

RRE

Specification MAP/CV1067/Issue 5 Dated 30.8.46. To be read in conjunction with K1001.	<table> <tr> <th colspan="2">SECURITY</th></tr> <tr> <td>Specification RESTRICTED</td><td>Valve RESTRICTED</td></tr> </table>	SECURITY		Specification RESTRICTED	Valve RESTRICTED
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—————> Indicates a change

<u>TYPE OF VALVE</u> : Triode				<u>MARKING</u>			
<u>CATHODE</u> : Indirectly heated				See K1001/4			
<u>ENVELOPE</u> : Glass-unmetallised							
<u>PROTOTYPE</u> : L63							
<u>RATING</u>			<u>Note</u>		See K1001/1A1V/D1		
					M Dimension <u>BASE</u>		
					(iii) applies I.O.		
Heater Voltage (V)			6.3		Pin	Electrode	
Heater Current (A)			0.3		1	No connection	
Max. Anode Voltage (V)			250		2	Heater	
Max. Anode Dissipation (W)			2.5		3	Anode	
Mutual Conductance (mA/V)			2.6	A	4	Pin omitted	
Amplification Factor			20	A	5	Grid	
Anode Impedance (Ω)			7,700	A	6	Pin omitted	
					7	Heater	
					8	Cathode	
<u>NOTE</u>					<u>DIMENSIONS</u>		
A. $V_a = 250V.$, $V_g = -8V.$, $I_a = 9.0mA.$					See K1001/A1/D1		
Dimension			Min.	Max.			
A (mm)			-	107			
B (mm)			-	40			

To be performed in addition to those applicable in K1001.

	Test Conditions			Test	Limits		No. Tested
	Vh	Va	Vg		Min.	Max.	
a	6.3	0	0	Ih (A)	0.27	0.33	100% or S
b	6.3	250	-8	Reverse I_{g1} (μ A)	-	1.0	100%
c	6.3	250	-8	Ia (mA)	6.4	11.6	100%
d	6.3	250	-8	gm (mA/V)	2.1	3.1	100%
Peak grid swing $\pm 1.0V$. max.							
e	6.3	250 through 4 M Ω	-24	Ia tail (μ A)	-	20.0	100%