ELECTRONIC TUBE REFERENCE

TEL2

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Automotive output pentode for low-frequency power amplification in car-radio equipment.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	8
NOMINAL HEATER	6.3 V / 200 mA	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Pentode

PLATE RESISTANCE	70000 Ω
TRANSCONDUCTANCE	0.0028 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	8 W
MAXIMUM SCREEN DISSIPATION	1.6 W

Published ratings and characteristics promoted where clearly stated; repeated identical sections compressed where applicable.

Automotive output pentode intended for low-frequency power-amplifier service.

SOURCE OPERATING CONDITIONS

195X Tunsgram

SOURCE PDF

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	**6.3 V**	Published nominal value
Heater or filament current	**200 mA**	Published nominal value
Transconductance	**2800 µS**	Published operating characteristic

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Maximum plate dissipation	**8 W**	Published maximum rating

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

Catalog Tube types Full books Blog Feedback & corrections

© 2026 Tube Tinker