

VALVE ELECTRONIC CV 1685

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

(POVT 116A)

Specification: G.P.O./CV1685/Issue 1	SECURITY	
Date: 21.2.47	Specification	Valve
To be read in conjunction with K 1001	Restricted	Restricted

-----> indicates a change

<u>TYPE OF VALVE:</u> Pentode			<u>MARKING</u>		
<u>CATHODE:</u> Indirectly heated			See K1001/4		
<u>ENVELOPE:</u> Unmetallised glass					
<u>PROTOTYPE</u> APP4C					
<u>RATING</u>			<u>BASE</u>		
			British 7-pin (B7)		
			<u>CONNEXIONS</u>		

NOTEA. Measured with $V_a = V_{g2} = 250$, and $V_{g1} = -5$.

To be performed in addition to those applicable in K1001

	TEST CONDITIONS					TEST	LIMITS		No. Tested	Note
	Vh(V)	Va	Vg1	Vg2	Vg3		Min.	Max.		
(a)	4.0	-	-	-	-	Ih (A)	1.8	2.2	100%	
(b)	4.0	250	-14	250	0	Ia (mA)	-	2.0	100%	
(c)	4.0	250	-7	250	0	Ia (mA)	15.5	39.5	100%	
(d)	4.0	250	-3.5	250	0	Ia (mA)	50.0	80.0	100%	
(e)	4.0	250	-6	250	0	Reverse Ig (μ A)	-	1.5	100%	
(f)	4.0	145	0	145	-140	Ia (mA)	-	3.0	100%	