



ELECTRONIC TUBE REFERENCE

PTA

Power - Pentode Single (NOT beam) (under 10W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
PENTODE

Universal output pentode for automobile radios and AC/DC audio equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	4 V / 2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
TRANSCONDUCTANCE	0.004 S
MAXIMUM PLATE DISSIPATION	8 W
<i>Published Ferranti ratings and characteristics promoted where applicable; additional electrical, pulse, regulator, microwave, and operating data retained as parameters.</i>	

Universal output pentode intended particularly for car receivers and AC/DC audio-output service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Ferranti

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

1963 FERRANTI

Section 1 · Pentode

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Universal audio-output pentode / car-radio output	—

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance at $E_a=100\text{ V}$ $E_s=100\text{ V}$ $E_g=0$	4 mA/V	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode dissipation maximum	8 W	—
Optimum load	6500 ohm	—