

Specification MAP/CV1574/Issue 4 Dated 11.3.47. To be read in conjunction with K1001	<table> <tr> <th colspan="2"><u>SECURITY</u></th></tr> <tr> <td><u>Specification</u> RESTRICTED</td><td><u>Valve</u> RESTRICTED</td></tr> </table>	<u>SECURITY</u>		<u>Specification</u> RESTRICTED	<u>Valve</u> RESTRICTED
<u>SECURITY</u>					
<u>Specification</u> RESTRICTED	<u>Valve</u> RESTRICTED				

—————> Indicates a change

<u>TYPE OF VALVE</u> - H.F. Pentode				<u>MARKING</u>			
<u>CATHODE</u> - Indirectly heated				See K1001/4			
<u>ENVELOPE</u> - Glass - metallised							
<u>PROTOTYPE</u> - S.P.41.							
<u>RATING</u>			Note	<u>BASE</u>			
				M.O.			
Heater Voltage (V)			A	Pin	Electrode		
Heater Current (A)				1	Heater		
Max. Anode Voltage (V)				2	Cathode		
Max. Screen Voltage (V)				3	Anode		
Max. Anode Dissipation (W)				4	Screen grid		
Max. Screen Dissipation (W)				5	Suppressor grid		
Mutual Conductance (mA/V)				6	Metallising		
Max. Operating Frequency (Mc/s)				7	Pin omitted		
				8	Heater		
				T.C.	Control grid		
<u>CAPACITANCES (pF)</u>				<u>TOP CAP</u>			
C _{ae}				See K1001/AI/D5.1			
C _{gs}							
C _{ag} (max.)				<u>DIMENSIONS</u>			
				See K1001/AI/D1.			
<u>NOTE</u>							
A. V _a = V _{g2} = 200, V _{g1} = -1.85, I _a = 8 mA.							

To be performed in addition to those applicable in K1001

Test Conditions							Test	Limits		No. Tested
								Min.	Max.	
a	See K1001/AIII						<u>CAPACITANCES(pF)</u>			
	Links to H.P.	Links to L.P.		Links to E.						
	3	1,2,4,5,6, 8.		7,9,10, TC1, TC2						
	TC1	1,2,4,5,6, 8.		3,7,9,10, TC2						
	3	TC1		1,2,4,5,6, 7,8,9,10, TC2						
	Vh	Va	Vg2	Vg3	Vg1	Ia(mA)				
b	4.0	0	0	0	0	0	Ih (A)	0.90	1.0	100% or S
c	4.0	200	200	0	-	8.0	Vg1 (V)	-1.2	-2.33	100%
d	4.0	200	200	0	-	8.0	Ig2 (mA)	1.5	2.5	100% or S
e	4.0	200	200	0	-	8.0	Reverse Ig (μA)	-	0.5	100%
f	4.0	200	200	0	1V. +ve to value in test 'c'	-	Ia (mA)	14.6	-	100%