



ELECTRONIC TUBE REFERENCE

CK1055

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

Subminiature low-current Raytheon cold-cathode regulator providing approximately 150 V while drawing only tens to hundreds of microamperes.

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

SECTION 1 Voltage Regulator	
REGULATOR VOLTAGE	150 V
MINIMUM REGULATOR CURRENT	0.075 mA
MAXIMUM REGULATOR CURRENT	0.3 mA
STARTING VOLTAGE	225 V
MAINTAINING VOLTAGE	150 V
Published ratings and characteristics promoted where clearly stated.	

Cold-cathode gas-filled subminiature voltage regulator maintaining approximately 150 V over a 75 to 300 microampere operating-current range.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon

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

1938 RAYTHEON

Section 1 · Voltage Regulator

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maintaining or operating voltage	150 V	Published operating voltage
Operating current	0.075 mA–0.3 mA	Published operating-current range
Starting voltage	225 V	Published nominal or maximum starting value

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