

Specification AD/CV1181/Issue 6. Dated 12.6.47. To be read in conjunction with K1001.	<u>SECURITY</u>	
	<u>Specn.</u> Restricted	<u>Valve</u> Unclassified

<u>TYPE OF VALVE</u> :- Output Pentode or Beam Tetrode.			<u>MARKING</u>		<u>PACKING</u>	
<u>CATHODE</u> :- Indirectly heated.			See K1001/4.		See K1001/7	
<u>ENVELOPE</u> :- Glass, clear.			<u>BASE</u> B7 See K1001/AIV/D5.3.			
<u>PROTOTYPE</u> :- KT41.						
<u>RATING</u>			<u>Pin</u> <u>Electrode</u>			
			Note			
Heater Voltage	(V)	4.0	1	No connection		
Heater Current	(A)	1.5	2	Control grid		
			3	Screen grid		
			4	Heater		
			5	Heater		
			6	Cathode		
			7	Anode		
Max. Anode Voltage	(V)	250	<u>DIMENSIONS</u>			
Max. Screen Voltage	(V)	250	See K1001/AI/D1.			
Mutual Conductance (mA/V)		10.5	<u>Dimension</u>		<u>Min.</u>	<u>Max.</u>
			A mm		-	132
			B mm		-	55

NOTE

A. At $V_a = 250 \text{ V}$, $V_{g2} = 250 \text{ V}$, $I_a = 40 \text{ mA}$.

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions					Test	Limits		No. Tested
							Min.	Max.	
a	See K1001/AIII.					Capacitances (pF.)			6 per week
	Links to H.P.	Links to L.P.	Links to E						
	7	2	1,3,4,5, 6,8,9,10, TC1,TC2.						
	7	1,3,4,5, 6.	2,8,9,10, TC1,TC2.						
	2	1,3,4,5, 6.	7,8,9,10, TC1,TC2.			(iii) Cge	-	20	
b	Vh (V)	Va (V)	Vg2 (V)	Vg1 (V)	Ia (mA)	Ih (A)	1.25	1.85	100% or S
	4.0	-	-	-	-				
c	4.0	250	250	Ad- justed	40	Vg1 (V)	-2.75	-6.1	100%
d	4.0	250	250	Ad- justed	40	Ig2 (mA)	-	13.0	100% or S
e	4.0	250	250	Ad- justed	40	gm (mA/V)	7.2	12.6	100%
f	4.0	250	250	Ad- justed	40	Reverse Ig1 (uA)	-	1.5	100%