



High Vacuum Cathode Ray Tube

4096AB
(C10SS/IB)
Blue Trace

4096AG
(C10SS/IG)
Green Trace

C10SS/IB
(4096AB)

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(4096AG)

CATHODE.

Indirectly-heated oxide-coated

Voltage	2	V
Nominal heater current	1.7	A

DIRECT INTER-ELECTRODE CAPACITIES.

X_1 to X_2	0.8	pF
Y_1 to Y_2	4.3	pF
X_1 to all other electrodes	6.6	pF
Y_1 to all other electrodes	6.0	pF
Control electrode to all others	8.5	pF

CONSTANTS.

Second anode voltage	800—2,000	V
First anode voltage	$\frac{1}{3}$ th of 2nd anode	V approx.
Control electrode bias	0 to —25	V
Cut off voltage at V_{a_2} 2,000V	—35 to —45	V
Maximum current to V_{a_1}	300	μ A
Sensitivity at V_{a_2} 2,000V	S_x 0.13 S_y 0.135	mm./V
Sensitivity at V_{a_2} 1,000V	S_x 0.26 S_y 0.27	mm./V
Screen diameter	2.5	in.

DIMENSIONS.

Maximum overall length	273	mm.
Maximum diameter	79	mm.
Base	International octal	
Net weight	215	g.

TYPICAL OPERATION.

Second anode voltage	2,000	1,000 V
First anode voltage	240	120 V
Grid bias	—15 to —25	0 to —10 V

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