



ELECTRONIC TUBE REFERENCE

3AKP19A

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Compact P1 cathode-ray display tube with electrostatic focusing, magnetic deflection, and an aluminized screen; phosphor characteristics provide the persistence and fluorescence appropriate to the P1 variant.

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

SECTION 1 Cathode Ray

No fixed ratings recorded.

Cathode-ray display/electron-gun section.

The Du Mont 3AKP19A is a three-inch low-voltage aluminized radar CRT for airborne, marine, and portable radar receivers. This variant uses a P19 screen with orange fluorescence and very long persistence.



SOURCE OPERATING CONDITIONS

1960 Du Mont

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

1960 DU MONT

Section 1 · Cathode Ray

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	300 mA	—
Focusing Method	Electrostatic text	—
Deflection Method	Magnetic text	—
Phosphor	P19 text	—
Fluorescence	Orange text	—
Persistence	Very long text	—
Screen Construction	Aluminized text	—

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