

ELECTRONIC TUBE REFERENCE

TKF4

Voltage Pentode - Sharp Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
PENTODE

Directly heated battery high-frequency pentode for RF amplification, detector service, and regenerative receiver stages. High plate resistance provides useful gain with economical filament consumption.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	5
NOMINAL HEATER	2 V / 65 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
PLATE RESISTANCE	1000000 Ω
TRANSCONDUCTANCE	0.0008 S
Published ratings and characteristics promoted where clearly stated; repeated identical sections compressed where applicable.	

Battery high-frequency pentode intended for RF, detector and regenerative receiver stages.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Tunsgram

Published test conditions and operating points. Values on this page are preserved as reported by this source.

195X TUNSGRAM

Section 1 · Pentode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	2 V	Published nominal value
Heater or filament current	65 mA	Published nominal value
Transconductance	800 μ S	Published operating characteristic