

Specification MAP/CV1569/Issue 4 Dated 20.12.45. To be read in conjunction with K1001 ignoring clauses:- 5.2 and 5.8.	<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> - High Vacuum Full-Wave Rectifier.				<u>MARKING</u> See K1001/4			
<u>CATHODE</u> - Indirectly heated.							
<u>ENVELOPE</u> - Glass - unmetallised							
<u>RATING</u>				<u>BASE</u> B.4			
				<u>Note</u>			
Heater Voltage (V) 4.0							
Heater Current (A) 2.5							
Max. Applied R.M.S. Voltage (V) 400							
Max. Working Peak Inverse Voltage (V) 1100							
Max. No Load Peak Inverse Voltage (V) 1400							
Max. Mean D.C. Rectified Current (mA) 180							
Max. Peak Anode Current (mA) 600							
Max. Reservoir Condenser (μF) 16							
Min. Limiting resistance per Anode introduced externally (Ω) 100							

To be performed in addition to those applicable
in K1001

	Test Conditions		Test	Limits		No. Tested	Note
	Vh	Va		Min.	Max.		
a	4.0V. A.C. or D.C.	0	Ih (A)	-	2.6	100% or S	
b	4.0 V. A.C. or D.C.	32V. D.C. max.	Ia (mA)	175	-	100%	1
c	4.0 V. A.C.	Input voltage 400-0-400 R.M.S. Frequency 50 c.p.s. D.C. Load 180mA. (nom.) Reservoir Condenser 8 μ F. Effective resistance in series with each anode 100 ohms approx.	<u>Load Test.</u> Output Voltage. Reject for softness or persistent flash-over.	425	-	100%	

NOTE

1:- Test (b) shall be applied to each anode.