

ADMIRALTY SIGNAL ESTABLISHMENT

Specification AD/CV1161/Issue 4. Dated 17.6.47. To be read in conjunction with K1001.	<table border="1"> <tr> <th colspan="2"><u>SECURITY</u></th></tr> <tr> <td><u>Specn.</u> Restricted</td><td><u>Valve</u> Unclassified</td></tr> </table>	<u>SECURITY</u>		<u>Specn.</u> Restricted	<u>Valve</u> Unclassified
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<u>TYPE OF VALVE:-</u> Output Triode.			<u>MARKING</u> See K1001/4.		
<u>CATHODE:-</u> Indirectly Heated.					
<u>ENVELOPE:-</u> Glass.					
<u>PROTOTYPE:-</u> 104V.					
<u>RATING</u>			<u>BASE</u> B5 See K1001/AIV/D5.2.		
			<u>Note</u>		
Heater Voltage (V) 4.0			A		
Heater Current (A) 1.0					
Max. Anode Voltage (V) 200					
Amplification Factor 9.5					
Mutual Conductance (mA/V) 3.5					
Anode Impedance (ohms) 2,850			A		
<u>CAPACITANCES</u> (pF. Approx.)			<u>DIMENSIONS</u> See K1001/AI/D1.		
Ca-all 7.5			Dimension Min. Max.		
Cag 5.0			A mm - 115		
max.			B mm - 51		
			<u>PACKING</u> See K1001/7.		
<u>NOTE</u> A. $V_a = 100 \text{ V}$, $V_g = 0 \text{ V}$.					

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions				Test	Limits		No. Tested
	Vh (V)	Va (V)	Vg (V)	Ia (mA)		Min.	Max.	
a	4.0				Ih (A)	0.9	1.2	100% or S
b	4.0	100	-2		Reverse Ig (μA)	-	1.0	100%
c	4.0	100	0	Read	Ia (mA)	15	-	100%
d	4.0	100	0		gm (mA/V)	2.6	4.6	100%
e	4.0	Ad-just-ed	-2	Value noted in test 'c'	Va (V)	115	123	100% or S
f	See K1001/ATII				Capacitances (pF.)			
	Links to H.P.	Links to L.P.	Links to E.					
	1	2,3,4,5.	6,7,8,9,10,TC1,TC2		i. Ca-all		6	9
	1	2	3,4,5.		ii. Cag		-	5
								6 per week