

Specification MAP/CV207/Issue 2 Dated 29.8.46. To be read in conjunction with K1001.	<table> <tr> <th colspan="2"><u>SECURITY</u></th></tr> <tr> <td><u>Specification</u></td><td><u>Valve</u></td></tr> <tr> <td>RESTRICTED Unclass</td><td>RESTRICTED Unclass</td></tr> </table>	<u>SECURITY</u>		<u>Specification</u>	<u>Valve</u>	RESTRICTED Unclass	RESTRICTED Unclass
<u>SECURITY</u>							
<u>Specification</u>	<u>Valve</u>						
RESTRICTED Unclass	RESTRICTED Unclass						

→ Indicates a change

<u>TYPE OF VALVE</u> : Triode				<u>MARKING</u>		
<u>CATHODE</u> : Indirectly heated				See K1001/4		
<u>ENVELOPE</u> : Glass						
<u>PROTOTYPE</u> : ACP4						
<u>RATING</u>			Note	<u>BASE</u>		
				B5		
Heater Voltage (V)			4.0	Pin	Electrode	
Heater Current (A)			1.1	1	No connection	
Max. Anode Voltage (kV)			1.0	2	Grid	
Mutual Conductance (mA/V)			7.0	3	Heater	
Amplification Factor			20	4	Heater	
Max. Anode Dissipation(W)			6.0	5	Cathode	
				T.C.	Anode	
<u>CAPACITANCES</u> (pF)				<u>TOP CAP</u>		
Cae			1.8	See K1001/AI/D5.1		
Cge			7.25			
Cag			6.0			
<u>NOTE</u>				<u>DIMENSIONS</u>		
A. At Va = 100V., Vg = 0V.				See K1001/AI/D1		
				Dimension		Min. Max.
				A (mm)	-	130
				B (mm)	-	42

To be performed in addition to those applicable in K1001.

	Test Conditions				Test	Limits		No. Tested
	Vh	Va	Vg1	Ia(mA)		Min.	Max.	
a	4.0	0	0	0	Ih (A)	0.99	1.21	100% or S
b	4.0	1000 applied through 0.1M Ω	Adjusted	4.75	Reverse Ig (μ A)	-	1.0	100%
c	4.0	1000 applied through 0.1M Ω	-	4.75	Vg (V)	-19	-33	100%
d	4.0	100	0 to -3	-	gm (mA/V)	5.3	-	100%
e	4.0	Adjusted	-1	Value corres- ponding to Va = 100V, Vg = 0V	Va (V)	117	126	6 per week