

Specification MAP/CV1568/Issue 7 Dated 3.10.46 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 thoriated tungsten <u>ENVELOPE</u> - Glass-Ummetallised	<u>MARKING</u> See K1001/4
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<u>RATING</u>		<u>BASE</u> L4
	Note	
Filament Voltage (V)	12.0	Pin
Filament Current (A)	1.85	1
Max. Anode Voltage (kV)	2.0	2
Max. Anode Dissipation (W)	100	3
Mutual Conductance (mA/V)	1.0	4
Anode Impedance ( $\Omega$ )	22,000	Electrode
Amplification Factor	22	Anode
Max. Operating Frequency (Mc/s)	7.5	Filament
		Filament
		Grid
	A	
	A	
		<u>DIMENSIONS</u>
		See K1001/AI/D1
		Dimension
		Min.
		Max.
		A (mm)
		-
		203
		B (mm)
		-
		83

NOTE

A:  $V_a = 1 \text{ kV}$ ,  $V_g = 0$ .

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

	Test Conditions			Test	Limits		No. Tested
	Vf (AC)	Va	Vg		Min.	Max.	
a	12.0	0	0	If (A)	1.75	1.95	100%
b	12.0	Anode and grid strapped 750 volts applied See K1001 /A5		Ie (A)	1.0	-	100%
c	12.0	2000 Test operated for 4 minutes	-	Variation, after first minute, in Vg necessary to maintain dissipation of 100 W	-	10	100%
d	12.0	1000	-6	Ia (mA)	24	36	100%
e	12.0	1000	-6	Ra ( $\Omega$ )	17,000	27,000	100%
f	12.0	1000	-6	$\mu$	17	27	100%