CV.1676.

VALVE ELECTRONIC (POVT 108)

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

Specification: G.P.O./CV1676/Issue 1 Dated: 17 - 6 - 46 To be read in conjunction with K 1001	SECURITY	
	Specification	Valve
	Restricted	Restricted

——→ indicates a change

TYPE OF VALVE: Tricde
CATHODE: Directly heated
ENVELOPE: Unmetallised glass
PROTOTYPE LS 8 A

MARKING

See K 1001/4

RATING

			Note
Filament current	(A)	0.15	
Nominal filament voltage	(V)	4.0	
Max. anode voltage	(V)	150	
Amplification factor		6.0	A
Anode impedance	(ohms)	2135	A

CAPACITANNES (pF)

Cag	(max)	15.0
Cae	(max)	15.0
Cge	(max)	15.0

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)	-	60

NOTE

A. Measured with Va = 130, and Vg = -8

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TESTS

To be performed in addition to those applicable in K 1001

	TEST CONDITIONS			TEST	LIMITS		No. Tested	Note
	See K 1001/A III				Min.	Max.		
(a)	Links to HP	Links to HP	Links to E	CAPACITANCES (pF)				
	1	2	3,4,5,6,7,8,9,10,TC1,TC2	(i) Cag	-	15.0	6 per week	
	1	3, 4	2,5,6,7,8,9,10,TC1,TC2	(ii) Cae	-	15.0	6 per week	
	2	3, 4	1,5,6,7,8,9,10,TC1,TC2	(iii) Cge	-	15.0	6 per week	
	If (A)	Va	Vg					
(b)	0.15	0	0	Vf (V)	3.7	4.3	100%	
(c)	0.15	130	- 30	Ia (mA)	-	0.2	100%	
(d)	0.15	130	- 8	Reverse Ig (µA)	-	0.5	100%	
(e)	0.15	130	- 8	Ia (mA)	16.0	30.0	100%	
(f)	0.15	130	- 8	gm (mA/V)	2.2	3.8	100%	
(g)	0.15	130	- 8	µ	5.0	7.0	1%	