VALVE ELECTRONIC **CV1669**

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

(POVT 98)

Specification: G.P.O./CV 1669/Issue 1 Dated: 18-9-46 To be read in conjunction with K 1001	SECURITY Specification: **Restricted** Valve: **Restricted**

——→ indicates a change

TYPE OF VALVE: **Triode**
CATHODE: **Directly heated**
ENVELOPE: **Unmetallised glass**
PROTOTYPE **P 625**

MARKING

See K 1001/4

RATING			Note
Filament current	(A)	0.25	
Nominal filament voltage	(V)	6.0	
Max. anode voltage	(V)	200	
Anode impedance	(ohms)	2400	A
Amplification factor		6.0	A

BASE

British 4-pin (B4)

CONNEXIONS

Pin	Electrode
1	Anode
2	Grid
3	Filament -
4	Filament +

DIMENSIONS

See K 1001/A1/D1

Dimension	Min.	Max.
A (mm)	-	127
B (mm)	-	64

This valve type is obsolete and this specification is for record purposes only.

NOTE

A. Measured with Va = 200, and Vg = -20

TESTS

To be performed in addition to those applicable in K 1001

	TEST CONDITIONS			TEST	LIMITS		No. Tested	Note
					Min.	Max.		
(a)	Test Voltage 500 Volts D.C.			Insulation (megohms) (i) Between any two electrodes (ii) Between any electrode and metallic shell of the base	 500 500		 1% 1%	
	If (A)	Va	Vg					
(b)	0.25	-	-	Vf (V)	5.7	6.3	100%	
(c)	0.25	200	-20	Mutual impedance (ohms)	350	500	100%	
(d)	0.25	200	-5	Reverse Ig (μA)	-	2.0	100%	
(e)	0.25	200	-20	Ia (mA)	12.0	28.0	100%	