



ELECTRONIC TUBE REFERENCE

4486

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Projection cathode-ray tube designed to generate a small, intense image for enlargement by an optical projection system. Its high-brightness screen and focusing/deflection system support large projected electronic displays.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	1
NOMINAL HEATER	6.3 V / —	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.

CRT-specific electrode voltages, deflection factors, capacitances, focus/cutoff data, and other published electrical values are stored as section parameters because the promoted section columns are primarily conventional valve fields.

Projection cathode-ray tube for large projected display images. The supplied datasheet was used for heater data, electrode ratings, focus and deflection information, capacitances, screen/phosphor characteristics, and applicable operating limits.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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

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Section 1 · Cathode Ray

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
ELECTROSTATIC FOCUS – published value 1	20	Published CRT datasheet value; where a source row has several numbers they represent its separate limits or operating conditions.
ELECTROSTATIC FOCUS – published value 2	15	Published CRT datasheet value; where a source row has several numbers they represent its separate limits or operating conditions.
Pin 1 -Heater	1	Published CRT datasheet value; where a source row has several numbers they represent its separate limits or operating conditions.
Pin 3 -Grid No.1	3	Published CRT datasheet value; where a source row has several numbers they represent its separate limits or operating conditions.
Pin 4 -Grid No.2	4	Published CRT datasheet value; where a source row has several numbers they represent its separate limits or operating conditions.
Pin 9 -Grid No.3	9	Published CRT datasheet value; where a source row has several numbers they represent its separate limits or operating conditions.
Pin 14 -Heater	14	Published CRT datasheet value; where a source row has several numbers they represent its separate limits or operating conditions.