

ELECTRONIC TUBE REFERENCE

35LM2I

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Russian cathode-ray display tube for visual recording of electrical signals, with green screen and 6.3 V heater.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Cathode Ray
No fixed ratings recorded. Cathode-ray display section; anode operating voltage 12 kV (not stated as maximum). Electromagnetic deflection and focusing. Green display; 1500 lines; brightness 100 nit; moderate afterglow. High-voltage CRT may generate X-rays under some conditions; datasheet does not explicitly specify X-ray production.

SOURCE OPERATING CONDITIONS

1970 Sylvania Technical Manual

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

1970 SYLVANIA TECHNICAL MANUAL

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Voltage	12000 V	Anode voltage (specified, not maximum)
Filament Voltage	6.3 V	Filament voltage
Brightness	100 cd/m ²	Brightness; source 100 nit
Resolution	1500 lines	Resolution
Deflection	Electromagnetic	Deflection type
Focusing	Electromagnetic	Beam focusing