VALVE ELECTRONIC CV1661

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

(POVT 85)

Specification: G.P.O./CV1661/Issue 1	SECURITY	
Dated: 18.11.46	Specification	Valve
To be read in conjunction with K 1001	Restricted	Restricted

——→ indicates a change

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

MARKING

See K1001/4

RATING			Note
Heater current	(A)	0.25	
Nominal heater voltage	(V)	16.0	
Max. anode voltage	(V)	200	
Amplification factor		12.0	A
Mutual conductance	(mA/V)	4.5	A
Anode impedance	(ohms)	2660	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This valve type is obsolete and this specification is for record purposes only.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 = 200, and Vg = -8

TESTS

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	200	-8	Reverse Ig (μA)	-	3.0	100%	
(c)	0.25	200	-8	Ia (mA)	17.5	32.5	100%	
(d)	0.25	200	-8	gm (mA/V)	3.0	-	100%	