

VALVE ELECTRONIC **CV 1735**

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

(POVT 92)

Specification: G.P.O./CV 1735/Issue 1 Dated: 25-1-47 To be read in conjunction with K 1001	<u>SECURITY</u>	
	<u>Specification</u>	<u>Valve</u>
	Restricted	Restricted

indicates a change

<u>TYPE OF VALVE:</u> Triode <u>CATHODE:</u> Indirectly heated <u>ENVELOPE:</u> Unmetallised glass <u>PROTOTYPE:</u> DC 2/P			<u>MARKING</u>		
			See K 1001/4		
<u>RATING</u>		Note	<u>BASE</u>		
			British 5-pin (B5)		
Heater current	(A)	0.1	<u>CONNEXIONS</u>		
Nominal heater voltage	(V)	35.0	Pin	Electrode	
Max. anode voltage	(V)	200	1	Anode	
Mutual conductance	(mA/V)	3.75	2	Grid	
Amplification factor		10.0	3	Heater	
Anode impedance	(ohms)	2,650	4	Heater	
			5	Cathode	
			<u>DIMENSIONS</u>		
			See K 1001/A1/D1		
			Dimension	Min.	Max.
			A (mm)	-	128
			B (mm)	-	58
This valve type is obsolete and this specification is for record purposes only.			<u>NOTE</u>		
			A. Measured with $V_a = 100$ , and $V_g = 0$		

TESTS

To be performed in addition to those applicable in K 1001

	TEST CONDITIONS			TEST	LIMITS		No. Tested	Note
	I <sub>h</sub> (A)	V <sub>a</sub>	V <sub>G</sub>		Min.	Max.		
(a)	0.1	-	-	V <sub>h</sub> (V)	31.5	38.5	100%	
(b)	0.1	100	0	Mutual impedance (ohms)	165	270	100%	
(c)	0.1	100	0	R <sub>a</sub> (ohms)	1,600	3,200	100%	
(d)	0.1	100	- 2	Reverse I <sub>G</sub> (μA)	-	1.0	100%	