h-k} max.	5.0	k Ω
V_{h-k} max.	50	V
V_{g2} max.	225	V

* Medium and long wave operation ($V_{g1}=15V_{(r.m.s.)}$)

† Short wave operation ($V_{g1}=5V_{(r.m.s.)}$)

‡ Short wave operation ($V_{g1}=9V_{(r.m.s.)}$)

