

ELECTRONIC TUBE REFERENCE

7189A

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
BEAMPOWER

Power-amplifier pentode for audio-frequency output stages in television, radio, and high-fidelity amplifiers, with higher screen-voltage capability than the 7189.

GENERAL CHARACTERISTICS

BASE DESIGNATION	9LE	BASE PINS	9
NOMINAL HEATER	6.3 V / 760 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
PLATE RESISTANCE	40000 Ω
TRANSCONDUCTANCE	0.0113 S
AMPLIFICATION FACTOR	19.5
MAXIMUM PLATE VOLTAGE	440 V
MAXIMUM SCREEN VOLTAGE	400 V
MAXIMUM PLATE DISSIPATION	13.2 W
MAXIMUM SCREEN DISSIPATION	2.2 W
Design-maximum ratings and average characteristics promoted.	

The 7189-A is a power-amplifier pentode for audio-frequency output stages in television and radio receivers and high-fidelity amplifiers, with a higher screen-voltage rating than the 7189.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	250 V	ClassA
Screen Voltage	250 V	ClassA
Power Output	5.7 W	ClassA
Power Output	24 W	PushPull;ClassAB;TwoTubes

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