



ELECTRONIC TUBE REFERENCE

30C2

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Precision measurement cathode-ray tube with electrostatic focusing and deflection and a polished flat face. AEI documentation identifies it for laboratory and industrial instrumentation requiring accurate trace geometry.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	12
NOMINAL HEATER	4 V / 720 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.

Precision measurement cathode-ray tube with electrostatic focusing and deflection and a polished flat face.

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
MaximumFirstAnodeVoltage	2500 V	—
MaximumSecondAnodeVoltage	1000 V	—
MaximumThirdAnodeVoltage	6000 V	—
TypicalThirdAnodeVoltage	2000–5000 V	—
TypicalSecondAnodeVoltageForFocus	440–800 V	—
TypicalFirstAnodeVoltage	2000 V	—
GridBiasForCutoff	-60 V	—
XPlateSensitivityAt2000V	0.3 mm/V	—
XPlateSensitivityAt5000V	0.12 mm/V	—
YPlateSensitivityAt2000V	0.57 mm/V	—
YPlateSensitivityAt5000V	0.23 mm/V	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
X1ToAllCapacitance	15 pF	—
X2ToAllCapacitance	15 pF	—
Y1ToAllCapacitance	14.5 pF	—
Y2ToAllCapacitance	14.5 pF	—
GridToAllCapacitance	9.5 pF	—

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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