VALVE ELECTRONIC CV1724

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

(POVT 183)

Specification: G.P.O./CV 1724/Issue 1 Dated: 17-10-46 To be read in conjunction with K 1001	SECURITY Specification: Restricted Valve: Restricted

——→ indicates a change

TYPE OF VALVE: Output pentode
CATHODE: Indirectly heated
ENVELOPE: Unmetallised glass
PROTOTYPE 5 A/102 D

MARKING
See K 1001/4

See K1001/A1/D2 BASE
International Octal (IO)
M Dimension (V) applies

RATING			Note
Heater current	(A)	0.85	
Nominal heater voltage	(V)	7.5	
Max. anode voltage	(V)	180	
Max. screen voltage	(V)	150	
Mutual conductance	(mA/V)	2.5	A

CONNEXIONS

Pin	Electrode
1	No connection
2	Heater
3	Anode
4	G2
5	G3
6	Pin omitted
7	Heater
8	Cathode
T.C.	G1

TOP CAP
See K 1001/A1/D5.2

DIMENSIONS
See K 1001/A1/D1

Dimension	Min.	Max.
A (mm)	-	130
B (mm)	-	46

NOTE

A. Measured with Va = 180, Vg 2 = 150, and Vg 1 = -18

TESTS

To be performed in addition to those applicable in K 1001

	TEST CONDITIONS					TEST	LIMITS		No. Tested	Note
	Ih(A)	Va	Vg1	Vg2	Vg3		Min.	Max.		
(a)	0.85	0	0	0	0	Vh (V)	7.0	8.0	100%	
(b)	0.85	180	- 18	150	0	Ia (mA)	34.0	50.0	100%	
(c)	0.85	180	- 18	150	0	Ig2 (mA)	-	10.0	100%	
(d)	0.85	180	- 18	150	0	Reverse Ig (µA)	-	2.0	100%	
(e)	0.85	180	- 18	150	0	gm (mA/V)	2.2	-	100%	