

ADMIRALTY SIGNAL ESTABLISHMENT

Specification AD/CV1179/Issue 2 Dated 31.10.46. To be read in conjunction with K1001	<u>SECURITY</u>	
	<u>Specification</u> Restricted	<u>Valve</u> Unclassified

<u>TYPE OF VALVE:-</u> Triode <u>CATHODE:-</u> Indirectly heated <u>ENVELOPE:-</u> Glass; clear <u>PROTOTYPE:-</u> TT4		<u>MARKING</u>		
		See K1001/4.		
<u>RATING</u>		<u>BASE</u>		
		B5		
		See K1001/AIV/D5.2.		
Heater Voltage (V)	4.0	Note A A A	Pin	Electrode
Heater Current (A)	1.0		1	Anode
Max. Anode Voltage (V)	250		2	Grid
Mutual Conductance (mA/V)	3.2		3	Heater
Amplification Factor	10.5		4	Heater
Anode Impedance (Ω)	3,300		5	Cathode
<u>CAPACITANCES (pF. approx.)</u>		<u>DIMENSIONS</u>		
Cag	3.4	See K1001/AI/D1.		
Cac	3.7	Dimension	Min.	Max.
Cgc	7.0	A mm	-	128
		B mm	-	48
<u>NOTE</u>		<u>PACKING</u>		
A. At $V_a = 200$ V, $V_g = -12$ V.		See K1001/7.		

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)	0.8	1.2	100% or S
b	4.0	200	-12	-	Reverse Ig (mA)	-	2.5	100%
c	4.0	200	-12		Ia (mA)	13.5	25	100%
d	4.0	200	-10		Change in Ia from value in test 'c' (mA)	5.5	8.5	100%
e	4.0		-12	Value as in test 'd'	Va (V)	216	226	100% or S
f	4.0	200	-24		Ia tail (mA)	-	4.0	100%