



ELECTRONIC TUBE REFERENCE

CK532DX

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Extremely low-drain subminiature battery power pentode using a 1.25 V, 15 mA filament and approximately 22.5 V plate supply.

GENERAL CHARACTERISTICS

BASE DESIGNATION	5J	BASE PINS	5
NOMINAL HEATER	1.25 V / 15 mA	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	180000 Ω
TRANSCONDUCTANCE	0.00045 S
<i>Published values are typical summary-table operating/characteristic data, not maximum ratings.</i>	

CK532DX is a directly heated Raytheon subminiature pentode listed for power amplifier service. The summary table specifies a 1.25-V, 15-mA filament and a typical 22.5-V plate operating point.

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 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	22.5 V	Typical operating point; Power Amp.
Grid 1 Voltage	0 V	Typical operating point; Power Amp.
Grid 2 Voltage	22.5 V	Typical operating point; Power Amp.
Plate Current	0.4 mA	Typical operating point; Power Amp.
Grid 2 Current	0.125 mA	Typical operating point; Power Amp.
Output Power	1.8 mW	Typical operating point; Power Amp.
Load Resistance	0.1 MOhm	Typical operating point; Power Amp.
Maximum Length	1.25 in	Maximum dimension
Maximum Width	0.285 in	Maximum dimension
Maximum Thickness	0.22 in	Maximum dimension

TUBE TINKER

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