



ELECTRONIC TUBE REFERENCE

5970

Voltage Dual Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

PENTODE-PENTODE

Directly heated subminiature dual remote-cutoff pentode designed for Class-A VHF radio-frequency amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	1.25 V / 160 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
PLATE RESISTANCE	170000 Ω
TRANSCONDUCTANCE	0.00185 S
MAXIMUM CATHODE CURRENT	5 mA
<i>Representative section for two similar remote-cutoff pentodes.</i>	

SECTION2 Pentode	
PLATE RESISTANCE	170000 Ω
TRANSCONDUCTANCE	0.00185 S
MAXIMUM CATHODE CURRENT	5 mA
<i>Second physical remote-cutoff pentode section restored under one-row-per-physical-section policy; identical to section 1.</i>	

Directly heated subminiature dual remote-cutoff pentode for Class A VHF RF amplification.



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 · Pentode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	ClassA_VHF_RF_Amplifier text	—