

ELECTRONIC TUBE REFERENCE

6TO3A

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Cathode-ray radar display tube with manufacturer-specified focusing, deflection, phosphor, afterglow, capacitance, and operating characteristics. It is designed specifically for direct-view radar presentation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 600 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.
CRT operating ratings and direct interelectrode capacitances are published in the approved datasheet.

6TO3A is a cathode-ray radar display tube; the approved datasheet specifies its focusing/deflection system, phosphor, afterglow, capacitances, and operating ratings.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

196X Cintel

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

196X CINTEL

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	Nominal published value
Heater Current	600 mA	Nominal published value
Modulator to all other electrodes	9 pF	Published direct interelectrode capacitance
Cathode to all other electrodes	8 pF	Published direct interelectrode capacitance

CONSTRUCTION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Focusing Method	Magnetic	Published focusing method
Deflecting Method	Magnetic	Published deflection method