



# TYPE 6505A

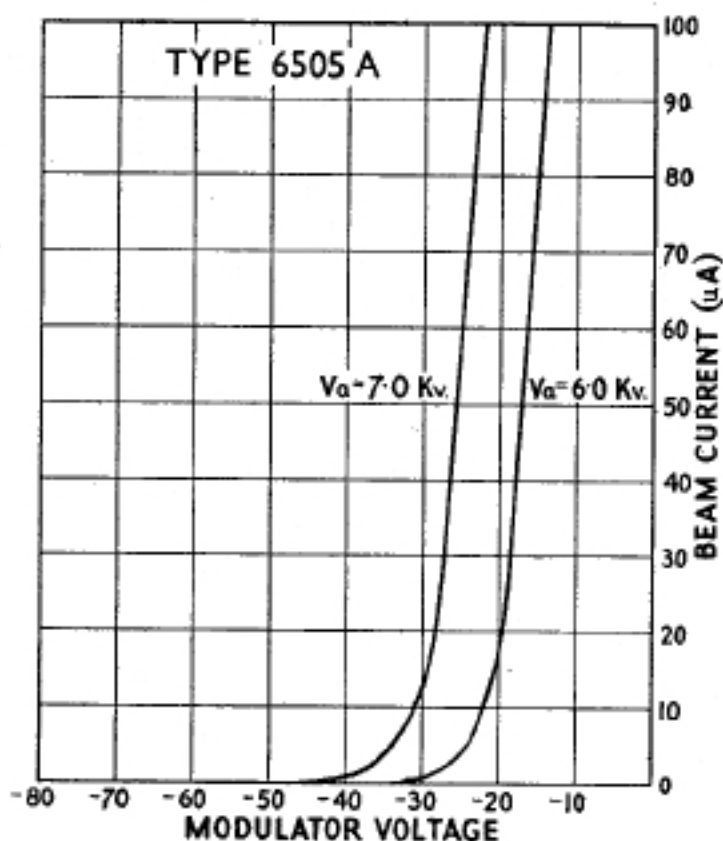
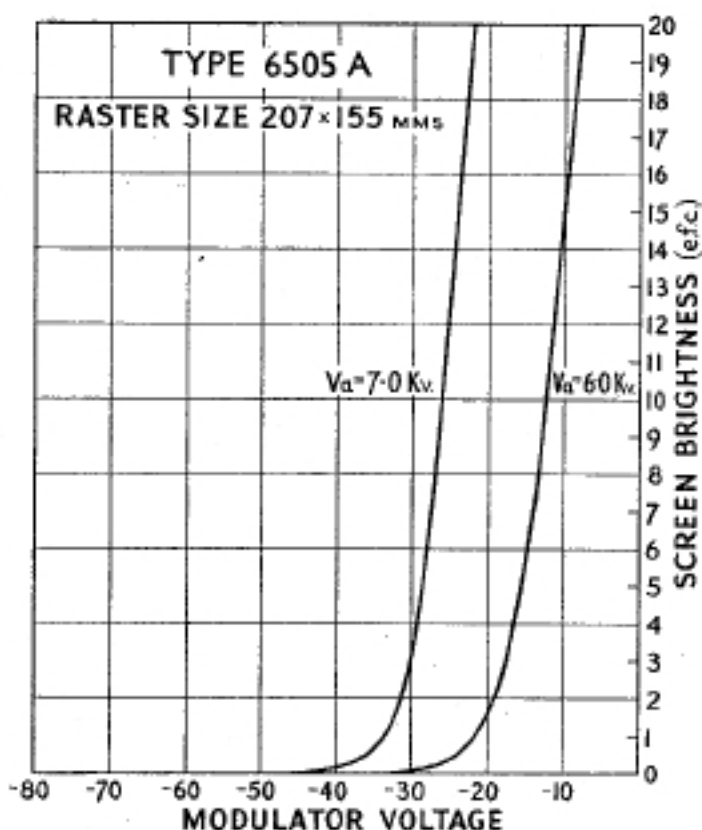
## PRECAUTIONS IN USE

The attention of the user is drawn to the CODE OF PRACTICE FOR USE OF CATHODE RAY TUBES IN EQUIPMENT, B.S. 1147, 1943, obtainable from the British Standards Institution, 28 Victoria Street, London, S.W.1. Failure to observe the recommendations contained therein may result in poor performance or damage to both tube and equipment.

If it is not desired to apply modulation to the cathode one side of the heater should be connected direct to cathode.

The tube is designed for use with deflecting coils which position the centre of deflection at 25 mm. approximately from the 35.3 mm. ring gauge point. It will be appreciated that the possibility of cut off of the picture area is intimately linked with the design of the deflecting coils.

It is desirable to maintain the external graphite coating at chassis potential, otherwise it may acquire a charge capable of imparting an electric shock to the user and/or causing picture interference.



The heater of the tube is suitable for operation in series with a range of 0.3 amp. valves, but it is essential to ensure that the peak surge voltage across the tube heater does not exceed 12.5 volts. A suitable surge limiting device should be introduced into the circuit to restrict the voltage to this maximum value.

The heater should also be so positioned in the heater chain that the voltage between heater and cathode is kept as low as possible.