

VALVE ELECTRONIC C.V. 437

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

Specification: G.P.O./CV437/Issue 3 Dated: November 1952 To be read in conjunction with K 1001	<table border="1"> <tr> <th colspan="2">SECURITY</th></tr> <tr> <td>Specification</td><td>Valve</td></tr> <tr> <td>Unclassified</td><td>Unclassified</td></tr> </table>	SECURITY		Specification	Valve	Unclassified	Unclassified
SECURITY							
Specification	Valve						
Unclassified	Unclassified						

—————> indicates a change

<u>TYPE OF VALVE:</u> High Slope tetrode <u>CATHODE:</u> Indirectly heated <u>ENVELOPE:</u> Unmetallised glass <u>PROTOTYPE</u> KT 67			<u>MARKING</u> See K1001/4		
<u>Rating</u>		<u>NOTE</u> <			

C.V. 437

TESTS

To be performed in addition to those applicable in K 1001

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	Test Conditions					Test	Limits		No.	
							Min.	Max.		
a	See K 1001/AlII					<u>CAPACITANCE</u> (pF)				
	Links to H.P.	Links to L.P.	Links to E.							
	3	1,2,5,6,8,9	4,7,10, TC1, TC2.		1. Cae			11.5	6 per week	
	7	1,2,5,6,8,9	3,4,10 TC1, TC2		2. Cge			19.75	6 per week	
	3	7	1,2,4,5,6,8,9,10, TC1, TC2		3. Cag			0.095	T.A.	
b	Vh	Va	Vg2	Vg1	Ia(m/A)	Ih (A)	1.32	1.68	100%	
	6.3	0	0	0						
c	6.3	250	180		80	Vg (V)	-6	-12	100%	
d	6.3	250	180		80	Ig2 (mA)	-	8	100%	
e	6.3	250	180		80	gm (mA/V)	9.75	16.25	100%	
f	6.3	250	180		80	Reverse Ig1 (μA)		2.5	100%	
g	6.3	250	180	0		Ia (mA)	180		100%	1
h	6.3	250	180		0.2	Vg1 (V)	-	-35	100%	

NOTE

1. Duration of test to be 2 seconds max.