ELECTRONIC TUBE REFERENCE

8B08VB

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

High-resolution 8.5-inch rectangular radar display CRT with magnetic focusing and deflection and a metal-backed screen for detailed radar presentation.

General characteristics

BASE DESIGNATION	B12A	**BASE PINS**	—
NOMINAL HEATER	6.3 V / 300 mA	**PARALLEL HEATER**	— / —
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Cathode Ray

MAXIMUM PLATE VOLTAGE	15000 V

Promoted fields were populated only where the Ferranti sheet maps cleanly to the locked schema; additional ratings and operating values are retained in TUBE_SECTION_PARAMETER.

High-resolution 8.5-inch rectangular radar display CRT with magnetic focus and deflection and metal-backed screen.

SOURCE OPERATING CONDITIONS

1963 Ferranti

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

1963 FERRANTI

Section 1 · Cathode Ray

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
First-anode voltage maximum	**600 V**	—
Second-anode voltage minimum	**9000 V**	—
First-anode voltage	**300 V**	—
Second-anode voltage	**15000 V**	—
Visual cutoff grid voltage minimum	**-90 V**	—
Visual cutoff grid voltage maximum	**-30 V**	—
Average modulation drive for 50uA beam current	**20 V**	—

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode-to-all capacitance maximum	**8 pF**	—
Grid-to-all capacitance maximum	**8 pF**	—

Tube Tinker

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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