

ELECTRONIC TUBE REFERENCE

CK5651

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
VOLTAGEREGULATOR

Raytheon low-current voltage-reference tube providing approximately 82-92 V for regulated supplies, instrumentation, and stable DC reference circuits.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
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	87 V
MINIMUM REGULATOR CURRENT	1.5 mA
MAXIMUM REGULATOR CURRENT	3.5 mA
MAINTAINING VOLTAGE	87 V
Target handbook row and explicit cross-reference text reviewed.	

CK5651 is identified in the supplied Raytheon handbook as a voltage-reference tube.



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
Nominal reference voltage	82-92 V	VoltageReferenceService
Minimum current	1.5 mA	VoltageReferenceService
Voltage variation	3 V	VoltageReferenceService

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum current	3.5 mA	VoltageReferenceService

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