

Specification MAP/CV1059/Issue 6 Dated 6.4.46. To be read in conjunction with K1001.	<table border="1"> <tr> <th colspan="2">SECURITY</th></tr> <tr> <td>Specification</td><td>Valve</td></tr> <tr> <td>RESTRICTED</td><td>RESTRICTED</td></tr> </table>	SECURITY		Specification	Valve	RESTRICTED	RESTRICTED
SECURITY							
Specification	Valve						
RESTRICTED	RESTRICTED						

—→ Indicates a change

<u>TYPE OF VALVE</u> - Acorn Triode			<u>MARKING</u>	
<u>CATHODE</u> - Indirectly heated			See K1001/4	
<u>ENVELOPE</u> - Glass - unmetallised				
<u>PROTOTYPE</u> - HA2, 955, 4671				
<u>RATING</u>			<u>BASE</u>	
			None	
			See Note B	
			<u>Pin</u>	<u>Electrode</u>
Heater Voltage (V)			1	Heater
Heater Current (A)			2	Anode
Max. Anode Voltage (V)			3	Control grid
Max. Anode Dissipation (W)			4	Heater
Mutual Conductance (mA/V)			5	Cathode
Amplification Factor				
Anode Impedance (Ω)				
<u>CAPACITANCES (pF)</u>			<u>DIMENSIONS</u>	
Ca-c+h			See K1001/AI/D4.1.2.	
Cg-c+h				
Cag				

NOTESA:- $V_a = 180 \text{ V.}$, $V_g = -5.$

B:- Pins are to be plated.

To be performed in addition to those applicable in K1001.

	Test Conditions			Test	Limits		No. Tested	Note
					Min.	Max.		
a	See K1001/AIII			<u>Capacitances (pF)</u>			6 per week	1
	Links to H.P.	Links to L.P.	Links to E.					
	2	1,4,5	3,6,7,8, 9,10, TC1,TC2.					
	3	1,4,5	2,6,7,8, 9,10, TC1,TC2					
b	See K1001/AIII			<u>Capacitance (pF)</u>			6 per week	1
	Links to H.P.	Links to L.P.	Links to E.					
	2	3	6,7,8, 9,10, TC1, TC2.					
			1,4,5.					
c	Vh	Va	Vg	Ih (A)	0.135	0.165	100% or S	
	6.3	0	0					
d	6.3	250	-7	Ia (mA)	4.0	8.1	100%	
e	6.3 Peak grid swing	250	-7 ± 0.5 V. max.	gm (mA/V)	1.65	2.75	100%	
f	6.3	250	-7	/u	21.5	28.5	100% or S	
g	6.3	250	-7	Reverse Ig (uA)	-	1.0	100%	

NOTES

1:- The valve shall be subjected to either test 'a' or 'b'.