

ADMIRALTY SIGNAL ESTABLISHMENT

Specification AD/CV1182/Issue 2. Dated 31.10.46. To be read in conjunction with K1001.	<u>SECURITY</u>	
	<u>Specn.</u> Restricted	<u>Valve</u> Unclassified

<u>TYPE OF VALVE</u> :- Triode.			<u>MARKING</u> See K1001/4.		
<u>CATHODE</u> :- Indirectly heated.					
<u>ENVELOPE</u> :- Glass.					
<u>PROTOTYPE</u> :- H42.					
<u>RATING</u>			<u>BASE</u> B7 See K1001/AIV/D5.3.		
			Note		
			Pin		
			Electrode		
Heater Voltage (V)	4.0		1	No connection	
Heater Current (A)	0.6		2	No connection	
Max. Anode Voltage (V)	250		3	No connection	
Amplification Factor	100	A	4	Heater	
Mutual Conductance (mA/V)	1.5	A	5	Heater	
Anode Impedance (ohms)	66,000	A	6	Cathode	
			7	Anode	
			TC	Grid	
			<u>TOP CAP</u> See K1001/AI/D5.1.		
			<u>DIMENSIONS</u> See K1001/AI/D1.		
			Dimension	Min.	Max.
			A mm	-	120
			B mm	-	42
			<u>PACKING</u> See K1001/7.		
<u>NOTE</u> A. $V_a = 250$ V, $V_g = -2$ 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)	0.5	0.7	1% (20)	
b	4.0	250	-2	-	Reverse Ig (μA)	-	1.0	100%	
c	i.	4.0	250	-2	x	Value of x (mA)	0.6	-	100%
	ii.	4.0	250	-1	y	y - x (mA)	1.5	3.0	
d	4.0	Ad-just-ed	-1	= x above	Va (V)	115	155	100%	