

Specification MAP/CV1575/Issue 5 Dated 7.1.49. To be read in conjunction with K1001.	<u>SECURITY</u>	
	<u>Specification</u> RESTRICTED	<u>Valve</u> UNCLASSIFIED

→ Indicates a change

<u>TYPE OF VALVE</u> - Full Wave Rectifier		<u>MARKING</u> See K.1001/4	
<u>CATHODE</u> - Indirectly heated		<u>PACKING</u> See K1005	
<u>ENVELOPE</u> - Glass-ummetallised			
<u>RATING</u>		<u>BASE</u> I.O.	
		Note	
Heater Voltage (V)	5.0	Pin	Electrode
Heater Current (A)	3.0		
Max. Anode Voltage per Anode (V) (RMS)	500	1	No connections
Max. Rectified Current (mA)	250	2	Heater
		A	3
		4	Anode
		5	Pin omitted
		6	Anode
		7	Pin omitted
		8	Heater and Cathode
<u>NOTE</u>		<u>DIMENSIONS</u>	
A. With condenser input filter, max. capacitance 4 μ f.		See K1001/AI/D1.	
		Dimension	Min. Max.
		A	(mm) - 136
		B	(mm) - 51

This Valve Type is obsolete and this specification is for record purposes only.

TESTS

To be performed in addition to those applicable in K.1001.

	Test Conditions		Test	Limits		No. Tested	Note
	Vh	Va		Min.	Max.		
a	5.0 A.C.	0	Ih (A)	-	3.3	100% or S	
b	5.0 A.C.	60	Ia (mA)	200	-	100%	1
c	5.0 A.C.	Input voltage 500-0-500 R.M. S. Frequency 50 c.p.s. D.C. Load Current 250mA Reservoir Condenser 4 μ F Effective resistance in series with each anode 75 ohms.	<u>LOAD TEST</u> Output Vol- tage (V)	480	-	100%	

NOTE

1. Test to be applied to each half of the valve.