ELECTRONIC TUBE REFERENCE

C21SM

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

Brimar 21-inch-class monochrome television picture tube for high-voltage direct-view service, using magnetic deflection and manufacturer-specified focusing, beam-current, and screen characteristics.

General characteristics

BASE DESIGNATION	—	**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	18000 V

Published Brimar ratings and characteristics promoted where applicable; additional data retained as parameters.

Rectangular 90-degree electrostatic-focus television CRT with aluminized screen.

SOURCE OPERATING CONDITIONS

SOURCE PDF

1958 Brimar Radio Valve No 7

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

1958 BRIMAR RADIO VALVE NO 7

Section 1 · Cathode Ray

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	**Television picture display**	—

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Focusing method	**Electrostatic**	—
Diagonal deflection angle	**90 deg**	—

Tube Tinker

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

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