

Specification MAP/CV1569/Issue 4 Dated 20.12.45. To be read in conjunction with K1001 ignoring clauses:- 5.2 and 5.8.	<u>SECURITY</u>	
	<u>Specification</u> RESTRICTED	<u>Valve</u> RESTRICTED

→ Indicates a change

<u>TYPE OF VALVE</u> - High Vacuum Full-Wave Rectifier. <u>CATHODE</u> - Indirectly heated. <u>ENVELOPE</u> - Glass - unmetallised		<u>MARKING</u> See K1001/4	
<u>RATING</u>		<u>BASE</u> B.4	
	Note	Pin	Electrode
Heater Voltage (V)	4.0	1	Anode
Heater Current (A)	2.5	2	Anode
Max. Applied R.M.S. Voltage (V)	400	3	Heater and Cathode
Max. Working Peak Inverse Voltage (V)	1100	4	Heater
Max. No Load Peak Inverse Voltage (V)	1400	<u>DIMENSIONS</u> See K1001/AI/D1.	
Max. Mean D.C. Rectified Current (mA)	180	Dimension	Min. Max.
Max. Peak Anode Current (mA)	600	A (mm)	- 136
Max. Reservoir Condenser (µF)	16	B (mm)	- 52
Min. Limiting resistance per Anode introduced externally (Ω)	100		

# CV1569

## TESTS

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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	4.0V. 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 $\mu$ 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.