

Specification MAP/CV1073/Issue 4 Dated 30.8.46. To be read in conjunction with K1001.	<u>SECURITY</u>	
	<u>Specification</u> RESTRICTED	<u>Valve</u> RESTRICTED

→ Indicates a change

<u>TYPE OF VALVE</u> - Triode <u>CATHODE</u> - Indirectly heated <u>ENVELOPE</u> - Glass-unmetallised <u>PROTOTYPE</u> - H63			<u>MARKING</u> See K1001/4		
<u>RATING</u>			<u>BASE</u>		
			I.O.		
		Note	Pin	Electrode	
Heater Voltage	(V)	6.3	1	No connection	
Heat Current	(A)	0.3	2	Heater	
Max. Anode Voltage	(V)	250	3	Pin omitted	
Mutual Conductance	(mA/V)	1.5	4	Anode	
Anode Impedance	(Ω)	66,000	5	Pin omitted	
Amplification Factor		99	6	Pin omitted	
			7	Heater	
			8	Cathode	
			T.C.	Control Grid	
<u>NOTE</u>			<u>TOP CAP</u>		
A. At $V_a = 250V.$, $V_g = -2.0V.$, $I_a = 1 \text{ mA.}$			See K1001/AI/D5.2		
			<u>DIMENSIONS</u>		
			See K1001/AI/D1.		
Dimension		Min.	Max.		
A	(mm)	-	115		
B	(mm)	-	39		

CV1073

TESTS

Page 2.

To be performed in addition to those applicable in K1001.

	Test Conditions			Test	Limits		No. Tested
	Vh	Va	Vg		Min.	Max.	
a	6.3	0	0	Ih (A)	0.277	0.323	100% or S
b	6.3	250	-2	Ia (mA)	0.7	1.4	100%
c	6.3	250	-3	Ia (μ A)	-	300	100%
d	6.3	250	-2	Reverse Ig (μ A)	-	1.0	100%
e	6.3	250	-2	gm (mA/V)	1.2	1.8	100%
		Peak grid swing $\pm 1.0V$. max.					