ELECTRONIC TUBE REFERENCE

8A56HM

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

Miniaturized eight-inch radar display CRT with low-voltage electrostatic focusing and approximately 43-degree magnetic deflection for compact radar indicators.

General characteristics

BASE DESIGNATION	B9A	**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.

Miniaturized 8-inch radar display CRT with low-voltage electrostatic focus and 43-degree magnetic deflection.

SOURCE OPERATING CONDITIONS

1963 Ferranti

SOURCE PDF

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-and-fourth-anode voltage minimum	**8000 V**	—
Third-anode voltage minimum	**-500 V**	—
Third-anode voltage maximum	**500 V**	—
First-anode voltage	**300 V**	ValveDrive
Second-and-fourth-anode voltage	**12000 V**	ValveDrive
Third-anode focus voltage minimum	**-300 V**	ValveDrive
Third-anode focus voltage maximum	**300 V**	ValveDrive
Visual cutoff grid voltage	**-60 V**	ValveDrive

TUBE TINKER

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

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