

Specification MAP/CV1074/Issue 4 Dated 30.8.46. 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> : Tetrode <u>CATHODE</u> : Indirectly heated <u>ENVELOPE</u> : Glass-ummatalised <u>PROTOTYPE</u> : KTZ 63.			<u>MARKING</u> See K1001/4			
<u>RATING</u>		Note	<u>BASE</u> I.O.			
Heater Voltage (V)	6.3		Pin	Electrode		
Heater Current (A)	0.3	A A A	1	Internal Shield		
Max. Anode Voltage (V)	300		2	Heater		
Max. Screen Voltage (V)	125		3	Anode		
Max. Anode Dissipation (W)	0.75		4	Screen grid		
Max. Screen Dissipation (W)	0.1		5	No connection		
Screen Current (mA)	0.5		6	Pin omitted		
Anode Current (mA)	2.0		7	Heater		
Mutual Conductance (mA/V)	1.25		8	Cathode		
			T.C.	Control Grid		
<u>CAPACITANCES (pf)</u>				<u>TOP CAP</u> See K1001/AI/D5.2		
C _{ag} (max.)	0.007					
C _{ge}	4.7					
C _{ae}	7.5					
<u>NOTE</u>			<u>DIMENSIONS</u> See K1001/AI/D1.			
A. $V_a = 250V.$, $V_{g2} = 100V.$, $V_{g1} = -3.0V.$			Dimension	Min.	Max.	
			A	(mm)	-	121
			B	(mm)	-	40

To be performed in addition to those applicable in K1001

	Test Conditions				Test	Limits		No. Tested
	See K1001/ALL					Min.	Max.	
a	Links to H.P.	Links to L.P.	Links to E.		<u>CAPACITANCES</u> (pF)			
					Cag	-	0.007	T.A.
	TC1	1,2,4,5,7,8	3,9,10,TC2		Cgs	3.5	5.5	6 per week
	3	1,2,4,5,7,8.	9,10,TC1,TC2		Cae	5.5	9.5	
b	Vh	Va	Vg2	Vg1	Ih (A)	0.27	0.33	100% or S
	6.3	0	0	0				
c	6.3	250	100	-3	Ia (mA)	1.5	2.5	100%
d	6.3	250	100	-3	Ig2 (mA)	0.3	0.5	100% or S
e	6.3	250	100	-3	gm (mA/V)	0.9	1.65	100%
f	6.3	250	100	-3	Reverse Ig1 (μA)	-	1.0	100%
g	6.3	250	100	-6	Ia tail(μA)	-	300	100%