

VALVE ELECTRONIC

(POVT 127A)

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

Specification: G.P.O./CV 1691/Issue 1 Dated: 12-6-46 To be read in conjunction with K 1001	<u>SECURITY</u>	
	<u>Specification</u>	<u>Valve</u>
	Restricted	Restricted

—————> indicates a change

<u>TYPE OF VALVE:</u> Double diode <u>CATHODE:</u> Indirectly heated <u>ENVELOPE:</u> Unmetallised glass <u>PROTOTYPE</u> DDL 4		<u>MARKING</u>	
		See K 1001/4.	
<u>RATING</u>		<u>BASE</u>	
		British 5-pin (B5)	
		<u>CONNEXIONS</u>	
		<u>Pin</u>	<u>Electrode</u>
Heater voltage (V) 4.0		1	Anode 1
Nominal heater current (A) 0.75		2	Anode 2
Max. anode volts R.M.S. (V) 200		3	Heater
Max. cathode current (mA) 10.0		4	Heater
Heating time (secs) 17		5	Cathode
		<u>DIMENSIONS</u>	
		See K 1001/A1/D1	
		<u>Dimension</u>	<u>Min.</u> <u>Max.</u>
		A (mm)	- 100
		B (mm)	- 35

TESTS

To be performed in addition to those applicable in K 1001

	<u>TEST CONDITIONS</u>			<u>TEST</u>	<u>LIMITS</u>		<u>No. Tested</u>	<u>Note</u>
	<u>Vh(V)</u>	<u>Va 1</u>	<u>Va 2</u>		<u>Min.</u>	<u>Max.</u>		
(a)	4.0	0	0	Ih (A)	0.67	0.83	100%	
(b)	4.0	10	0	Ia (mA)	20.0	-	100%	
(c)	4.0	0	10	Ia (mA)	20.0	-	100%	
(d)	4.0	-10	0	Reverse Ia (μ A)	-	0.5	100%	
(e)	4.0	0	-10	Reverse Ia (μ A)	-	0.5	100%	