

ELECTRONIC TUBE REFERENCE

CK5885

Voltage - Pentode or Tetrode (under 100V) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
TETRODE-TETRODE

Directly heated subminiature twin tetrode designed for electrometer service, with extremely low nominal control-grid current for precision measurement.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8CC	BASE PINS	8
NOMINAL HEATER	1.25 V / 20 mA	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
TRANSCONDUCTANCE	0.00016 S
AMPLIFICATION FACTOR	2.4
MAXIMUM PLATE VOLTAGE	13.5 V
Promoted only from clearly identified printed electrical values; additional values retained in TUBE_SECTION_PARAMETER.	

SECTION2 Tetrode	
TRANSCONDUCTANCE	0.00016 S
AMPLIFICATION FACTOR	2.4
MAXIMUM PLATE VOLTAGE	13.5 V
Second physical twin-tetrode section restored.	

Subminiature directly heated twin tetrode for electrometer service with extremely low nominal control-grid current.



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 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	13.5 V	Electrometer;EachSection
Control-grid voltage	-3 V	Electrometer;EachSection
Plate current	0.185 mA	Electrometer;EachSection

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	160 μ S	Electrometer;EachSection
Amplification factor	2.4	Electrometer;EachSection
Nominal control-grid current	0.000000001 mA	Electrometer;EachSection

TUBE TINKER

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

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