



ELECTRONIC TUBE REFERENCE

31MC4

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Thirty-one-centimeter electromagnetic television picture tube with magnetic focusing and deflection and an ion trap. Designed for direct-view monochrome receiver service, it uses conventional magnetic beam control.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	11000 V
<i>31MC4 section; related 31MR4/31MG4/31MS4 designations printed on sheet are distinct models, not treated as aliases.</i>	

31 cm electromagnetic television cathode-ray tube with ion trap; the sheet also compares related 31MR4, 31MG4 and 31MS4 models.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Mazda

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

1960 MAZDA

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MinimumAnode2Voltage	8.6 kV	—
MaximumAnode1Voltage	400 V	—
TypicalAnode2Voltage	9 kV	—
TypicalAnode1Voltage	250 V	—
Maximum Heater Cathode Voltage	150 V	—