



ELECTRONIC TUBE REFERENCE

CK6187

Voltage Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Reliable Raytheon miniature pentode for mixer and gated-amplifier service. Specialized control behavior supports frequency conversion and gating while modest heater demand suits professional signal-processing equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	9p	BASE PINS	9
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
TRANSCONDUCTANCE	0.0032 S
MAXIMUM PLATE VOLTAGE	120 V
MAXIMUM SCREEN VOLTAGE	120 V
Published reliable miniature tube characteristics.	

Raytheon reliable miniature pentode intended for mixer-gated amplifier, with published plate, screen, current, and transconductance data.

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
Grid 1 bias	-2 V	—
Plate current	5.2 mA	—
Screen current	3.5 mA	—
Grid 3 voltage	0 V	—