

ELECTRONIC TUBE REFERENCE

3AKP14A

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

SECTION1 Cathode Ray
No fixed ratings recorded.
Cathode-ray display/electron-gun section.

The Du Mont 3AKP14A is a three-inch low-voltage aluminized radar CRT for airborne, marine, and portable radar receivers. This variant uses a P14 screen with purple fluorescence and medium-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	P14 text	—
Fluorescence	Purple text	—
Persistence	Medium-long text	—
Screen Construction	Aluminized text	—