

Specification MAP/CV1033/Issue 6 Dated 5.2.47. To be read in conjunction with K1001.	<u>SECURITY</u>	
	<u>Specification</u> RESTRICTED	<u>Valve</u> RESTRICTED

→ Indicates a change

<u>TYPE OF VALVE</u> - Diode		<u>MARKING</u> See K1001/4			
<u>CATHODE</u> - Directly heated, oxide coated					
<u>ENVELOPE</u> - Glass-unmetallised					
<u>RATING</u>		<u>BASE</u> B4			
Filament Voltage (V)	2.0	Note A A	<u>Pin</u> <u>Electrode</u>		
Filament Current (A)	0.4		1	Anode or Anode + grid in parallel.	
			2	No connection	
			3	Filament negative (See Note B)	
			4	Filament positive	
		<u>DIMENSIONS</u> See K1001/AI/D1			
		<u>Dimension</u>		<u>Min.</u>	<u>Max.</u>
		A	(mm)	-	111
		B	(mm)	-	44
		C	(mm)	-	36

NOTES

- A. Filament supplied from 2.0V. battery through an external resistance of 0.75Ω .
- B. If additional bias is necessary a resistance of 0.25Ω may be included in the filament negative lead in the base.

This valve is obsolete and this specification is for record purposes only.

To be performed in addition to those applicable in K1001

	Test Conditions		Test	Limits		No. Tested	Note
	Vf	Va		Min.	Max.		
a	2.0	0	If (A)	.36	.44	100% or S	1
b	2.0	Anode connected to filament battery negative	Ia (μ A)	-	2.0	100%	1
ci	2.0	10	Ia (mA)	20	-	100%	1
ii	2.0	20	Ia (mA)	60	-		
iii	2.0	30	Ia (mA)	100	-		

NOTE

- 1 :- Filament supplied from a 2.0v battery with a .75 Ω external resistance in negative lead.