

Specification MAP/CV1094/Issue 7 Dated 5.3.47. To be read in conjunction with K1001, ignoring clause 5.2.	<u>SECURITY</u>	
	<u>Specification</u> RESTRICTED	<u>Valve</u> RESTRICTED

—————> Indicates a change

<u>TYPE OF VALVE</u> - Triode <u>CATHODE</u> - Directly heated <u>ENVELOPE</u> - Glass-urmetallised		<u>MARKING</u> See K1001/4		
<u>RATING</u>		Note	<u>BASE</u> Special 4-pin low loss	
Filament Voltage (V)	5.8		Pin	Electrode
Filament Current (A)	1.43		1	Anode
Max. Anode Voltage (kV)	1.2		2	Filament
Max. Anode Dissipation (W)	40		3	Filament
Mutual Conductance (mA/V)	1.75		4	Grid
Amplification Factor	45		A	
Max. Operating Frequency (Mc/s)	6	A	<u>DIMENSIONS</u> See K1001/AI/D1	
			Dimension	Min. Max.
			A (mm)	- 125
			B (mm)	48.5 55

NOTE

A. At $V_a = 1kV.$, $V_g = -2.5$

To be performed in addition to those applicable in K1001.

	Test Conditions				Test	Limits		No. Tested
	Vf	Va	Vg	Ia(mA)		Min.	Max.	
a	5.8	Strapped, Max. applied voltage 125V.		-	Ic (mA)	100	-	100%
b	5.8	0	0	0	If (A)	1.25	1.6	100% or S
c	5.8	1000	0	-	Ia (mA)	12.0	24.0	100%
d	5.8	1000	0 to -5.0	-	Change in Ia (mA)	5.0	12.0	100%
e	5.8	Ad- just- ed	-5.0	Value found in test 'c'	Va (V)	1150	1300	100% or S
f	5.8	1200	0	-	<u>Dissipation</u> There shall be no appear- ance of blue glow or other evidence of deterioration. Variation in Ia during last 2 min- utes (mA)	-	1.0	100%
g	5.8	1500	-	20	Reverse Ig (μ A)	-	15.0	100%

Conditions maintained for
4 minutes

To be applied immediately
following test 'f'.