

Specification AD/CV1223/Issue 4. Dated 13/6/47. To be read in conjunction with K1001.	<u>SECURITY</u>	
	<u>Specn.</u> Restricted	<u>Valve.</u> Unclassified

<u>TYPE OF VALVE:-</u> Power Amplifier Triode. <u>CATHODE:-</u> Directly Heated. <u>ENVELOPE:-</u> Glass. <u>PROTOTYPE:-</u> DET5.				<u>MARKING</u>		
				See K1001/4.		
				<u>BASE</u>		
				B4		
				See K1001/AI/D5.1.		
<u>RATING</u>				Pin	Electrode	
			Note	1	Anode	
Vf	(V)	4.0		2	Grid	
If	(A)	2.0		3	Filament	
Max. Va	(V)	600		4	Filament	
Max. Wa	(W)	25		<u>DIMENSIONS</u>		
μ		9.5	A	See K1001/AI/D1.		
gm	(mA/V)	7.5	A	Dimension	Min.	Max.
Ra	(ohms)	1270	A	A mm	-	170
<u>NOTES</u>				B mm	-	67
A. At Va = 100 V, Vg = 0.				<u>PACKING</u>		
				See K1005.		

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions				Test	Limits		No. Tested
	Vf (V)	Va (V)	Vg (V)	Ia (mA)		Min.	Max.	
a	4.0 A.C. or D.C.				If (A)	1.8	2.2	100% or S
b	4.0 A.C. or D.C.	400	Ad- jus- ted.	62.5	i. Vg (V)	-25	-36	100%
					ii. Variation in Vg after 1st minute (V)	-	-2.0	100%
	For 10 mins. Vg to be checked every minute.				iii. Reverse I _g at end of test. (μA)	-	4.0	100%
c	4.0 A.C. or D.C.	400	<u>+0.5</u>	62.5	gm (mA/V)	5.0	10.0	100%