

Specification MAP/CV1066/Issue 6 Dated 6.1.49 To be read in conjunction with K1001.	<u>SECURITY</u>	
	<u>Specification</u> RESTRICTED	<u>Valve</u> UNCLASSIFIED

→ Indicates a change

<u>TYPE OF VALVE:</u> Triode		<u>MARKING</u>	
<u>CATHODE:</u> Indirectly heated		See K1001/4	
<u>ENVELOPE:</u> Glass - Metallised		<u>PACKING</u>	
<u>COMMERCIAL PROTOTYPE:</u> P 41 (mod.)		See K1005	
<u>RATING</u>		<u>BASE</u>	
		M.O.	
Heater Voltage	V 6.3	Pin	Electrode
Heater Current	A 0.64	1	Heater
Maximum Anode Voltage	V 250	2	Cathode
Maximum Anode Dissipation	W 4.0	3	Anode
Mutual Conductance	mA/V 8.0	4	No connection
Anode Impedance	Ω 2100	5	Grid
Amplification Factor	17	6	Metallising
Maximum Operating Frequency Mc/s	100	7	Pin Omitted
		8	Heater
<u>CAPACITANCES (pF)</u>		<u>DIMENSIONS</u>	
		See K1001/A1/B1	
Cae	4.75	Dimensions	Min. Max.
Cge	7.0	A (mm)	- 92
Cag	3.5	B (mm)	- 36
Chc	6.35		

NOTES

A. $V_a = 100$, $V_g = 0$.

TESTS

To be performed in addition to those applicable in K1001.

Clause	Test Conditions				Test	Limits		No. Tested
						Min.	Max.	
a	See K1001/AIII. Measured using Adaptor type 38 Ref. 10A/13334				Capacitances (pF)			6 per week
	Links to H.P.	Links to L.P.	Links to E					
	3	1,2,4,6,8	5,7,9,10 TC1, TC2		1. Cae	4.25	5.7	
	5	1,2,4,6,8	3,7,9,10 TC1, TC2		2. Cge	6.3	8.0	
	3	5	1,2,4,6,7,8,9,10 TC1, TC2		3. Cag	3.0	4.0	
	1	2	3,4,5,6,7,9,10 TC1, TC2		4. Cho	-	10.0	
b	Vh	Va	Vg	Ia(mA)	Ih (A)	0.57	0.70	100% or 8
	6.3	0	0	-				
c	6.3	200	-9	-	Reverse Ig (μ A)	-	0.5	100%
d	6.3	200	-	15	Vg	-7.0	-11.5	100%
e	6.3	200	2.V positive the value found in test d.	-	Ia rise (mA)	9.0	12.5	100%