

ELECTRONIC TUBE REFERENCE

CK6050

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Directly heated subminiature triode designed specifically for UHF oscillator service in compact high-frequency equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	4A	BASE PINS	4
NOMINAL HEATER	1.25 V / 120 mA	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.0016 S
AMPLIFICATION FACTOR	16
Promoted only from clearly identified printed electrical values; additional values retained in TUBE_SECTION_PARAMETER.	

Subminiature directly heated triode for UHF oscillator service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Raytheon Special Purpose Tubes

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

195X RAYTHEON SPECIAL PURPOSE TUBES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	135 V	UHF Oscillator
Control-grid voltage	-5 V	UHF Oscillator
Plate current	4 mA	UHF Oscillator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification factor	16	Section 1
Transconductance	1600 μ S	Section 1

TUBE TINKER

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and their source documents.

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