ELECTRONIC TUBE REFERENCE

6EB4F

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

Six-inch cathode-ray oscilloscope tube with electrostatic focusing and electrostatic deflection. Cintel documentation specifies its phosphor, interelectrode capacitances, heater data, maximum ratings, and representative operating conditions.

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

SECTION1 Cathode Ray

No fixed ratings recorded.

CRT operating ratings and direct interelectrode capacitances are published in the approved datasheet.

6EB4F is a cathode-ray oscilloscope tube; the approved datasheet specifies its electrostatic focusing/deflection system, phosphor, interelectrode capacitances, and operating ratings.

SOURCE OPERATING CONDITIONS

196X Cintel

SOURCE PDF

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

196X CINTEL

Section 1 · Cathode Ray

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	**4 V**	Nominal published value
Heater Current	**1 A**	Nominal published value
Each X Plate to all other electrodes	**25 pF**	Published direct interelectrode capacitance
Each Y Plate to all other electrodes	**25 pF**	Published direct interelectrode capacitance
Cathode to all other electrodes	**15 pF**	Published direct interelectrode capacitance

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Focusing Method	**Electrostatic**	Published focusing method
Deflecting Method	**Electrostatic**	Published deflection method

Tube Tinker

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