

VALVE ELECTRONIC **CV1679**

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

(POVT 111)

Specification: <b>G.P.O./CV1679/Issue 1</b> Dated: <b>18.11.46</b> To be read in conjunction with K 1001	<u>SECURITY</u>	
	<u>Specification</u> <b>Restricted</b>	<u>Valve</u> <b>Restricted</b>

—————> indicates a change

<u>TYPE OF VALVE:</u> <b>Triode</b> <u>CATHODE:</u> <b>Directly heated</b> <u>ENVELOPE:</u> <b>Unmetallised glass</b> <u>PROTOTYPE:</u> <b>DA 30</b>		<u>MARKING</u> See K1001/4	
<u>RATING</u>		<u>BASE</u> British 4-pin (B4)	
		<u>CONNECTIONS</u>	
		Pin	Electrode
		1	Anode
		2	Grid
		3	Filament -
		4	Filament +
		<u>DIMENSIONS</u> See K1001/A1/D1	
		Dimension	Min.      Max.
		A (mm)	-      160
		B (mm)	-      66

NOTE

A. Measured with  $V_a = 400$ , and  $I_a = 62.5$  mA.

To be performed in addition to those applicable in K1001

	TEST CONDITIONS				TEST	LIMITS		No. Tested	Note
						Min.	Max.		
(a)	Test Voltage 250 Volts D.C.				<u>INSULATION (megohms)</u> (i) Grid to filament	150	-	1%	
	Test Voltage 500 Volts D.C.				(ii) Anode to Grid	150	-	1%	
	Test Voltage 500 Volts D.C.				(iii) Anode to filament	150	-	1%	
	Vf	Va	Vg	Ia (mA)					
(b)	4.0	-	-	-	If (A)	1.8	2.2	100%	
(c)	4.0	400	Read	62.5	Vg (V)	-78.0	-122.0	100%	
(d)	4.0	400	Adjust	62.5	Reverse Ig ( $\mu$ A)	-	5.0	100%	
(e)	4.0	400	Adjust	62.5	gm (mA/V)	2.7	4.7	100%	