

VALVE ELECTRONIC **CV1732**

GENERAL POST OFFICE: E-IN-C (S)

(FOVT 90)

Specification: G.P.O./CV 1732/Issue 2 Dated: April, 1955 To be read in conjunction with K 1001	<u>SECURITY</u>	
	<u>Specification</u> Unclassified	<u>Valve</u> Unclassified

→ indicates a change

<u>TYPE OF VALVE:</u> Triode <u>CATHODE:</u> Indirectly heated <u>ENVELOPE:</u> Unmetallised glass <u>PROTOTYPE</u> ML 4		<u>MARKING</u> See K 1001/4			
<u>RATING</u>		Note A A	<u>BASE</u> British 5-pin (B5)		
Heater voltage (V) 4.0 Nominal heater current (A) 1.0 Max. anode voltage (V) 250 Max. anode dissipation (W) 5.0 Mutual conductance (mA/V) 3.75 Amplification factor 12.0			<u>CONNECTIONS</u>		
<u>CAPACITANCES (pF)</u>			Pin	Electrode	
Cag (nominal) 6.3			1	Anode	
Cae (nominal) 4.5			2	Grid	
Cge (nominal) 7.2			3	Heater	
			4	Heater	
			5	Cathode	
			<u>DIMENSIONS</u> See K1001/A1/D1		
			Dimension	Min.	Max.
			A (mm)	-	127
			B (mm)	-	51
<u>NOTE</u> A. Measured with Va = 200, and Vg = -8					

TESTS

To be performed in addition to those applicable in K 1001

	TEST CONDITIONS			TEST	LIMITS		No Tested	Note
	Vh (V)	Va	Vg		Min.	Max		
(a)	4.0	0	0	Ih (A)	0.9	1.1	100%	
→ (b)	4.0	200	-8	Ia (mA)	17.5	32.5	100%	
(c)	4.0	200	-8	gm (mA/V)	3.0	4.5	100%	
(d)	4.0	200	-8	Reverse Ig (μ A)	-	3.0	100%	

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