

Specification No. MOS/CV3830/3
Dated : 25.9.45.
To be read in conjunction with
K1001.

SECURITY	
Specification Restricted	Valve Restricted

→ Indicates a change

TYPE OF VALVE : Triode CATHODE : Directly heated ENVELOPE : Glass - unmetallised COMMERCIAL PROTOTYPE : XH 1.5			MARKING As in K1001/4	
RATING		Note	BASE Hivac 4-pin 6B	
Filament voltage (V) 1.5 Filament current (mA) 75 Max. anode voltage (V) 100 Mutual conductance (mA/V) 0.55 Amplification factor 28 Anode impedance (Ω) 51000			Pin	Electrode
		A	1	Anode
		A	2	Control Grid
		A	3	Filament
		A	4	Filament
NOTES A. Measured at $V_a = 50V$ $V_g = 0V$			DIMENSIONS See K1001/AI/D1	
			Dimension	Min. Max.
			A mm	- 68
			B mm	- 16

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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	Vg				
a	1.5	-	-	If (mA)	72	88	100%
b	1.5	50	0	Ia (mA)	0.25	0.6	100%
c	1.5	45	-2	Ia (μA)	-	40	100%
d	1.5	50	0	gm (mA/V)	0.3	0.66	100%
e	1.5	50	-1	Rev Ig (μA)	-	1.0	100%
f	1.5	45	0	Ig (μA)	-	0.3	100%