

VALVE ELECTRONIC **CV1662**GENERAL POST OFFICE: E-IN-C (S)

(FOVT 86)

Specification: G.P.O./CV 1662/Issue 1 Dated: 18-9-46 To be read in conjunction with K 1001	<u>SECURITY</u>	
	<u>Specification</u> Restricted	<u>Valve</u> Restricted

→ indicates a change

<u>TYPE OF VALVE:</u> Triode <u>CATHODE:</u> Directly heated <u>ENVELOPE:</u> Metallised glass <u>PROTOTYPE</u> P 215			<u>MARKING</u> See K 1001/4.		
<u>RATING</u>		Note	<u>BASE</u> British 4-pin (B4)		
Filament current (A)	0.2		<u>CONNECTIONS</u>		
Nominal filament voltage (V)	2.0	A	Pin	Electrode	
Max. anode voltage (V)	150		1	Anode	
Anode impedance (ohms)	4000		2	Grid	
Amplification factor	7.0		3	Filament -	
			4	Filament +	
<u>CAPACITANCES (pF)</u>		A	<u>DIMENSIONS</u> See K 1001/A1/D1		
C _{ag} (max)	12.0		Dimension	Min.	Max.
C _{ae} (max)	12.0		A (mm)	-	108
C _{ge} (max)	12.0	A (mm)	-	51	
This valve type is obsolete and this specification is for record purposes only.			<u>NOTE</u> A. Measured with V _a = 27, and V _g = 0		

TESTS

To be performed in addition to those applicable in K 1001

	TEST CONDITIONS			TEST	LIMITS		No. Tested	Note	
					Min.	Max.			
(a)	See K 1001/A III			<u>CAPACITANCES (pF)</u>					
	Links to H.F.	Links to L.F.	Links to E						
	1	2	3,4,5,6,7,8, 9,10,TC1,TC2		(i) Cag	-	12.0	6 per week	
	1	3,4	2,5,6,7,8,9, 10,TC1,TC2		(ii) Cae	-	12.0	6 per week	
	2	3,4	1,5,6,7,8,9, 10,TC1,TC2	(iii) Cge	-	12.0	6 per week		
(b)	Test Voltage 500 Volts D.C.			<u>Insulation (megohms)</u> Between any two electrodes	500	-	1%		
	If (A)	Va	Vg(R.M.S)						
(c)	0.2	-	-	Vf (V)	1.85	2.15	100%		
(d)	0.2	27	0.4	Ra (ohms)	3000	5000	100%		
(e)	0.2	27	0.4	μ	6.5	7.5	100%		
(f)	0.2	27	0.4	Ia (mA)	2.0	-	100%		