

2D21

	Min.	Av.	Max.	
V_h	5.7	6.3	6.9	V
$I_h(V_2=6.3V)$	0.54	0.6	0.66	A

Suitable for use on either D.C. or A.C.
 Heating time 10 secs.

Measured without external shield

C_{a-g1}	0.03	$\mu\mu F$
C_{in}	2.5	$\mu\mu F$
C_{out}	1.6	$\mu\mu F$

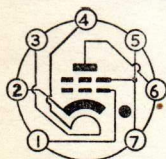
Anode voltage drop 8 V
Grid 1 control ratio ($R_{g1}=0\ \Omega$ $V_{g2}=0\text{ V}$) 250 approx.
Grid 2 control ratio ($R_{g1}=0\ \Omega$ $V_{g2}=0\text{ V}$) 1,000 approx.

For relay applications

Anode voltage (r.m.s.)	400	V
Grid 2 voltage	0	V
Grid 1 voltage (D.C.)	-6	V
Grid 1 signal voltage (pk.)	6	V
Grid 1 circuit resistance	1.0	M Ω
Anode circuit resistance*	2,000	Ω

*Sufficient resistance must be used to avoid exceeding the limiting current values.

Peak anode voltage :	Forward max.	650	V
	Inverse max.	1,300	V
Grid 2 voltage :			
Peak before anode conduction max.		-100	V
Average during anode conduction max.		-10	V
Grid 1 voltage :			
Peak before anode conduction max.		-100	V
Average during anode conduction max.		-10	V
Cathode current :	Peak max.	0.5	A
	*Average max.	0.1	A
	Surge for 0.1 second max.	10	A
Grid 2 current :	*Average max.	0.01	A
Grid 1 current :	*Average max.	0.01	A
Peak heater-cathode voltage :			
Heater negative max.		100	V
Heater positive max.		25	V
Ambient temperature range		-75 to +90	°C
Averaged over any 30 second interval.			



DIMENSIONS :
L=54mm
D=19 mm

