



ELECTRONIC TUBE REFERENCE

CK544DX

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Extremely low-current subminiature power pentode producing sub-milliwatt output from approximately 30 V.

GENERAL CHARACTERISTICS

BASE DESIGNATION	5J	BASE PINS	5
NOMINAL HEATER	1.25 V / 10 mA	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	1200000 Ω
TRANSCONDUCTANCE	0.000325 S
<i>Published subminiature operating-table characteristics; plate/screen voltages below are typical operating values, not promoted as maxima.</i>	

Directly heated subminiature pentode for power amplifier service.

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	30 V	—
Grid 1 voltage	0 V	—
Grid 2 voltage	30 V	—
Plate current	0.135 mA	—
Grid 2 current	0.035 mA	—
Power output	0.52 mW	—
Load resistance	0.2 MΩ	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	1.2 MΩ	—
Transconductance	325 μS	—