

MINISTRY OF SUPPLY (S.R.D.E.)

Specification MOS/CV1334/Issue 4 Dated 21.2.46. To be read in conjunction with K1001.	<u>SECURITY</u> <u>Specification</u> Restricted	<u>Valve</u> Restricted
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--> indicates a change.

<u>TYPE OF VALVE:-</u> Output tetrode				<u>MARKING</u>			
<u>CATHODE:-</u> Directly heated				See K1001/4			
<u>ENVELOPE:-</u> Glass - unmetallised							
<u>PROTOTYPE:-</u> KT24							
<u>RATING</u>				<u>BASE</u>			
				B5			
				Note			
Filament voltage	(V)	1.9	A	Pin	Electrode		
Filament current	(A)	0.2					
Max. anode voltage	(V)	150		1	Anode		
Max. screen voltage	(V)	150		2	Control grid		
Mutual conductance	(mA/V)	3.2		3	Filament		
				4	Filament		
				5	Screen grid		
<u>NOTES</u>				<u>DIMENSIONS</u>			
A. Measured at $V_a=150$, $V_{g2}=120$, $V_{g1}=-2.9$.				See K1001/AI/D1.			
This valve type is obsolete and this specification is for record purposes only.				<u>Dimension</u>		<u>Min</u>	<u>Max</u>
				A mm		-	115
				B mm		-	45

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TESTS

To be performed in addition to those applicable in K1001.

	Test conditions				Test	Limits		No tested
						Min	Max	
	Vf	Va	Vg2	Vg1				
a	1.9	-	-	-	If (A)	0.18	0.22	100%
b	1.9	150	120	-2.9	Ia (mA)	2.65	7.35	100%
c	1.9	150	120	-2.9	Ig2 (mA)	-	1.5	100%
d	1.9	150	120	-2.9	gin (mA/V)	2.24	4.16	100%
e	1.9	150	120	-2.9	Rev Ig (μ A)	-	1.0	100%
f	1.9	20	20	20	Ie (mA)	35	-	100%