

Specification MAP/CV1064/Issue 6 Dated 29.10.47. To be read in conjunction with K1001, ignoring clauses 5.2, 5.8.	<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</td><td>UNCLASSIFIED</td></tr> </table>	<u>SECURITY</u>		<u>Specification</u>	<u>Valve</u>	RESTRICTED	UNCLASSIFIED
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RESTRICTED	UNCLASSIFIED						

————— Indicates a change

<u>TYPE OF VALVE</u> : High Vacuum full wave rectifier			<u>MARKING</u>		
<u>CATHODE</u> : Directly heated			See K1001/4.		
<u>ENVELOPE</u> : Glass-umetallised					
<u>RATING</u>			<u>BASE</u>		
			B4		
			Note		
Filament Voltage (V)	4.0		Pin	Electrode	
Filament Current (A)	2.5		1	Anode	
Max. Applied R.M.S. Voltage (V)	500		2	Anode	
Max. Working Peak Inverse Voltage (V)	1350		3	Filament	
Max. No Load Peak Inverse Voltage (V)	1500		4	Filament	
Max. Mean D.C. Rectified Current (mA)	120		<u>DIMENSIONS</u>		
Max. Peak Anode Current (mA)	400		See K1001/A1/D1		
Max. Reservoir Condenser (μF)	16		Dimension	Min.	Max.
Min. Limiting Resistance per anode introduced externally (Ω)	150		A (mm)	-	122
			B (mm)	-	45

To be performed in addition to those applicable in K1001.

	Test Conditions			Test	Limits		No, Tested	Note
	Vf	Va	Ia(mA)		Min.	Max.		
a	4.0 (A.C. or D.C.)	-	-	If (A)	-	2.8	100% or S	
b	4.0 (A.C. or D.C.)	-	120	Va (V)	-	65	100%	1
c	4.0 A.C.	Input voltage 500-0-500 R.M.S. Frequency 50 c.p.s. D.C. Load Current 120 mA. Reservoir Condenser 4 μ F. Effective resistance in series with each anode 150 Ω approx.		<u>Load Test</u> Run one minute, reject for softness or persistent flashover.			100%	

NOTE

1. Test to be applied to each anode.