



ELECTRONIC TUBE REFERENCE

KTZ63

Voltage Pentode - Remote Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

Screened detector and amplifier pentode with broad receiver usefulness. Manufacturer documentation supports detector, RF and AF amplifier, oscillator, and triode-connected operation, making it unusually flexible among receiving pentodes.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
TRANSCONDUCTANCE	0.00123 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	125 V
<i>Promoted values mapped from printed rating/approximate-data tables; additional operating points and capacitances retained as parameters.</i>	

Screened detector and amplifying pentode KTZ63/6J7G; usable as detector, HF/LF amplifier, triode-connected stage, or oscillator.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1955 Marconi

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

1955 MARCONI

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-All Capacitance	4.7 pF	—
Anode-All Capacitance	9.9 pF	—
Anode-Grid Capacitance	0.0038 pF	—
Typical Anode Voltage	250 V	—
Typical Screen Voltage	100 V	—
Typical Grid Bias	-3 V	—
Triode-Connected Service	1 boolean	—
Oscillator Service	1 boolean	—