

S6Sq CRT (20th Century Electronics Ltd) - Data.txt
20th CENTURY ELECTRONICS LTD.

S6Sq CRT

Heater voltage: 6.3 V
Heater current: 0.5 A
Anode 1 voltage (Maximum): 2000 V
Anode 2 voltage (Average): 700 V
Anode 3 voltage (Maximum): 5000 V
Grid voltage for cut-off (Average for Max A1 voltage): -45 V

Deflection sensitivity (mm per V/V-A3):
X Plates - 700
Y Plates - 1100

Heater-Cathode maximum voltage: 100 V

Deflection Plate Capacitances (pF to Earth):
X Plates - 15 pF each
Y Plates (via neck connections) - 7 pF each

Screen dimensions: 5" x 5"
Standard screen phosphors:
B,S - Blue trace & Short persistence
G,M - Green trace & Medium persistence
B,G,L - Blue-Green trace & Long persistence
O,L - Orange trace & Long persistence
Other phosphors available

Tube length: 480 mm

Base type: B12D, Variant 5

Base connections (Looking at base and counting clockwise from the key):

01. Grid
02. Cathode
03. Heater
04. Heater
05. Anode 1
06. Anode 2
07. Internal Coating
08. No Connection
09. X² Deflection Plate
10. Anode 3
11. X¹ Deflection Plate
12. No Connection

Neck Connections:

- Y¹ Deflection Plate to TC3
- Y² Deflection Plate to TC4