

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

--> indicates a change.

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This valve type is obsolete and this specification is for record purposes only.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

CVI334

TESTS

To be performed in addition to those applicable in K1001.

	Test conditions				Test	Limits		No tested
	Vf	Va	Vg2	Vg1		Min	Max	
a	1.9	-	-	-	I _f (A)	0.18	0.22	100%
b	1.9	150	120	-2.9	I _a (mA)	2.65	7.35	100%
c	1.9	150	120	-2.9	I _{g2} (mA)	-	1.5	100%
d	1.9	150	120	-2.9	g _m (mA/V)	2.24	4.16	100%
e	1.9	150	120	-2.9	Rev I _g (μA)	-	1.0	100%
f	1.9	20	20	20	I _e (mA)	35	-	100%