VALVE ELECTRONIC CV 1665

(POVT 89)

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

Specification: G.P.O./CV1665/Issue 1 Dated: 18.11.46 To be read in conjunction with K 1001	SECURITY Specification: Restricted Valve: Restricted

——> indicates a change

TYPE OF VALVE: Triode
CATHODE: Indirectly heated
ENVELOPE: Unmetallised glass
PROTOTYPE DH

MARKING

See K1001/4

RATING			Note
Heater current	(A)	0.2	
Nominal heater voltage	(V)	16.0	
Max. anode voltage	(V)	200	
Amplification factor		40.0	A
Mutual conductance	(mA/V)	3.7	A
Anode impedance	(ohms)	10,800	A

BASE

British 5-pin (B5)

CONNEXIONS

Pin	Electrode
1	Anode
2	Grid
3	Heater
4	Heater
5	Cathode

DIMENSIONS

See K1001/A1/D1

Dimension	Min.	Max.
A (mm)	-	127
B (mm)	-	51

This valve type is obsolete and this specification is for record purposes only.

NOTE

A. Measured with Va = 100, and Vg = 0

To be performed in addition to those applicable in K1001

	TEST CONDITIONS			TEST	LIMITS		No. Tested	Note
	Ih(A)	Va	Vg		Min.	Max.		
(a)	0.25	-	-	Vh (V)	14.0	18.0	100%	
(b)	0.25	100	-2	Reverse Ig (μA)	-	1.0	100%	
(c)	0.25	100	0	Ia (mA)	5.7	10.7	100%	1
(d)	0.25	100	0	Mutual impedance (ohms)	250	330	100%	1

NOTE

1. Measured with grid connected to the cathode.