

ELECTRONIC TUBE REFERENCE

31C14

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Six-inch magnetically focused and deflected cathode-ray tube for radio direction-finding equipment. Its uniformly graduated internal compass scale provides an integrated reference for direct visual bearing indication.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	5
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0 Cathode Ray
No fixed ratings recorded.

Magnetically focused and deflected 6-inch cathode-ray tube with a uniformly graduated internal compass scale for radio direction-finding equipment.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 AEI Industrial Valves

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

1961 AEI INDUSTRIAL VALVES

Section 0 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaximumAnodeVoltageDesignCentre	10000 V	—
AbsoluteMaximumAnodeVoltage	12500 V	—
Minimum Anode Voltage	7500 V	—
Maximum Heater Cathode Voltage	150 V	—
Typical Anode Voltage	9500 V	—
GridBiasForCutoff	-93--43 V	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
GridToAllCapacitance	4.7 pF	—
Cathode To All Capacitance	5.3 pF	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Associated Electrical Industries

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

1961 ASSOCIATED ELECTRICAL INDUSTRIES

Section 0 · Cathode Ray

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