

ADMIRALTY SURFACE WEAPONS ESTABLISHMENT

Specification AD/CV6174
Issue 1 Dated 15-6-66
To be read in conjunction with K1006

| <u>SECURITY</u> | |
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| <u>Specification</u> Unclassified | <u>Valve</u> Unclassified |

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| <u>TYPE OF VALVE</u> | Tetrode with external anode |
| <u>CATHODE</u> | Indirectly Heated |
| <u>ENVELOPE</u> | Ceramic and metal |
| <u>PROTOTYPE</u> | 7203/4CX250B Selected |

RATING, MARKING, BASE, CONNECTIONS, DIMENSIONS AND CAPACITANCES

As for Valve CV6137

TESTS

The tests in Specification AD/CV6137 shall apply with the addition of the following tests which are to be applied on a 100% basis.

(a) Screen Current

The screen current under the conditions quoted in Specification AD/CV6137 shall lie within the limits 0 to -7 mA.

(b) Grid Leakage Current

With control grid voltage = -200V and screen grid and cathode at zero volts the heater supply shall be switched on at 6.3V and maintained for 3 minutes. The heater supply shall then be switched off and the valve allowed to cool for 3 minutes. During this whole period of 6 minutes the grid current shall be monitored using a circuit with triggering time of approximately 1 microsec and shall not exceed 100 microamps.

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