

VALVE ELECTRONIC

CV1657

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

(POVT 79A)

Specification: G.P.O./CV 1657/Issue 1

Dated: 30-9-46

To be read in conjunction with K 1001

SECURITYSpecificationValve

Restricted

Restricted

—————> indicates a change

<u>TYPE OF VALVE:</u> Triode				<u>MARKING</u>		
<u>CATHODE:</u> Directly heated				See K 1001/4		
<u>ENVELOPE:</u> Unmetallised glass						
<u>PROTOTYPE</u> 4020 B						
<u>RATING</u>			Note	<u>BASE</u> British 4-pin (B ₄)		
				<u>CONNEXIONS</u>		
Filament current	(A)	0.25	A	Pin	Electrode	
Nominal filament voltage	(V)	2.0		1	Anode	
Max. anode voltage	(V)	160		2	Grid	
Amplification factor		30.0		3	Filament -	
Mutual conductance	(mA/V)	0.6		4	Filament +	
Anode impedance	(ohms)	50,000				
<u>CAPACITANCES (pF)</u>				<u>DIMENSIONS</u> See K 1001/A1/D1		
C _{ag}	(max)	10.0		Dimension	Min.	Max.
C _{ae}	(max)	10.0		A (mm)	-	114
C _{ge}	(max)	10.0		B (mm)	-	61
<u>NOTE</u>						
A. Measured with V _a = 130, and V _g = -1.5						
B. The plane of the anode and grid pins shall lie within 25° of the plane of the filament.						

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AMENDMENT NO.1.

Page 1.

DIMENSIONS

Amend the maximum limit dimension "A" to read 120mm

Amend the maximum limit dimension "B" to read 46mm

January 1950

T.V.C. Office
(for G.P.O.)

C.65925