



ELECTRONIC TUBE REFERENCE

3LO1I

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Three-inch Russian cathode-ray tube with electrostatic focusing and deflection and a green screen for visual indication. Its documentation supports general instrument-display service rather than television picture use.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	0
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Cathode Ray

No fixed ratings recorded.

REDO promoted fields populated from published specification/maximum-rating tables where applicable.

The 3LO1I is an electrostatically focused and deflected cathode-ray tube with a green screen for visual indication.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Russian

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

195X RUSSIAN

Section 1 · Cathode Ray

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
First anode voltage	0–50 V	Published range
Second anode voltage	500 V	Published value
Grid cutoff voltage	-30 V	Published nominal
Brightness-modulation voltage	28 V	At 5 cd/m2 screen luminance
Screen diameter	33.5 mm	Maximum
CRT length	115 mm	Maximum
Minimum operating life	1500 h	Published value
Focused line width	0.4 mm	Maximum
Modulation voltage	35 V	Maximum

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