

ELECTRONIC TUBE REFERENCE

CK6213

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

Low-current Raytheon cold-cathode regulator providing approximately 130 V stabilization over roughly 1-2.5 mA.

GENERAL CHARACTERISTICS

BASE DESIGNATION	3A	BASE PINS	3
NOMINAL HEATER	– / –	PARALLEL HEATER	– / –
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Voltage Regulator	
REGULATOR VOLTAGE	130 V
MINIMUM REGULATOR CURRENT	1 mA
MAXIMUM REGULATOR CURRENT	2.5 mA
STARTING VOLTAGE	200 V
MAINTAINING VOLTAGE	130 V
Operating voltage published as 127-133 V; midpoint promoted.	

Raytheon cold-cathode gas voltage-reference tube with 127-133 V operating range and 200 V minimum starting supply.

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 · Voltage Regulator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating voltage range	127–133 V	—
Operating current minimum	1 mA	—
Operating current maximum	2.5 mA	—
Maximum regulation	2 V	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum starting supply voltage	200 V	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker