

ELECTRONIC TUBE REFERENCE

2L35

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Power pentode designed for both audio/output amplification and radio-frequency power-amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	1.2 V / 120 mA	PARALLEL HEATER	1.2 V / 120 mA
HEATING	Direct	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	135 V
MAXIMUM SCREEN DISSIPATION	0.9 W
MAXIMUM CATHODE CURRENT	25 mA
Published ratings and characteristics promoted from the source where directly stated.	

Directly heated pentode for Class A output and Class C high-frequency power amplification, with suppressor-grid modulation capability and series/parallel filament operation.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Tesla

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

195X TESLA

Section 1 · Pentode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	1.2 V	Published nominal value
Heater or filament current	120 mA	Published nominal value
Series heater voltage	2.4 V	Series filament connection
Parallel heater voltage	1.2 V	Parallel filament connection