



ELECTRONIC TUBE REFERENCE

TP25

Voltage Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

PENTODE-TRIODE

Triode-pentode designed specifically as a frequency changer, combining oscillator and mixer functions for radio or television receiving equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	2 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.001 S
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	150 V
<i>Pentode mixer section.</i>	

SECTION2 Triode	
TRANSCONDUCTANCE	0.0007 S
AMPLIFICATION FACTOR	8
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM CATHODE CURRENT	15 mA
<i>Oscillator triode section.</i>	

Triode-pentode frequency changer.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Mazda

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

1960 MAZDA

Section 1 · Pentode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Conversion conductance	225 $\mu\text{A/V}$	—