ELECTRONIC TUBE REFERENCE

C28GS1B

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

Special-purpose cathode-ray instrument tube from the Standard Telephones and Cables family, with screen variant and electron-optical characteristics designated by the C28GS1B suffix.

General characteristics

BASE DESIGNATION	—	**BASE PINS**	9
NOMINAL HEATER	0.75 V / —	**PARALLEL HEATER**	— / —
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	1500 V
Gas-focused CRT; blue screen.	

Gas-focused blue-screen cathode-ray tube.

SOURCE OPERATING CONDITIONS

1946 Standard Telephone and Cables

SOURCE PDF

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Cathode Ray

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Interelectrode capacitances published	**1**	See source table for individual capacitances

SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

1947 Standard Valves

SOURCE PDF

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

1947 STANDARD VALVES

Section 1 · Cathode Ray

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament current	**700 mA–1.1 A**	—
Anode voltage	**350–1500 V**	—
Normal anode voltage	**500 V**	—
Shield voltage	**0–50 V**	—

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Sensitivity	**580 mm/V**	V = anode voltage

DIMENSIONS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Effective screen diameter	**6.5 in**	—

Tube Tinker

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

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