



ELECTRONIC TUBE REFERENCE

5L01A

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Five-inch Cintel cathode-ray display tube using magnetic deflection and manufacturer-specified focusing, screen, and accelerating characteristics for specialized visual or instrument display service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	9000 V
CRT maximum electrode voltage promoted where published; screen, focusing, deflection, capacitance and operating data preserved as parameters.	

5L01A is a radar display tube using electrostatic focus and magnetic deflection. The datasheet publishes heater data, screen characteristics, electrode capacitances, maximum ratings, and representative operating conditions.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

196X Cintel

Published test conditions and operating points. Values on this page are preserved as reported by this source.

196X CINTEL

Section 1 · Cathode Ray

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	4 V	—
Heater current	1 A	—
Focusing method	Electrostatic	—
Deflection method	Magnetic	—
Screen fluorescence	Orange	—
Screen persistence	Long	—
Minimum useful screen diameter	108 mm	—
Base	International Octal.	—
Modulator capacitance	15 pF	InterelectrodeCapacitance
Anode 1 capacitance	15 pF	InterelectrodeCapacitance
Cathode capacitance	14 pF	InterelectrodeCapacitance

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum final anode voltage	9000 V	—
Typical final anode voltage	9000 V	—
Typical anode 1 voltage	1450 V	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker