

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

→ Indicates a change

<u>TYPE OF VALVE</u> : High Vacuum full wave rectifier <u>CATHODE</u> : Directly heated <u>ENVELOPE</u> : Glass-ummetallised	<u>MARKING</u> See K1001/4.
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<u>RATING</u>	Note	<u>BASE</u> B4	
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> See K1001/A1/D1	
Max. Peak Anode Current (mA)	400	Dimension	Min. Max.
Max. Reservoir Condenser (μF)	16	A (mm)	- 122
Min. Limiting Resistance per anode introduced externally (Ω)	150	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 Conden- ser 4 μ F. Effect- ive resistance in series with each anode 150 Ω approx.		<u>Load Test</u> Run one minute, re- ject for softness or persistent flashover.			100%	

NOTE

1. Test to be applied to each anode.