



Cathode Ray Tube

Code: C10SS/2G (CV2794)

The C10SS/2G is an improved "wire in" version of the 4096AG Cathode Ray Tube which is now obsolete.

CATHODE.

Indirectly-heated, oxide-coated		
Heater voltage	2	V
Nominal current	1.7	A

DIRECT INTERELECTRODE CAPACITANCES.

X_1 plate to X_2 plate	7.5	pF
Y_1 plate to Y_2 plate	0.7	pF
X_1 plate to all other electrodes	3.6	pF
Y_1 plate to all other electrodes	3.7	pF
Control grid to all other electrodes	3.8	pF

CHARACTERISTICS.

Screen colour	Green	
Screen persistence	Medium	
Focussing method	Electrostatic	
Deflection method	Electrostatic	
Sensitivity, approx.	140	mm/V
	$\sqrt{V_{a_2}}$	
Cut off voltage (at V_{a_2} 1 kV)	-30	V
Maximum first anode current	300	μ A

DIMENSIONS.

Maximum overall length	180	mm
Maximum overall diameter	70	mm
Maximum neck diameter	40	mm
Useful screen diameter, approx.	60	mm
Base	B10A/A	
Net weight	97	g

TYPICAL OPERATING CONDITIONS.

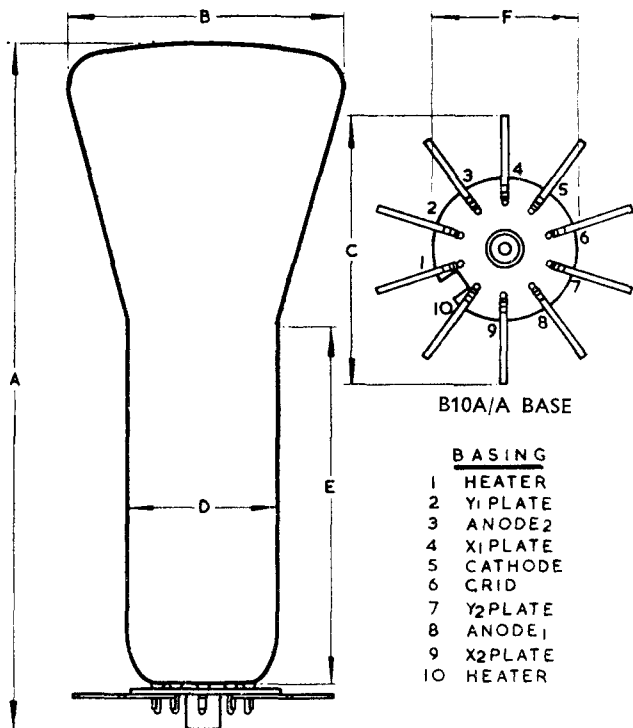
Second anode voltage	0.8 to 2.0	kV
First anode voltage	$\frac{1}{8}$ of V_{a_2} voltage	
Control grid bias	0 to -30	V

NOTE.—The locating notch on the base is in line with the plane of the plates.

Cathode Ray Tube



Code: C10SS/2G (CV2794)

BASING

- 1 HEATER
- 2 Y₁ PLATE
- 3 ANODE₂
- 4 X₁ PLATE
- 5 CATHODE
- 6 GRID
- 7 Y₂ PLATE
- 8 ANODE₁
- 9 X₂ PLATE
- 10 HEATER

DIM.	MILLIMETRES	INCHES
A	180 MAX.	7.1 MAX.
B	70.0 MAX.	2.76 MAX.
C	71.4 MAX.	2 ¹³ / ₁₆ MAX.
D	40.0 MAX.	1.58 MAX.
E	110 APPROX.	4 ¹¹ / ₃₂ APPROX.
F	36.5 NOM.	1 ⁷ / ₁₆ NOM.

NOTE:- BASIC FIGURES ARE INCHES