

ELECTRONIC TUBE REFERENCE

AX9308

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Five-electrode power tube designed for RF power amplification, oscillation, and audio-frequency amplification. It uses a radiation-cooled anode and indirectly heated coated cathode for general power service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 1.35 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
MAXIMUM PLATE VOLTAGE	1000 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	45 W
MAXIMUM CATHODE CURRENT	1.5 A
Published promoted ratings/characteristics captured where applicable; additional source values preserved in parameter rows.	

Five-electrode tube designed for RF power amplification, oscillation, and audio-frequency amplification, with radiation-cooled anode and indirectly heated coated cathode.

SOURCE OPERATING CONDITIONS

1953 Amperex

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

1953 AMPEREX

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum frequency at full ratings	60 MHz	—
Maximum signal plate input	180 W	ClassB
Maximum signal screen-grid input	7 W	ClassB
Peak cathode current maximum	1.5 A	—